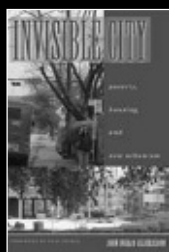
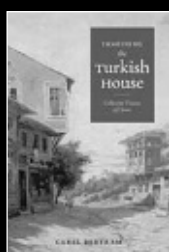
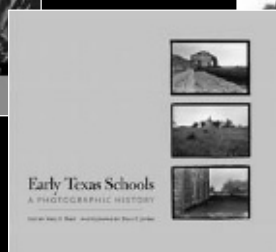


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ACCESSIBILITY

In support of the Americans with Disabilities Act, the AAG and its contracted facilities will accommodate reasonable requests for accessibility to the extent possible. Individuals requiring special accommodations are asked to make their specific needs known to the AAG or to the facilities.

ALCOHOL

The AAG expects all attendees to act responsibly when consuming alcoholic beverages. Consumption of alcohol by those under the age of 21 is prohibited.

BAGS/COATS/PACKAGES

For security reasons, the AAG is unable to hold attendees' bags, packages, briefcases, coats, laptops or other personal items at registration. For your own safety and the security of your belongings, we strongly recommend checking these items at a hotel bell stand.

CHILD CARE

AAG will reimburse *registered attendees* for necessary child care expenses *incurred during the meeting* at a licensed child care agency at the rate of \$10 per hour for a maximum of 30 hours. Reimbursement forms will be available at the AAG Registration Desk and should be submitted to AAG after the conference along with *original* receipts and a check will be mailed to you. Reimbursement is limited to \$300 per family. Reimbursement is only available for childcare on-site in Boston; no reimbursement is made for child care at your home while you are in Boston. All child care arrangements should be made by the individual attendee. Licensed childcare agencies in the Boston area include Boston Express Babysitters (+1-617-268-7148) or Sittercity (www.sittercity.com) among others. AAG does not endorse, recommend, or promote any one agency. Responsibility for selection and investigation of an agency's credentials is the sole responsibility of the child's parent or guardian.

CONFERENCE ASSISTANTS

Please report to the Conference Assistants Desk (next to the AAG Registration Desk located on the 4th Floor of the Boston Marriott Copley Place) no later than 20 minutes prior to your first scheduled shift. Upon check-in you will receive all pertinent information and instructions regarding your duties.

EXHIBITS

A vital part of the AAG Annual Meeting is the exhibit hall, where AAG members and attendees can see the latest tools in teaching, field research, graphic applications, computer modeling, and data collection and analysis. Learn about the most recent technical advances in the field, including cartography, GIS, and GPS. You'll also be able to view and purchase geography-related textbooks and publications while meeting with publishers. The Exhibit Hall is located in the Back Bay Conference and Exhibition Center, on the 3rd Floor of the Boston Marriott Copley Place.

EXHIBIT HALL HOURS

Tuesday, April 15

Exhibit Hall Reception	7:30 p.m. – 9:00 p.m.
------------------------	-----------------------

Wednesday, April 16

Exhibit Hall Open	9:30 a.m. – 4:30 p.m.
<i>Coffee Break in the Hall</i>	9:30 a.m.

Thursday, April 17

Exhibit Hall Open	10:00 a.m. – 4:30 p.m.
<i>Coffee Break in the Hall</i>	2:30 p.m.

Friday, April 18

Exhibit Hall Open	10:00 a.m. – 1:00 p.m.
-------------------	------------------------

INTERNET ACCESS

Complimentary Internet stations will be provided by the AAG to conference attendees in the 4th Floor Atrium Foyer, located in the Boston Marriott Copley Place. As a courtesy to other conference attendees, please limit your time at the Internet stations to 20 minutes. Internet stations will be open 24 hours a day.

GENERAL INFORMATION

MEETING VENUES

Sessions, workshops and special events will be held in locations indicated in the descriptions. Most conference activities will take place at the Boston Marriott Copley Place. All field trips will depart from the Main Lobby of the Marriott.

Boston Marriott Copley Place

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NON-SMOKING POLICY

The AAG maintains a non-smoking policy in all meeting rooms, the exhibit area, and the registration area. All of the meeting hotels are 100% smoke-free facilities. Smoking will only be allowed outside in special designated areas.

PHOTOGRAPHY IN SESSIONS

Photos may not be taken during paper or poster presentations without the permission of the presenter. Anyone taking a photo without permission will be asked to leave the conference.

PRESENTATION CONTENT

The Annual Meeting of the Association of American Geographers is an open forum for sharing the results of research and teaching in geography and related specialties. The contents of annual meeting presentations by individuals or groups at the annual meeting are theirs alone. The Association of American Geographers neither endorses nor disclaims the conclusions, interpretations, or opinions expressed by speakers at its annual meeting.

PROFESSIONAL CONDUCT

Professional ideas and information are exchanged most effectively at the AAG's Annual Meeting in an atmosphere free of abuse or harassment and characterized by courtesy and respect. To that end, the AAG expects all individuals who attend to conduct themselves in a manner that establishes an atmosphere free from discriminatory practices.

REGISTRATION

AAG Registration will be located in the Atrium Foyer on the 4th Floor of the Boston Marriott Copley Place. Registration will be open during the following hours:

Monday, April 14	4:00 p.m. – 7:00 p.m.
Tuesday, April 15	8:00 a.m. – 7:30 p.m.
Wednesday, April 16	7:00 a.m. – 7:00 p.m.
Thursday, April 17	7:00 a.m. – 7:00 p.m.
Friday, April 18	7:00 a.m. – 6:30 p.m.
Saturday, April 19	7:00 a.m. – 12:00 p.m.

LOCAL TRANSPORTATION

Commuter Rail: The nearest rail station to the conference hotels is Back Bay, which is 0.5 miles from the hotel. The Framingham/Worcester, Needham, Franklin, and Providence/Stoughton Lines all run through the station. Prices depend on route/zone travel and range from \$1.75-\$7.75 cash on board. Price is based on the highest zone traveled. Children 11 and under are free when accompanied by an adult traveler.

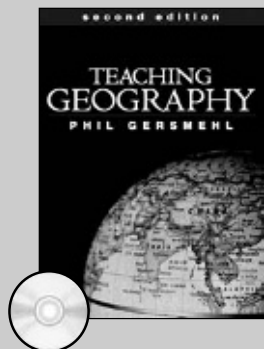
Subway: The Boston subway system, better known as the "T", also runs through Back Bay Station. The T is comprised of the Green, Red, Orange, Blue, and part of the Silver Line. Riders can travel to any stop in any direction for the same fare of \$2.00 on board or \$1.70 in advance by purchasing a Charlie Card. A Charlie Card is a plastic, reloadable fare card that can hold fare for a single journey or be pre-loaded with a set cash amount. It can be purchased in-station or at retail sales locations.

Bus: The nearest Bus Station is South Station, 1.2 miles from the hotel. Bus fares are \$1.50 on board or \$1.25 in advance with a Charlie Card.

Link Pass: Link passes can be purchased for \$9 for one day or \$15 for seven days. Link passes allow unlimited travel on Subway, Local Bus, Inner Harbor Ferry, and Commuter Rail Zone 1A.

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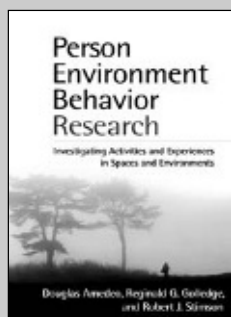
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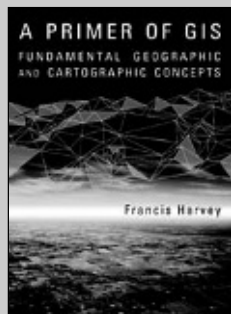
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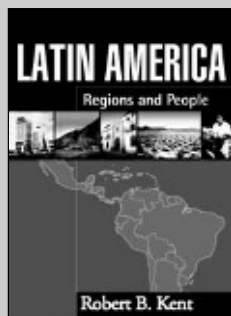
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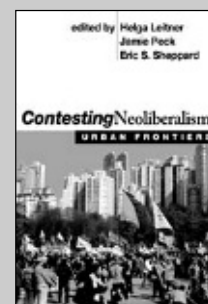
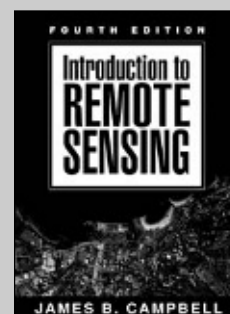
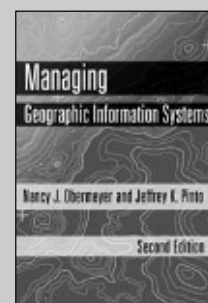
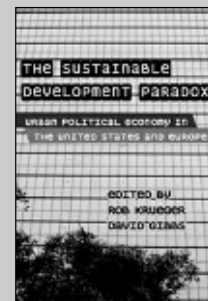
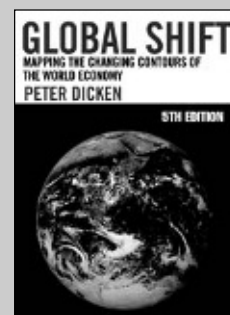
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 Back Bay Conference and Exhibition Center (*Exhibit Hall*)
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 Clarendon Room
 Dartmouth Room
 Exeter Room
 Fairfield Room
 Harvard Room
 MIT Room
 Northeastern Room
 Regis Room
 Simmons Room
 Suffolk Room
 Tufts Room
 Wellesley Room

Marriott 4th Floor

4th Floor Atrium Foyer (*AAG Booth, Internet Stations, Conference Assistants' Desk*)
 Falmouth Room
 Grand Ballroom Salon A
 Grand Ballroom Salon B
 Grand Ballroom Salon C
 Grand Ballroom Salon D
 Grand Ballroom Salon E
 Grand Ballroom Salon F
 Grand Ballroom Salon G
 Grand Ballroom Salon H
 Grand Ballroom Salon I
 Grand Ballroom Salon J
 Grand Ballroom Salon K
 Hyannis Room
 Nantucket Room
 Orleans Room
 Provincetown Room
 Registration Desks (*Registration*)
 Vineyard Room
 Yarmouth Room

Marriott 5th Floor

Connecticut Room (*Press Room*)
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 New Hampshire Room
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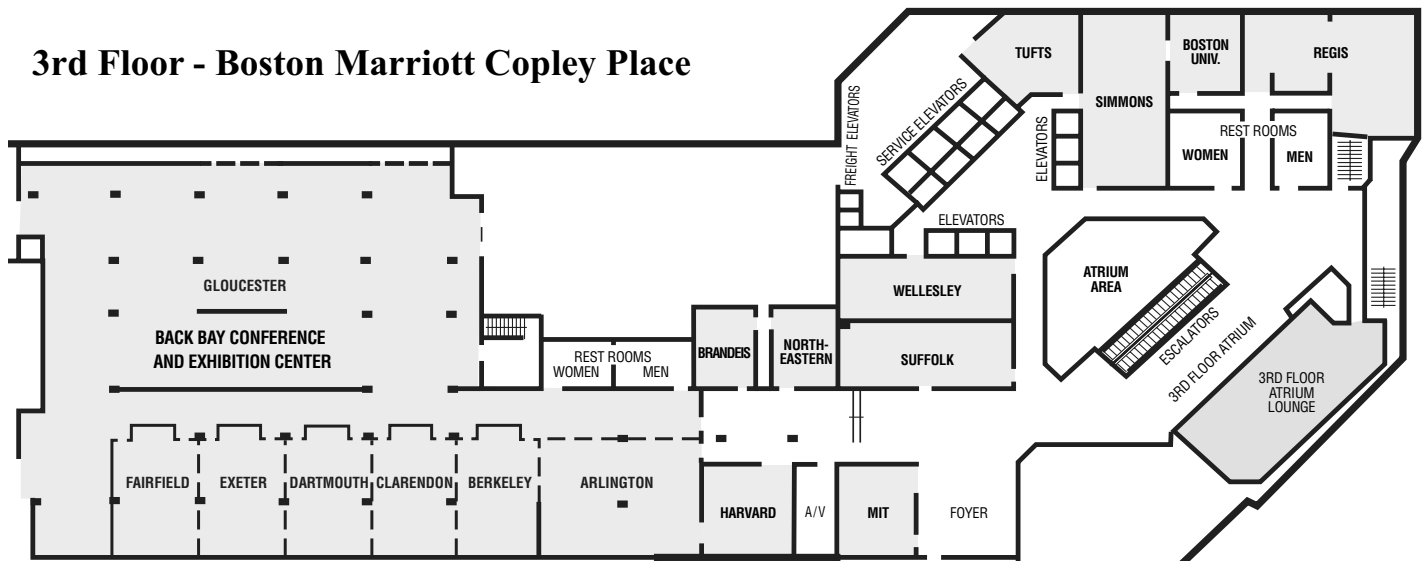
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Dartmouth Room	Marriott 3rd Floor
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Fairfield Room	Marriott 3rd Floor
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Grand Ballroom Salon A	Marriott 4th Floor
Grand Ballroom Salon B	Marriott 4th Floor
Grand Ballroom Salon C	Marriott 4th Floor
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Grand Ballroom Salon E	Marriott 4th Floor
Grand Ballroom Salon F	Marriott 4th Floor
Grand Ballroom Salon G	Marriott 4th Floor
Grand Ballroom Salon H	Marriott 4th Floor
Grand Ballroom Salon I	Marriott 4th Floor
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Wellesley Room	Marriott 3rd Floor
Yarmouth Room	Marriott 4th Floor

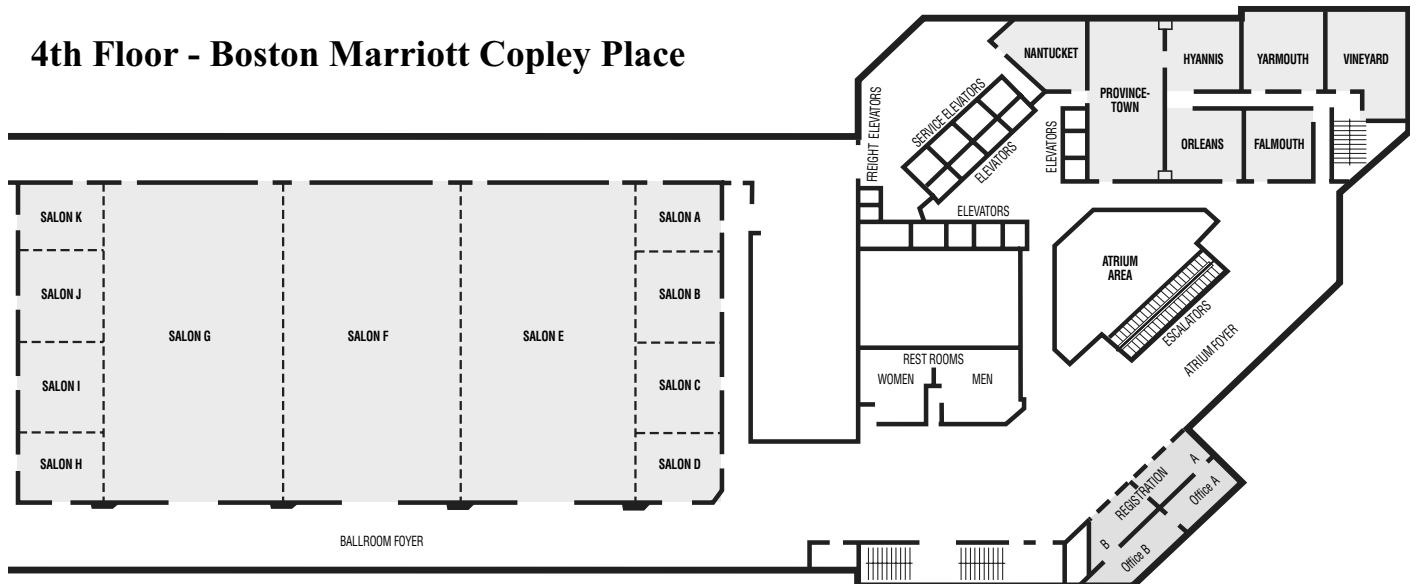
BOSTON MARRIOTT COPLEY PLACE

FLOOR PLANS

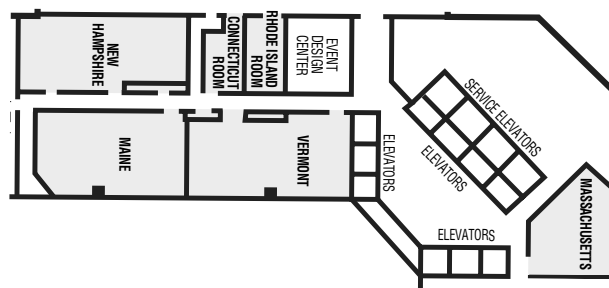
3rd Floor - Boston Marriott Copley Place



4th Floor - Boston Marriott Copley Place



5th Floor - Boston Marriott Copley Place



THE WESTIN COPLEY PLACE

LOCATION OF MEETING ROOMS

ROOMS BY FLOOR:

Westin Ground Floor

Rockport Room

Westin 3rd Floor

Essex North-West

Essex North-East

Essex North-Center

St. George A

St. George B

St. George C

St. George D

Staffordshire

Westin 7th Floor

Adams Room #2

Baltic Room #3

Courier Room #4

Defender Room #5

Empire Room #6

Great Republic #7

Mastiff Room #9

North Star Room #10

Parliament Room #1

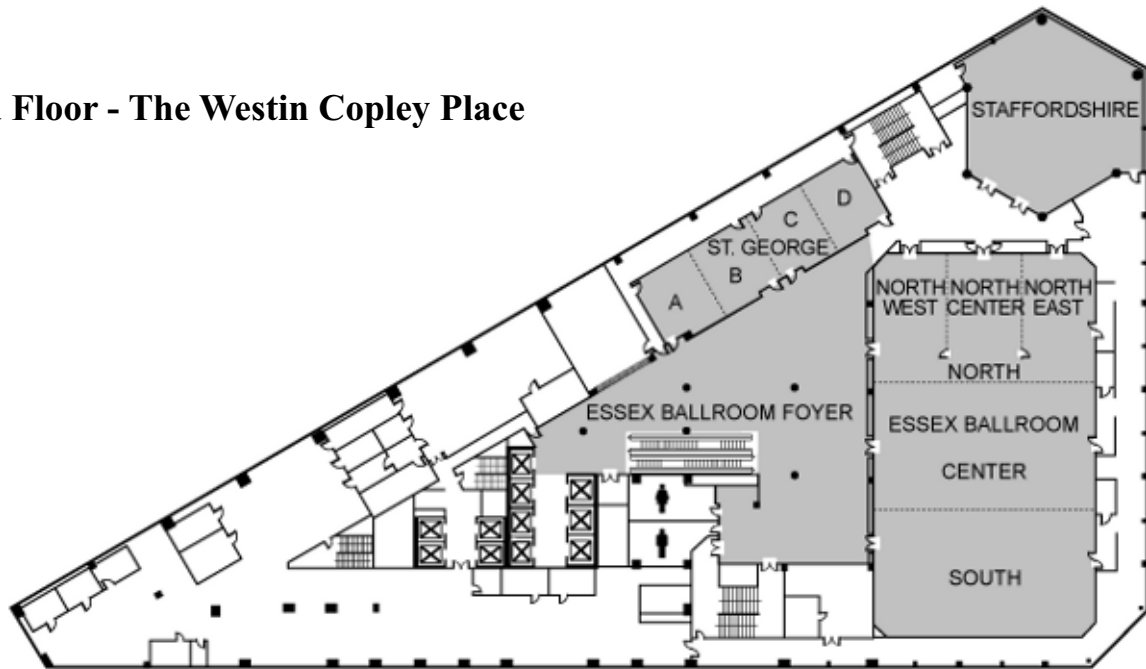
ROOMS ALPHABETICALLY:

Adams Room #2	Westin 7th Floor
Baltic Room #3	Westin 7th Floor
Courier Room #4	Westin 7th Floor
Defender Room #5	Westin 7th Floor
Empire Room #6	Westin 7th Floor
Essex North-Center	Westin 3rd Floor
Essex North-East	Westin 3rd Floor
Essex North-West	Westin 3rd Floor
Great Republic #7	Westin 7th Floor
Mastiff Room #9	Westin 7th Floor
North Star Room #10	Westin 7th Floor
Parliament Room #1	Westin 7th Floor
Rockport Room	Westin Ground Floor
St. George A	Westin 3rd Floor
St. George B	Westin 3rd Floor
St. George C	Westin 3rd Floor
St. George D	Westin 3rd Floor
Staffordshire	Westin 3rd Floor

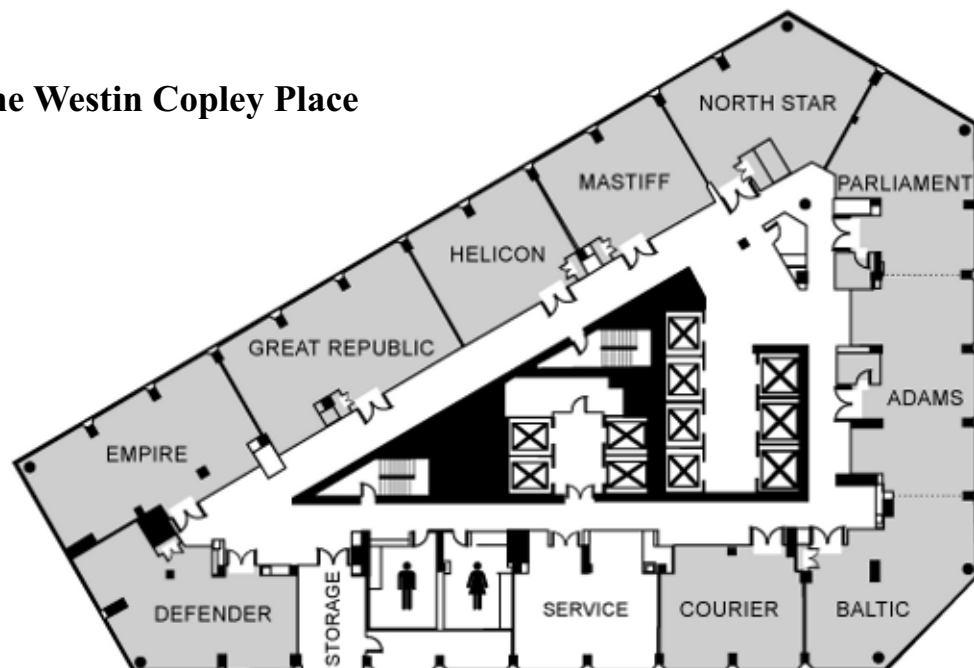
THE WESTIN COPLEY PLACE

FLOOR PLANS

3rd Floor - The Westin Copley Place



7th Floor - The Westin Copley Place



SHERATON BOSTON HOTEL

LOCATION OF MEETING ROOMS

ROOMS BY FLOOR:

Sheraton 2nd Floor

Back Bay A

Back Bay B

Sheraton 3rd Floor

Beacon A

Beacon B

Beacon D

Beacon E

Beacon F

Beacon G

Beacon H

Berkeley

Commonwealth

Dalton

Exeter

Fairfax A

Fairfax B

Hampton A

Hampton B

Jefferson

Kent

Sheraton 5th Floor

Conference Room 1

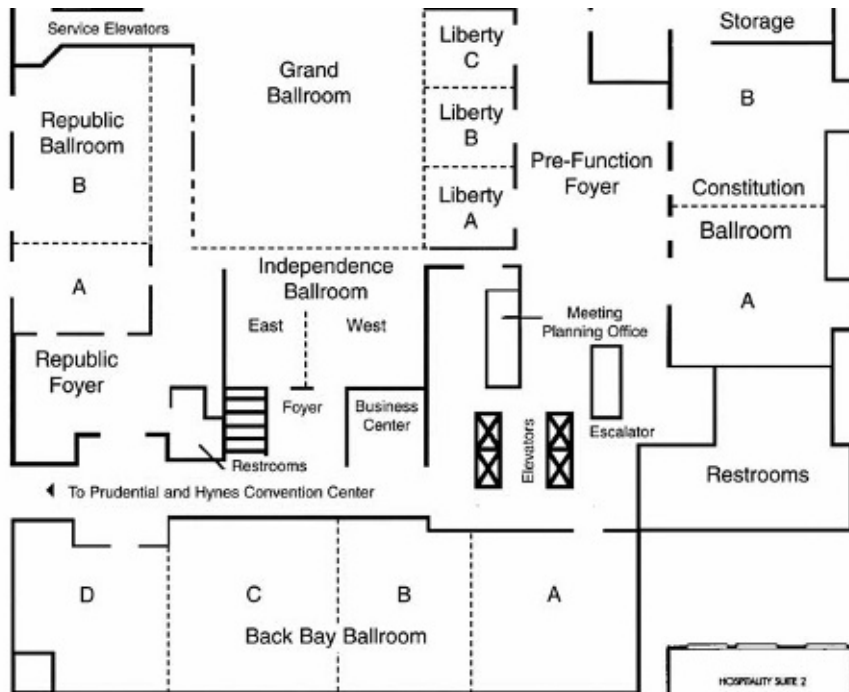
Conference Room 6

ROOMS ALPHABETICALLY:

Back Bay A	Sheraton 2nd Floor
Back Bay B	Sheraton 2nd Floor
Beacon A	Sheraton 3rd Floor
Beacon B	Sheraton 3rd Floor
Beacon D	Sheraton 3rd Floor
Beacon E	Sheraton 3rd Floor
Beacon F	Sheraton 3rd Floor
Beacon G	Sheraton 3rd Floor
Beacon H	Sheraton 3rd Floor
Berkeley	Sheraton 3rd Floor
Commonwealth	Sheraton 3rd Floor
Conference Room 1	Sheraton 5th Floor
Conference Room 6	Sheraton 5th Floor
Dalton	Sheraton 3rd Floor
Exeter	Sheraton 3rd Floor
Fairfax A	Sheraton 3rd Floor
Fairfax B	Sheraton 3rd Floor
Hampton A	Sheraton 3rd Floor
Hampton B	Sheraton 3rd Floor
Jefferson	Sheraton 3rd Floor
Kent	Sheraton 3rd Floor

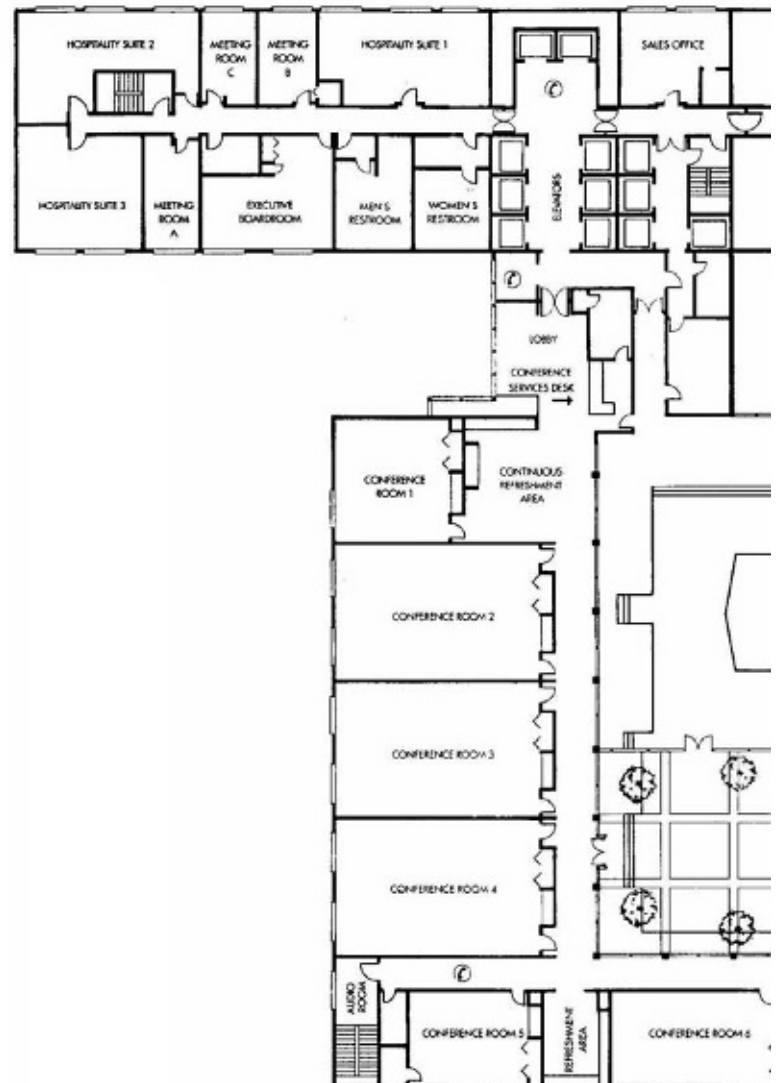
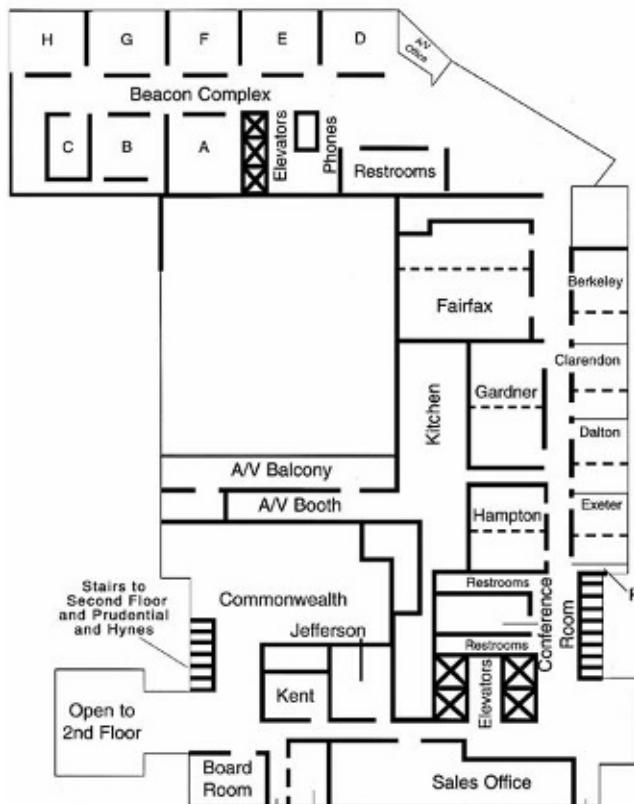
SHERATON BOSTON HOTEL

FLOOR PLANS



2nd Floor - Sheraton Boston Hotel

3rd Floor - Sheraton Boston Hotel



5th Floor - Sheraton Boston Hotel

PLENARY SESSIONS

OPENING PLENARY with JEFFREY SACHS

Tuesday, April 15, 6:15 p.m. – 7:45 p.m.

Room: Grand Ballroom Salons A-F, Marriott, 4th Floor

Opening Remarks: **Thomas J. Baerwald**, National Science Foundation

Welcome and Introduction: **Douglas Richardson**, AAG Executive Director

Speaker: **Jeffrey Sachs**, Director of the Earth Institute at Columbia University

For more than twenty years, Dr. Jeffrey D. Sachs has been in the forefront of the challenges of economic development, poverty alleviation, and enlightened globalization, promoting policies to help all parts of the world benefit from expanding economic opportunities and well-being. Sachs is director of the Earth Institute, Quetelet Professor of Sustainable Development, and Professor of Health Policy and Management at Columbia University. He has also served as director of the U.N. Millennium Project and special advisor to former United Nations Secretary-General Kofi Annan on the Millennium Development Goals, and is president and co-founder of Millennium Promise Alliance, a nonprofit organization aimed at ending extreme global poverty. While he is widely acknowledged as a leading international economic advisor, Sachs is also one of the leading voices for combining economic development with environmental sustainability, and as director of the Earth Institute leads large-scale efforts to promote the mitigation of human-induced climate change. He is author of hundreds of scholarly articles and many books, including the New York Times bestseller *The End of Poverty*, and his most recent release, *Common Wealth: Economics for a Crowded Planet*. Sachs is a member of the Institute of Medicine of the National Academy of Sciences and is a research associate of the National Bureau of Economic Research. Prior to joining Columbia, he spent over twenty years at Harvard University, most recently as director of the Center for International Development. Sachs was named the 2007 AAG Honorary Geographer for his deep and abiding appreciation of a geographic perspective and through his exemplary global leadership in confronting the challenges of economic development, poverty alleviation, globalization, and environmental sustainability.

PRESIDENTIAL PLENARY

Opportunities and Challenges for Interdisciplinary Research

Wednesday, April 16, 5:00 p.m. – 6:30 p.m.

Room: Grand Ballroom Salons EF, Marriott, 4th Floor

Organized by: **Thomas J. Baerwald**, National Science Foundation

Introduction: **Thomas J. Baerwald**, National Science Foundation

Speakers:

Paul Longley is Professor of Geographic Information Science and Deputy Director of the Centre for Advanced Spatial Analysis at University College London. He will provide geographic perspectives on interdisciplinary interactions and will focus on links with other fields engaged in geographic information science.

Roger Downs is a Professor of Geography at Pennsylvania State University. He currently serves as Chair of the Geographical Sciences Committee of the National Research Council. Downs will focus on links with the behavioral sciences.

Nancy Grimm is a Professor of Ecology, Evolution, and Environmental Sciences and Co-Director of the Central Arizona-Phoenix Long-Term Ecological Research Project at Arizona State University. She also is a Past President of the Ecological Society of America. She will provide perspectives on the natural sciences and geography.

Ronald Rindfuss is Robert Paul Ziff Distinguished Professor of Sociology and a Carolina Population Center Faculty Fellow at the University of North Carolina, Chapel Hill. He is also a Senior Fellow at the East-West Center in Hawaii. Rindfuss will focus on interactions between the social sciences and geography.

All four speakers will present their perspectives on interactions between geography and a set of related fields. They have been encouraged to discuss interdisciplinary research that they and colleagues have undertaken, and they have been asked to offer constructive advice regarding ways that they think geographers can contribute more effectively and significantly to interdisciplinary research.

PLENARY SESSIONS

PAST PRESIDENT'S ADDRESS

by **KAVITA PANDIT**

The Internationalization of Higher Education: A Vital Role for Geographers

Thursday, April 17, 8:30 p.m. – 10:00 p.m.

Room: Grand Ballroom Salons EF, Marriott, 4th Floor

Introduction: **Thomas J. Baerwald**, National Science Foundation

Speaker: **Kavita Pandit**, State University of New York System Administration

The internationalization of higher education is a topic that has, in recent years, grabbed national attention. Building universities that are globally engaged is seen as critical to America's competitiveness, its national security, and even its place as a world leader. As a result, international education is increasingly defined in terms of training American students for the "global workforce" and attracting international students who will allow America to retain its technological edge. In this presentation, Pandit argues instead that internationalization needs to be viewed as an inseparable part of a liberal education. International education should be defined not in terms of a set of activities – e.g., study abroad, student recruitment, overseas partnerships – but in terms of the ways in which these activities transform our students. Geographers can play a vital role in ensuring that the core values of higher education are kept in focus as universities increasingly embrace internationalization.

AAG SPECIAL PLENARY

Spotlight on U.S. Geography Linkages to Developing Regions

Friday, April 18, 6:30 p.m. – 8:00 p.m.

Room: Grand Ballroom Salons EF, Marriott, 4th Floor

Welcome and Introductions: **Douglas Richardson**, AAG Executive Director

Speakers:

Lars Bromley, American Association for the Advancement of Science

Chris Beyrer, Bloomberg School of Public Health, Johns Hopkins University

Michael Sutcliffe, E. Thekwini Municipality, South Africa

Lee R. Schwartz, U.S. Department of State

Discussants:

Yonette Thomas, National Institutes of Health

Joseph Oppong, University of North Texas

Wilson Compton, National Institutes of Health

Cindy Fan, University of California, Los Angeles

Patricia Solis, AAG

The role of geography as a discipline in the developing world can be complex. This session highlights the activity and contributions of geographers – on both practical and intellectual levels – in developing countries. Today's speakers provide examples of the types of work currently being done in a variety of locations, from Africa to Southeast Asia. They also demonstrate the manifold ways in which geography can speak to issues and challenges facing societies around the world.

FEATURED SESSIONS

TUESDAY, APRIL 15

Writing for Success: Getting Geography Op-Eds into the Newspaper

Tuesday, April 15, 2:10 p.m. – 3:50 p.m.

Room: *Grand Ballroom Salon D, Marriott, 4th Floor*
(Panel Session)

Organizer(s): Deborah Popper, College of Staten Island

Chair(s): Deborah Popper, College of Staten Island

Panelists: Deborah Popper, College of Staten Island; Alexander B. Murphy, University of Oregon; Mary Lynne Bird, American Geographical Society; William G. Moseley, Macalester College; Jerry Dobson, University of Kansas; Timothy Ryan; David J. Keeling, Western Kentucky University

Session Description: The newspaper opinion piece is an important means of increasing the impact of one's own work and that of the field of geography. Newspapers, small and large, run them prominently. Whereas a journal article reaches a narrow, but well-targeted audience, an op-ed article has a potential readership of thousands and hundreds of thousands. It has the potential to place ideas and analyses on a national or local agenda that might otherwise languish behind ivy-covered walls. It can influence the framing of issues and the direction of discussion and action. Over the last few years, the American Geographical Society has run a successful op-ed service that distributes op-eds to about a thousand newspapers. The panel draws on the expertise of those who have had particular success at getting into the newspaper. Participants will talk about their own experiences and offer suggestions for what to write about, how to structure pieces, how to put together a series of op eds, how to promote them, and how to deal with feedback from readers. The objective of the panel is to increase the overall number of geographers writing op eds and to increase the likelihood of publication.

Indigenizing Spaces: Deep-Spatial Perspectives on Place (Sponsored by Indigenous Peoples Specialty Group)

Tuesday, April 15, 4:20 p.m. – 6:00 p.m.

Room: *Simmons Room, Marriott, 3rd Floor* (Paper Session)

Organizer(s): RDK Herman, National Museum of the American Indian

Chair(s): Jay T. Johnson, University of Nebraska

4:20 Daniel R. Wildcat*, Haskell Indian Nations University,
Indigenizing Spaces: Deep-Spatial Perspectives on Place.

WEDNESDAY, APRIL 16

Developing GIScience and Geographic Analysis Programs at Universities which do not have Geography Departments

Wednesday, April 16, 10:10 a.m. – 11:50 a.m.

Room: *Dartmouth Room, Marriott, 3rd Floor* (Panel Session)

Organizer(s): Scott Bell, Brown University; Peter Bol, Harvard University; Douglas Richardson, AAG Executive Director

Chair(s): Douglas Richardson, AAG Executive Director

Panelists: Peter Bol, Harvard University; Daniel G. Brown, University of Michigan; Karen C. Seto, Stanford University; Scott Bell, Brown University; John Logan, Brown University; Robert S. Chen, CIESIN/Columbia University; Douglas Richardson, AAG Executive Director

The Gilbert F. White Award Symposium: Social Vulnerability, Environmental Inequality, and Childhood Asthma in Phoenix, Arizona (Sponsored by Hazards Specialty Group)

Wednesday, April 16, 3:10 p.m. – 4:50 p.m.

Room: *Conference Room 6, Sheraton, 5th Floor*
(Panel Session)

Organizer(s): Ron R. Hagelman, Texas State University

Chair(s): Ron R. Hagelman, Texas State University

Panelists: Deborah Thomas, University of Colorado, Denver; Jayajit Chakraborty, University of South Florida; Jerry T. Mitchell, University of South Carolina; John P. Tiefenbacher, Texas State University; Sara Grineski, University of Texas at El Paso

Session Description: This special panel session will showcase the winner of the 2007 Gilbert F. White Award; which is awarded to the author of an outstanding hazards-related thesis or dissertation. Sara Grineski will present her dissertation "Social Vulnerability, Environmental Inequality, and Childhood Asthma in Phoenix, Arizona." Discussants include reviewers of the 2007 Gilbert F. White Award and other hazards researchers working on related topics.

FEATURED SESSIONS

THURSDAY, APRIL 17

Weston Dow & Nancy Freeman Dow [1930-2005] Geographers on Film Review and Prospects (Sponsored by Association of American Geographers, AAG Archive and Association History Committee, History of Geography Specialty Group)

Thursday, April 17, 10:10 a.m. – 11:50 a.m.

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

Organizer(s): Frederick E. Nelson, University of Delaware

Chair(s): Frederick E. Nelson, University of Delaware

Introduction and welcoming remarks: Douglas Richardson
10:20 Maynard Weston Dow*, Plymouth State University, *Four
Decades of Geographers on Film*.

10:40 Geoffrey J. Martin*, Southern Connecticut State
University, *Archival Holdings and the History of American
Geography*.

Discussant(s): Rachel S Franklin, Association of American
Geographers; Geoffrey J. Martin, Emeritus, Southern
Connecticut State University

Session Description: This session will feature 25 Archival
Gems, including Sauer, Leighly, Broek, Spencer, Kniffen,
Kohn, Hartshorne, Martin, James, McBryde, Lukermann,
Mikesell, Marcus, Hildegard Binder Johnson, Robinson, Basile,
Espenshade, Zelinsky, White, Harris, Ullman, Aschmann,
Gottmann, Chorley, Freeman.

1491: The Geography of the Americas Before Columbus, with 2008 Honorary Geographer Charles Mann

Thursday, April 17, 11:55 a.m. – 12:55 p.m.

Room: Essex North-West, Westin, 3rd Floor (Panel Session)

Organizer(s): Douglas Richardson, AAG Executive Director

Chair(s): Douglas Richardson, AAG Executive Director

Session Description: Charles Mann, author of *1491: New
Revelations of the Americas before Columbus*, and the AAG's
2008 Honorary Geographer will speak on the geography of the
pre-Columbian Americas. Mann's writings on pre-Columbian
Indian landscapes, populations, and cultures have prompted an
intellectually rich discourse on how history has described the
land the Europeans encountered when they first arrived in the
Americas. This discourse, in turn, has been the root of a shift in
our basic understanding of the pre-colonial Americas.

1491 challenges the general premise that, prior to Columbus's
arrival in 1492, the "new world" was sparsely populated by
culturally unsophisticated peoples. On the contrary, suggests
Mann, the Americas were likely much more densely populated
than previously thought and the influence of Indians on the
world around them was far from negligible. *A book signing with
Charles Mann will immediately follow this session.*

Spatial Governance and the New Capitalism (Sponsored by International Journal of Urban and Regional Research)

Thursday, April 17, 11:55 a.m. – 12:55 p.m.

Room: Fairfield Room, Marriott, 3rd Floor (Panel Session)

Organizer(s): Roger Keil, York University

Chair(s): Roger Keil, York University

11:55 Alan Harding, University of Manchester

Archival Films in Honor of Geoffrey J. Martin, Maynard Weston Dow & Nancy Freeman Dow [1930- 2005]: Geographers on Film I: Fair Harvard -William Morris Davis et al (Sponsored by Association of American Geographers, AAG Archives and Association History Committee, History of Geography Specialty Group)

Thursday, April 17, 1:00 p.m. – 2:40 p.m.

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

Organizer(s): Frederick E. Nelson, University of Delaware

Chair(s): Maynard Weston Dow, Plymouth State University

Discussant(s): Maynard Weston Dow, Plymouth State
University; Geoffrey J. Martin, Emeritus, Southern Connecticut
State University

Session Description: This session will include the following
film presentations: Robert P. Beckinsale [1908-1999], William
Morris Davis, NESTVAL; Banquet Address, New Haven CT,
1975; Preston E. James [1899-1986] and Geoffrey J. Martin,
Early 20th Century; Disciples of William Morris Davis,
Louisville KY, 1980; J. Rowland Illick [1919-1997], Harvard in
the 1940s, 1985.

Archival Films in Honor of Geoffrey J. Martin, Maynard Weston Dow & Nancy Freeman Dow [1930- 2005]: Geographers on Film II: Several Notables (Sponsored by Association of American Geographers, AAG Archives and Association History Committee, History of Geography Specialty Group)

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

Organizer(s): Frederick E. Nelson, University of Delaware

Chair(s): Maynard Weston Dow, Plymouth State University

Discussant(s): Geoffrey J. Martin, Emeritus, Southern
Connecticut State University; Maynard Weston Dow, Plymouth
State University; Donald A. Friend, Minnesota State University;
Donald C. Dahmann

Session Description: This session will feature the following
eight selections (5-7 minute clips), each followed by discussion:
Carl O. Sauer [1889-1975], 1970; Henry J. Bruman [1913-2005]
re Sauer, 1985; Donald W. Meinig, 1971; Fred E. Lukermann &
Hildegard Binder Johnson [1908-1993] re Ralph Brown, 1986;
Peter Haggett & Richard J. Chorley [1927-2002], 1982; Ronald
J. Johnston, 1982; Jean Gottmann [1915-1994], 1982; Melvin G.
Marcus [1929-1997] & Harold A. "Duke" Winters [1930-2005].

FEATURED SESSIONS

Exploring International Interdisciplinary Research Collaboration in the Americas (Sponsored by Conference of Latin Americanist Geographers)

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)

Organizer(s): Patricia Solís, Association of American Geographers; David J. Robinson, Syracuse University

Chair(s): Patricia Solís, Association of American Geographers

3:10 Patricia Solís, PhD*, Association of American Geographers, *An Overview of International Research Collaboration among Geographers and Other Scholars of the Americas: Dimensions, Opportunities, and Best Practices.*

3:27 Arturo Sanchez-Azofeifa*, University of Alberta, *The Tropi-Dry Project: Building bridges across national, cultural, and disciplinary borders.*

3:47 Miguel Aguilar-Robledo*, Universidad Autonoma De San Luis Potosi, *The AGS México Indígena Project: US, Canadian and Mexican Geographers working together in Mexico.*

4:07 Zephyr Frank*, *Rendering Rio de Janeiro in the Nineteenth Century: Spatial History and Visualization.*

Discussant(s): Geraldo Wilson; Peter H. Herlihy, University of Kansas; Sidney Chalhoub; David J. Robinson, Syracuse University

Session Description: This session explores international interdisciplinary collaboration through a set of exemplary research projects among geographers and other scholars in the Americas. An overview of recent research findings about international collaboration among geographers in the hemisphere preface a set of papers that describe ongoing successful interdisciplinary and multi-country projects in detail. Speakers conducting work in Canada, the US, Mexico, Costa Rica, Panama, Venezuela, and Brazil offer their insights and highlight lessons learned from the experience of building and maintaining major research efforts across cultural, national, linguistic, and disciplinary borders. Featured projects addresses a diverse range of interests, from geographic technologies, ecological biodiversity and conservation, indigenous rural land use, to urban historical spaces. A discussion following the papers will explore opportunities for collaborative activities among geographers and related scholars of the Americas. The session builds upon a long-term initiative of special sessions at AAG Annual Meetings to explore the state of geography in the Americas and build collaboration among geographers in the hemisphere. Attendees are invited to stay for a wine reception immediately following the session.

Global Dialogues on Emerging Science and Technology in Africa (GDEST 2008): Geospatial Sciences for Sustainable Development (Sponsored by Africa Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: Exeter Room, Marriott, 3rd Floor (Panel Session)

Organizer(s): Lee R. Schwartz, U.S. Department of State

Chair(s): Lee R. Schwartz, U.S. Department of State

Panelists: Lee R. Schwartz, U.S. Department of State; Douglas Richardson, AAG Executive Director; Jerry Dobson, University of Kansas; Joshua Comenetz, U.S. Census Bureau; Nathan Heard, U.S. Department of State; Lowry Taylor, U.S. Department of State; John Kelmelis, US Geological Survey; Paul Bartel, U.S. Department of State

Session Description: The U.S. Department of State, under the joint leadership of The Geographer and the Science Adviser, from March 1-20 2008 conducted a three-week program in 8 African countries that focused on advancing cooperation on Geospatial Sciences for Sustainable Development in Africa. This was the most recent in a series of bilateral and multilateral studies that comprise the State Department's Global Dialogues on Emerging Science and Technology (GDEST) initiative to examine advancing science and technology in different regions of the world. GDEST activities are intended to contribute to global security, addresses human aspects of sustainability, and advance opportunities for shared knowledge on emerging science and technology (S&T). They facilitate interactions between leading U.S. scientists and practitioners and their foreign peers, with a special emphasis on involving young investigators. GDEST 2008/Africa consists of two teams of US government and non-government geographers visiting 8 African countries in order to gain a better understanding of the capabilities and capacities of institutions and individuals engaged in geospatial science research and applications, with a focus on sustainable development. The countries visited were: Niger, Burkina Faso, Senegal, Nigeria, Kenya, Rwanda, Botswana, and South Africa. The GDEST capstone was a conference in Cape Town organized according to the following themes: (1) observing Africa; (2) analysis of regional change and challenges to Africa; and (3) data, information sharing, and collaboration. Panelists will discuss findings from the site visits as well as the highlights that emerged from the conference papers presented both by American and African scientists, researchers, and practitioners.

FEATURED SESSIONS

National Research Council Study: Strategic Directions for the Geographical Sciences in the Next Decade

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: *Fairfield Room, Marriott, 3rd Floor* (Panel Session)

Organizer(s): Caetlin Ofiesh, National Research Council

Chair(s): Alexander B. Murphy, University of Oregon

Session Description: The National Research Council has undertaken a study entitled *Strategic Directions for the Geographical Sciences in the Next Decade*. An ad hoc committee has been appointed to carry out this study, and as part of its information gathering efforts, the committee will be holding a session at the AAG meeting to gather input from the community on its charge of formulating a short list of high priority research questions in the geographical sciences that are relevant to societal needs. Invited speakers will present their views on the committee's charge, with a brief period allotted after the presentations for general questions and input.

Research on Graduate Education in Geography: A Review and Discussion of Findings

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: *Harvard Room, Marriott, 3rd Floor* (Panel Session)

Organizer(s): Beth Schlemper, University of Toledo; Michael N. Solem, Association of American Geographers

Chair(s): Beth Schlemper, University of Toledo

Introducer(s): Kenneth E. Foote, University of Colorado

3:20 Michael N. Solem*, Association of American Geographers; Jenny Lee, co-author, University of Arizona; Beth Schlemper, co-author, University of Toledo, *Departmental climate and student experiences in graduate geography programs*

3:40 Ivan Cheung*, Insurance Institute for Highway Safety; Michael Solem, The Association of American Geographers, Beth Schlemper, The Association of American Geographers, *Skills in Professional Geography: An Assessment of Workforce Needs and Expectations*

Discussant(s): Janice Monk, University of Arizona; Beth Schlemper, University of Toledo; Nathan J. Sessoms, University of Southern California; Bradley Blumer, Michigan State University; Nick Hopwood, Oxford University

Session Description: This session will feature two papers reporting the first set of research findings by the AAG's Enhancing Departments and Graduate Education (EDGE) project, funded by the National Science Foundation. The session will begin with a brief overview of the goals and design of EDGE as an example of a discipline-based approach to studying the process and outcomes of graduate education. Following the introduction will be two papers. The first paper reports a comparative analysis of graduate students' perceptions of departmental climate and experiences within M.A. and Ph.D. geography programs. The second paper focuses on the skills expected of geography graduates in different sectors of the U.S. workforce. Session discussants will consider the implications of the research for improving climate and professional development practices in graduate programs.

Plenary Lecture of Political Geography Specialty Group and Elsevier Science, publishers of Political Geography (Sponsored by Political Geography Specialty Group)

Thursday, April 17, 5:20 p.m. – 7:00 p.m.

Room: *Essex North-East, Westin, 3rd Floor* (Paper Session)

Organizer(s): John O'Loughlin, University of Colorado

Chair(s): John O'Loughlin, University of Colorado

Introducer: John O'Loughlin, University of Colorado

5:30 Gerard Toal*, Virginia Tech, *Terrorism's Thick and Thin Geographies: The Case of Beslan*.

Discussant(s): Erinn Patrick Nicley, University of Illinois; Dmitry Gorenburg, Harvard University; Kristin Bakke, Harvard University

Session Description: Annual lecture by a prominent political geography sponsored by the specialty group and Elsevier Science, the publishers of Political Geography. The lecture of 45 minutes is followed by three commentaries and a reply.

The Waldo Tobler Distinguished Lecture in GIScience: Connecting Cyberinfrastructure and Geographic Information Science

Thursday, April 17, 5:20 p.m. – 7:00 p.m.

Room: *Fairfax A, Sheraton, 5th Floor* (Paper Session)

Organizer(s): Elizabeth A. Wentz, Arizona State University

Chair(s): Elizabeth A. Wentz, Arizona State University

Panelist(s): Marc P. Armstrong, University of Iowa

Introducer(s): Elizabeth A. Wentz, Arizona State University

Session Description: The GIS Specialty Group is pleased to have Marc Armstrong, The University of Iowa, as the speaker for the annual special lecture series. There will be a reception immediately following the presentation. We hope to see everyone there!

Film Screening: EVERYTHING'S COOL (Sponsored by Bullfrog Films)

Thursday, April 17, 5:30 p.m. – 8:00 p.m.

Room: *Vermont Room, Marriott, 5th Floor* (Film Screening)

Organizer(s): Bullfrog Films

Introduction by: Directors Daniel B. Gold and Judith Helfand, and prize-winning journalist Ross Gelbspan

Session Description: A "Downright euphoric" (VARIETY) Global Warming "toxic comedy" about the most dangerous chasm ever to emerge between scientific understanding and political action. America finally gets global warming, but where's the decisive action? EVERYTHING'S COOL Directors Daniel B. Gold and Judith Helfand, and, prize-winning journalist Ross Gelbspan, author of *The Heat Is On: the Climate Crisis*, the *Cover-Up*, the *Prescription*, will introduce the film, then discuss the issues raised, and the prospects for transformative action on global warming in this political climate.

FEATURED SESSIONS

FRIDAY, APRIL 18

Spatial Turns and Cutting Edges: Geographers Engage with Interdisciplinarity

Friday, April 18, 8:00 a.m. – 9:40 a.m.

Room: Essex North-West, Westin, 3rd Floor (Paper Session)

Organizer(s): Jamey Essex, University of Windsor; Clayton Rosati, Bowling Green State University

Chair(s): Jamey Essex, University of Windsor

Panelist(s): Peter Bol, Harvard University; Steven Tufts, York University; Carolyn Gallaher, American University; Glen Elder, University of Vermont; Thomas J. Baerwald, National Science Foundation; Jonnell Allen

Session Description: A recent trope in geography contends that the field offers other disciplines a rich vein of invigorating and previously untapped theories, concepts, and technologies to better understand contemporary social, economic, cultural, environmental and political processes. Debates on place, locality, scale, nation, landscape, and other common and perhaps foundational concepts in human geography are seen as central to expanding an interdisciplinary approach to social science, while a widespread “spatial turn” across the social sciences appears to verify such a contention. Similar hopes for expanded interdisciplinarity are articulated based on the application of GIS and other cartographic technologies to a wide range of physical and social science research themes. As other social and physical scientists take up geographic concepts, debates, and techniques, the question of how exactly geographers participate in the “spatial turn” as a fundamentally interdisciplinary endeavor must be asked. This panel seeks to explore this question and the myriad ways in which geographers can and should engage with the concept and practice of interdisciplinarity. Specific topics to be addressed could include: The “erosion” and/or reproduction of disciplinary boundaries; Key debates in other disciplines in which geographers should participate; Interdisciplinarity and pedagogy; Research and publishing across and between disciplinary lines; or Institutional support for and/or constraints on interdisciplinarity. *Panelists will first offer short, 5-7 minute observations on these or other topics, and we will then open the floor for discussion.*

Geography and Federal Education Policy: Better Positioning our Discipline for the Future (Sponsored by Association of American Geographers)

Friday, April 18, 10:10 a.m. – 11:50 a.m.

Room: Grand Ballroom Salon C, Marriott, 4th Floor
(Panel Session)

Organizer(s): John Wertman, Director of Public Policy, Association of American Geographers

Chair(s): John Wertman, Director of Public Policy, Association of American Geographers

Panelists: Daniel Edelson, Vice President for Education & Children’s Programs, National Geographic Society; Carmel Martin, U.S. Senate Committee on Health, Education, Labor, and Pensions; John Wertman, Director of Public Policy, Association of American Geographers

Discussant(s): Howard J. Silver, Executive Director, Consortium of Social Science Associations

A Conversation with Noam Chomsky (Sponsored by Association of American Geographers)

Friday, April 18, 2:30 p.m. – 4:10 p.m.

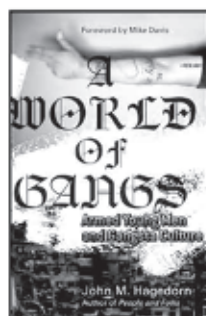
Room: Grand Ballroom C, Marriott, 4th Floor (Panel Session)

Organizer(s): Douglas Richardson, AAG Executive Director
Introduction and welcoming remarks: Douglas Richardson, AAG Executive Director

Panelists: Douglas Richardson, AAG Executive Director; Noam Chomsky, Massachusetts Institute of Technology

Session Description: Noam Chomsky, Institute Professor of Linguistics at the Massachusetts Institute of Technology, will engage in a conversational interview with AAG Executive Director Douglas Richardson. The interview will be followed by an opportunity for audience participation through a question and answer period.

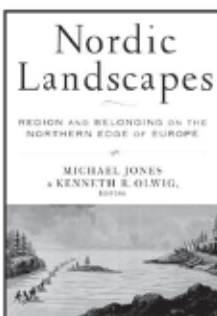
Chomsky has written and lectured widely on linguistics, philosophy, intellectual history, contemporary issues, international affairs, and U.S. foreign policy. His work on the nature of human language and communication has profoundly transformed the field of linguistics, and greatly influenced science and philosophy more broadly. *New York Times Magazine* writer Daniel Yergin characterizes Chomsky’s “formulation of ‘transformational grammar’ as one of the major achievements of the century. His work has been compared to the unraveling of the genetic code of the DNA molecule.” The “Chomskyan Revolution,” has also generated intellectual reverberations across many disciplines, including geography, anthropology, education, psychology, and genetics. Chomsky is also an impassioned critic of American foreign policy, and of corporate and governmental power. His now classic book on the role of intellectuals in American society, *American Power and the New Mandarins*, greatly influenced the debate on the Vietnam War, and continues to prompt examination of the complicity of intellectuals in implementing policies of entrenched power to this day. Chomsky is one of the most frequently cited scholars of all time and has received literally hundreds of prestigious scholarly awards, honors, prizes, fellowships, distinguished professorships, and honorary degrees.



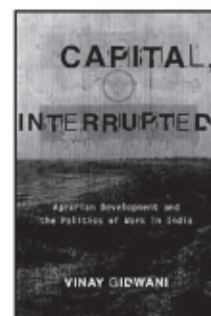
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INDIGENOUS PEOPLES SPECIALTY GROUP SPECIAL SYMPOSIUM

TUESDAY, APRIL 15

The Colonial Present I: Reclaiming Sovereignty and Identity (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Indigenous Peoples Specialty Group)

Tuesday, April 15, 12:00 p.m. – 1:40 p.m.

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

Organizer(s): RDK Herman, National Museum of the American Indian

Chair(s): G. Rebecca Dobbs, Emporia State University

12:00 Fletcher P. Chmara-Huff, MA*, Ohio State University, *Postcolonial, indigenous, decolonial: can geography survive.*

12:20 Heather Dorries*, University of Toronto, *De-colonizing Geography/Reclaiming Indigenous Space: A Review of Current Literature on Indigenous Contributions to Geographic Methods and Thought.*

12:40 Michael D. Smith*, University of British Columbia, *Dominions of Canada: Nation-State, Territory and Imperial Power in the Age of Terror.*

1:00 Brian Egan*, Carleton University, *From Joseph Trutch to Steven Point: The Long Road to Reconciliation in British Columbia.*

1:20 Laura Smith*, Macalester College, *Tribal Self-Determination through GIS? An Examination of Three Minnesota Tribes.*

Session Description: This first of five sessions on the “Colonial Present” brings together scholars who work on the “postcolonial” and on “indigenous geography” to discuss the relationship between indigenous and post-colonial studies. This session examines the current exercise of power in settler societies over indigenous sovereignty and identity. The first paper takes as its starting point that the discipline is constructed within a colonial present, as a relic of disciplinary formation in a colonial past, and considers how through exploring alternative geographies, the discipline may have the potential to decolonize itself. The second paper considers how while knowledges of Indigenous peoples have been marginalized in academia, the validity of various forms of Indigenous knowledge are slowly gaining recognition within various disciplines—including Geography. The paper will review the relationship of indigenous knowledge to Geography, and then pursue the primary issue of indigenous sovereignty and identity in settler societies. The third paper will explore the position of second-tier or “sub-imperial” powers within the resurgent American imperium, in the lengthening shadow of 9/11 and a perpetual Global War on Terror. The fourth paper follows with an examination of reconciliation in Canada, both in a broader context and in the particular case of British Columbia, focusing on the language and symbolism of reconciliation and on what reconciliation might look like on the ground. The final paper will examine how the use of GIS is or is not contributing to self-determination, specifically in the land management activities of three northern Minnesota Ojibwe tribes.

Climate Change and Indigenous Peoples I: Policy and Justice (Sponsored by Indigenous Peoples Specialty Group, Human Dimensions of Global Change Specialty Group)

Tuesday, April 15, 2:10 p.m. – 3:50 p.m.

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

Organizer(s): RDK Herman, National Museum of the American Indian

Chair(s): Joseph J. Hobbs, University of Missouri

2:10 Elizabeth S. Vidon*, Indiana University, *“The Sacred and the Profane: Landscape and Identity Change Among the Inuit”.*

2:30 Sarah F. Trainor, Ph.D.*, University of Alaska, Fairbanks; F. Stuart Chapin, III., Ph.D., University of Alaska, Fairbanks; Henry Huntington, Ph.D., Huntington Consulting; David C Natcher, Ph.D., University of Saskatchewan, Canada; Gary Kofinas, Ph.D., University of Alaska, Fairbanks, *Arctic Climate Impacts and Response: Environmental Injustice in Canada and the United States.*

2:50 Sonia Wesche, PhD Candidate*, Wilfrid Laurier University; Derek Armitage, PhD, Wilfrid Laurier University, *Stories of the Future: Adaptation Planning with Indigenous Communities Using Qualitative Scenarios.*

3:10 Siri Veland*, Macquarie University, Sydney, *Promoting social justice in climate change adaptation strategies for Aboriginal Australia.*

3:30 Zoltan Grossman, Ph.D.*, The Evergreen State College, *The United League of Indigenous Nations Treaty and Crossborder Cooperation.*

Session Description: This third session on Climate Change and Indigenous Peoples focuses on issues on planning and policies for social and environmental justice. The first paper draws on ethnographic material from the community of Iqaluit, Nunavut Territory and its inhabitants, this study attempts to demonstrate the connection between the physical Arctic environment and the changing identities of the Inuit of Iqaluit, including shifting generational and gender differences, and in the social problems that have come to plague the community. The second paper looks at Environmental In-justice in Canada and the United States, and the unequal distribution of burdens and benefits related to climate change within more developed, or 1st World. The third paper reports on qualitative studies in the Dene-Métis community of Fort Resolution, Northwest Territories, where pictorial representations of three alternate futures related to climate variability and resource development were used to examine community vulnerability and adaptive capacity under changing social and environmental conditions. The fourth paper considers the challenges presented in developing Australian adaptation strategies to climate change. Such plans are expected to impact on Aboriginal livelihoods by affecting sacred sites, natural resources, housing, roads and health. The final paper focuses on The United League of Indigenous Nations Treaty and identifies specific areas of cross-border cooperation proposed or developed among indigenous nations in responding to the climate change crisis, and in building a larger solidarity around treaty rights, natural resource protection, and cultural revitalization.

INDIGENOUS PEOPLES SPECIALTY GROUP SPECIAL SYMPOSIUM

Indigenizing Spaces: Deep-Spatial Perspectives on Place (Sponsored by Indigenous Peoples Specialty Group)

Tuesday, April 15, 4:20 p.m. – 6:00 p.m.

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

Organizer(s): RDK Herman, National Museum of the American Indian

Chair(s): Jay T. Johnson, University of Nebraska

4:20 Daniel R. Wildcat*, Haskell Indian Nations University, *Indigenizing Spaces: Deep-Spatial Perspectives on Place*.

Session Description: The notion that places/spaces require “indigenizing” is a response to the dominant problem our planet faces today: most of Mother Earth’s landscapes and seascapes have been extensively modified by a human cultures, essentially shaped by a Western logic and world-view, with damaging consequences to the environment and ecosystems that constitute these places. The challenge Indigenous Peoples face in this time of greatly accelerated climate change—the Age of Global Burning—is complex, but this paper argues it is fundamentally two-fold in character: first, how do we maintain deep-spatial traditions of life-connectedness to places we call home? And second, in places where environmental destruction has seriously disrupted these deep-spatial traditions, how do we restore and in some cases even imagine ways to reconstitute sustainable nature-culture nexuses to allow for the emergence of ‘new’ deep-spatial Indigenous traditions? This paper suggests one useful way to approach the climate-change challenge is to enact Indigenous ingenuity or Indigenuity. By doing so Indigenous Peoples can demonstrate that what much of what humankind presently faces has less to do with ‘nature’, but more to do with resituating culture in a nexus of nature and culture.

WEDNESDAY, APRIL 16

Indigenous Peoples and Protected Areas: Conservation Through Self-Determination (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group, Latin America Specialty Group)

Wednesday, April 16, 8:00 a.m. – 9:40 a.m.

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

Organizer(s): Stan Stevens, University of Massachusetts

Chair(s): Stan Stevens, University of Massachusetts

8:00 Bethany Janna Haalboom*, Duke University, *Global Influences on Local Decisions: the role of transnational networking in shaping indigenous peoples’ responses to protected areas in Suriname*.

8:20 Scott A Heyes, Dr*, The University of Melbourne, Faculty of Architecture, Building and Planning, *Arctic Parks: Rethinking the Role of Protected Areas in an Indigenous Context*.

8:40 Brian W. Conz*, University of Massachusetts, Amherst, *Mayan Autonomy through Protected Areas in Western Guatemala: Engaging the Possibilities and Contradictions*.

9:00 Emily T Yeh*, University of Colorado, *Conservation, environmental subject-formation and spaces of cultural assertion in Tibet*.

9:20 Stan Stevens, Associate Professor*, University of Massachusetts, Amherst, (Post) *Colonial Protected Areas as Liberation Ecologies: Self-Determination and Conservation in a Sharwa (Sherpa) Homeland and National Park*.

Session Description: This session continues a practice over the past several years of providing a venue at the AAG annual meetings for discussions of conservation, difference, and social justice and for analyses of the diverse political ecologies created by the establishment of protected areas by Indigenous peoples, states, and NGOs in Indigenous peoples’ territories. This session’s papers critically assess the possibilities created by new local environmentalist discourses and transnational conservation collaborations in Tibet, Inuit perceptions and responses to protected area establishment and management in Nunavik in northern Quebec, collaborations by Indigenous peoples in Suriname with national, regional, and international organizations to gain legal land ownership and increased management authority in protected areas, and the possibility that Sherpas in Nepal and Maya in Guatemala may find (post) colonial protected area development a means of maintaining or regaining autonomy and self-determination.

The Colonial Present II: Geographical Imaginations (Sponsored by Political Geography Specialty Group, Indigenous Peoples Specialty Group, Social and Cultural Geography)

Wednesday, April 16, 10:10 a.m. – 11:50 a.m.

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

Organizer(s): RDK Herman, National Museum of the American Indian

Chair(s): Soren Larsen, University of Missouri

10:10 Federico Caprotti*, University College London, *Techno-natural Imaginations of Empire: Colonial Aviation in Fascist Italy*.

10:30 Amanda E. Cravens*, University of Canterbury, *Storytelling about Pristine Mountains: Visitor Interpretation in New Zealand’s Te Wahipounamu World Heritage Area*.

10:50 Steven E Silvern*, Salem State College, *Paranoid Nationalism and the Geographical Imaginings of the Modern Anti-Indian Movement in the United States*.

11:10 Helen Maisie Ngaire Te Whatu ki te Ao Huna Hayward, Dr*, School of Educational Studies & Human Development, College of Education, Te Whare Wananga o Waitaha/University of Canterbury, Christchurch, Aotearoa/new Zealand, *Restless Spirits in ‘Spiritless’ Places Place-conscious education - lessons for the academy*.

11:30 Julianne Hazlewood*, University of Kentucky, *Reclaiming, Recreating, and Re-presenting “Indigenous” Assimilation Experiences in ‘Ethnic’ Im/migration Geographies*.

Session Description: This fourth session on the “Colonial Present” focuses on imaginings: both hegemonic representations/constructions of indigenous peoples that facilitate the perpetuation of colonial present/presence, and the production of new indigenous discourses of place and identity. The first paper explores the links between aviation, imperialism and the generation of geographical imaginings in fascist Italy,

INDIGENOUS PEOPLES SPECIALTY GROUP SPECIAL SYMPOSIUM

(session description continued from previous page)

analyzing aviation as a hybridisation process uniting a rational yet geographically situated political-ideological system with an identified colonial space. The second paper examines the different ways a Ngai Tahu story in New Zealand is told in publications and in visitor centers of the world heritage area management units, and explores how stories in these interpretation materials serve as sites of political negotiation over different understandings of this landscape. The third paper explores the continuing existence and geographical dimensions of anti-Indian sentiment in North America. It utilizes the concept of “paranoid nationalism” to examine the colonialist geographical goals and imagination of the anti-Indian movement in the United States. The fourth paper will look at how underscoring ‘ethnic’ im/migrant’s and Indigenous people’s common experiences with postcolonial policies could lead to opportunities to reclaim similarities and differences in their stories, to recreate contemporary identity and to re-present points of intersection for integrative and decolonizing social change agendas. The final paper considers the emerging field of place-conscious education, and how its orientation towards social justice, accountability and local/global knowledge synthesis offers an entry point for a more robust appreciation of the physical/spiritual relationships and attachments.

New Stories for Old Places I: Philosophy of Place for Indigenous Geographies (Sponsored by Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)

Wednesday, April 16, 1:00 p.m. – 2:40 p.m.

Room: *Staffordshire, Westin, 3rd Floor* (Paper Session)

Organizer(s): Soren Larsen, University of Missouri; Jay T. Johnson, University of Nebraska

Chair(s): Ezra Zeitler, University Of Nebraska-Lincoln
1:00 Soren Larsen*, University of Missouri, *Possibilities for place-based ethics in existential phenomenology and ‘new’ indigenous social movements.*

1:20 Jay T. Johnson*, University of Nebraska, *Indigeneity, Autochthony and Place.*

1:40 Brian J. Murton*, University of Hawaii, *Maori Place Making.*

2:00 Tibusungu’e Vayayana*, National Taiwan Normal University, *Weaving Spatial Knowledge and People into a new Autonomous Ontology: the case of Taiwan’s Indigenous Cou Peoples.*

2:20 Mark H. Palmer*, University of Oklahoma, *Investing in Kiowa Country: A Story of Human Spirit and Memory.*

Session Description: The “New Stories for Old Places” sessions focus on grounding contemporary and historical examples of Indigenous politics within a robust philosophy of place that, in turn, will inform and promote productive place-based efforts in the future.

Geography Encounters the Indigenous: Assessing theory and methodology in Human Geography (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Indigenous Peoples Specialty Group)

Wednesday, April 16, 3:10 p.m. – 4:50 p.m.

Room: *Staffordshire, Westin, 3rd Floor* (Panel Session)

Organizer(s): RDK Herman, National Museum of the American Indian

Chair(s): RDK Herman, National Museum of the American Indian

Panelists: Neil Smith, City University Of New York; Ron Johnston, University of Bristol; Anne Godlewska; Cheryl McEwan, University of Durham; Lawrence D. Berg, University of British Columbia; Daniel Wildcat, Haskell Indian Nations University

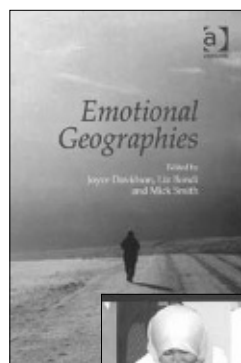
Session Description: Challenging work has been taking place in Indigenous Geography, including critical work on ontology, epistemology, and methodology. Some suggest that Indigenous Geography has critical theoretical contributions to significantly enhance our discipline—much as Feminism and postmodernism have changed the landscape of Human Geography. But the designation “indigenous” all too often is taken to suggest work that is peripheral, relevant to marginal peoples only.

The purpose of this session is to engage scholars of significant contribution to Human Geography in an exploration of the relationship of current work in Indigenous Geography to the discipline as a whole. It will provide a venue wherein Indigenous Geography and other areas of critical Geographic thought can be explored, and the insights offered by Indigenous geographic work assessed in regard to their place within the ongoing development of Human Geography.

This panel follows on the presentation of the Indigenous Peoples Specialty Group (IPSG) plenary speaker, Daniel Wildcat, Director of the Haskell Environmental Research Studies Center at Haskell Indian Nations University. Wildcat and Vine Deloria, Jr. have elaborated on the nature of ‘Indigenous Geography’ and argued for a reconceptualization of the relationship between people and place—not merely for Indians, but as a different paradigm for considering human-environment relations for society as a whole.

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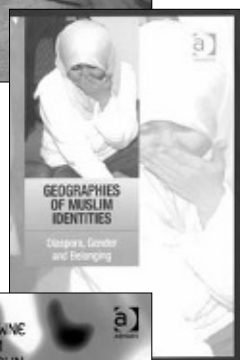


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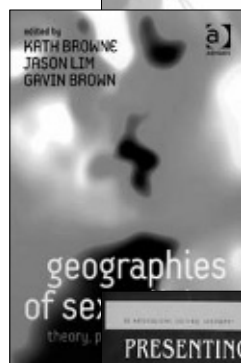
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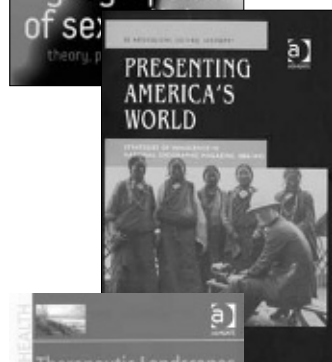
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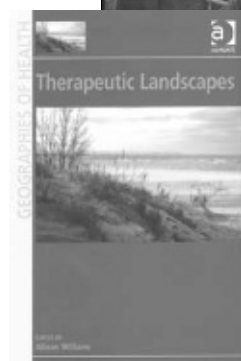
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SPECIALTY GROUP HIGHLIGHTED SESSIONS

Here we list one session from each Specialty Group that has chosen to participate in this listing of Specialty Group highlighted sessions. It is not necessary for a Specialty Group to list a highlighted session, and some Specialty Groups have chosen not to.

Africa Specialty Group

Africa's Economic Recovery: Opportunities and Challenges: In Memory of Professor Konadu-Agyeman (Sponsored by Africa Specialty Group)

Tuesday, April 15, 4:20 p.m. – 6:00 p.m.

Room: Orleans Room, Marriott, 4th Floor (Paper Session)

Organizer(s): Padraig Carmody, Padraig Carmody; Francis Owusu, Iowa State University

Chair(s): Francis Owusu, Iowa State University

4:20 Padraig Carmody, Ph.D.*, Trinity College Dublin, *Economic Recovery in Africa? The Zambian Case.*

4:40 Kefa M. Otiso*, Bowling Green State University, *The Role of Decentralization in Kenya's Economic Growth in the post-2003 Period.*

5:00 Peter A. Kyem*, Central Connecticut State Univ, *Shaping the Future of the Digital Economy: Mobile Phones and Socio-Economic Development in Ghana.*

5:20 Chris Benner*, University of California Davis; Jairus Rossi, Pennsylvania State University, *'An island off the west coast of Australia: ' Multiplex geography and the growth of outsourcing in Mauritius.*

Discussant(s): Jim Murphy, Clark University

Cartography Specialty Group

Impacts of Internet GIS and Virtual Globes on Cartographic Research (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Friday, April 18, 12:20 p.m. – 2:00 p.m.

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

Organizer(s): Ming-Hsiang Tsou, San Diego State University; André Skupin, San Diego State University

Chair(s): Michael P. Peterson, U of Nebraska-Omaha

12:20 Brandon S Plewe, PhD*, Brigham Young University, *Making Volunteer Mapping Work.*

12:40 Ming-Hsiang Tsou*, San Diego State University, *Cartographic Research Challenges in Internet-based Mapping Services and Virtual Globes.*

1:00 Barbara S Poore*, United States Geological Survey, *Push-pin Geography: Implications for the design of user-centered interfaces for Internet mapping.*

1:20 Bruce A. Ralston, PhD*, University of Tennessee; Joshua Streufert, University of Tennessee, *On-the-Fly Thematic Area Feature Mashups Using Census Data.*

1:40 Katarina Zsoldos Doctor*, George Mason University, United States Geological Survey, *Using visualization in Google Earth to bring scientific and environmental issues closer to the global public.*

China Specialty Group

Understanding China's Changing Economic Geography (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Thursday, April 17, 8:00 a.m. – 9:40 a.m.

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Panel Session)

Organizer(s): George Lin, University of Hong Kong; Alana Boland, University of Toronto

Chair(s): Henry Wai-chung Yeung, National University of Singapore

Panelists: Eric S. Sheppard, University of Minnesota - Minneapolis; Clifton W. Pannell, University of Georgia; James W. Harrington, University of Washington; Yehua Dennis Wei, University of Utah; Peter W. Daniels, University Of Birmingham; Shuguang Wang, Ryerson University

Communication Geography Specialty Group

The Infosphere: can it be managed? (Sponsored by Communication Geography Specialty Group)

Friday, April 18, 2:30 p.m. – 4:10 p.m.

Room: Hyannis Room, Marriott, 4th Floor (Panel Session)

Organizer(s): Paul C. Adams, University of Texas at Austin

Chair(s): Paul C. Adams, University of Texas at Austin

Panelists: Robert Kitchin, National University Of Ireland; Daniel Z. Sui, Texas A&M; Paul C. Adams, University of Texas at Austin

Discussant(s): Philip E. Steinberg, Florida State University

Developing Areas Specialty Group

Development Geography and the Human Dimensions of Environmental Change I: Conceptual Connections (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Friday, April 18, 2:30 p.m. – 4:10 p.m.

Room: Vermont Room, Marriott, 5th Floor (Panel Session)

Organizer(s): Ed Carr, University of South Carolina; Brent McCusker, West Virginia University

Chair(s): Brian King, University of Texas at Austin

Panelists: Billie L. Turner, Clark University; Anthony J Bebbington, University of Manchester; Ed Carr, University of South Carolina; Brian King, University of Texas at Austin; David L. Carr, UC Santa Barbara

SPECIALTY GROUP HIGHLIGHTED SESSIONS

Economic Geography Specialty Group

Roepke Lecture in Economic Geography (Sponsored by Economic Geography Specialty Group)

Friday, April 18, 12:20 p.m. – 2:00 p.m.

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

Organizer(s): Yuko Aoyama, Clark University; Sara McLafferty, University of Illinois

Chair(s): Jamie Peck, University of Wisconsin, Madison

Introducer: Kevin R. Cox

2:45 Michael Storper*, London School of Economics, *The Geography of Coleman's Bathtub*.

Discussant(s): Gilles Duranton, University of Toronto; Anders Malmberg, Uppsala University

Ethics, Justice and Human Rights Specialty Group

Ethics, Justice and Human Rights Specialty Group Plenary Lecture: Just carbon: Emissions trading, offsets, and the ethics of climate policy (Sponsored by Cultural and Political Ecology Specialty Group, Climate Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Wednesday, April 16, 3:10 p.m. – 4:50 p.m.

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Panel Session)

Organizer(s): Monica Varsanyi, Arizona State University

Chair(s): Monica Varsanyi, Arizona State University

Introducer: Amy Glasmeier

Introducer: Monica Varsanyi

Speaker: Diana M. Liverman, University Of Oxford

Ethnic Geography Specialty Group

Ethnic Geography Specialty Group Distinguished Scholar Lecture: Ceri Peach (Sponsored by Ethnic Geography Specialty Group)

Friday, April 18, 12:20 p.m. – 2:00 p.m.

Room: Vineyard Room, Marriott, 4th Floor (Panel Session)

Organizer(s): Wei Li, Arizona State University; Carlos Teixeira, University of British Columbia Okanagan

Chair(s): Carlos Teixeira, University of British Columbia Okanagan

Introducer: Carlos Teixeira

Discussant(s): Ron Johnston, University of Bristol; David F. Ley, University of British Columbia

Speaker: Ceri Peach, Oxford University

Geographic Perspectives on Women Specialty Group

Susan Hanson's 45 years in geography I: Feminism and geography post-collision (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group)

Friday, April 18, 12:20 p.m. – 2:00 p.m.

Room: Essex North-West, Westin, 3rd Floor (Panel Session)

Organizer(s): Marianna Pavlovskaya, Hunter College

Chair(s): Victoria A. Lawson, University of Washington

Panelists: Janice Monk, University of Arizona; Geraldine J. Pratt, University Of British Columbia; Sara McLafferty, University of Illinois; Sophia Bowlby, University of Reading; Robert W. Lake, Rutgers University; Valerie A. Preston, York University; Susan Hanson, Clark University

Hazards Specialty Group

The Gilbert F. White Award Symposium: Social Vulnerability, Environmental Inequality, and Childhood Asthma in Phoenix, Arizona (Sponsored by Hazards Specialty Group)

Wednesday, April 16, 3:10 p.m. – 4:50 p.m.

Room: Conference Room 6, Sheraton, 5th Floor (Panel Session)

Organizer(s): Ron R. Hagelman, Texas State University

Chair(s): Ron R. Hagelman, Texas State University

Panelists: Deborah Thomas, University of Colorado, Denver; Jayajit Chakraborty, University of South Florida; Jerry T. Mitchell, University of South Carolina; John P. Tiefenbacher, Texas State University; Sara Grineski, University of Texas at El Paso

Indigenous Peoples Specialty Group

Indigenizing Spaces: Deep-Spatial Perspectives on Place (Sponsored by Indigenous Peoples Specialty Group)

Tuesday, April 15, 4:20 p.m. – 6:00 p.m.

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

Organizer(s): RDK Herman, National Museum of the American Indian

Chair(s): Jay T. Johnson, University of Nebraska

4:20 Daniel R. Wildcat*, Haskell Indian Nations University, *Indigenizing Spaces: Deep-Spatial Perspectives on Place*.

Military Geography Specialty Group

The Geopolitics of American Empire (Sponsored by Military Geography Specialty Group)

Friday, April 18, 4:40 p.m. – 6:20 p.m.

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Panel Session)

Organizer(s): Joseph P. Hupy; Steven Oluic, USMA

Chair(s): Joseph P. Hupy

Panelists: Joseph P. Hupy; Steven Oluic, USMA; James A. Tyner, Kent State University

SPECIALTY GROUP HIGHLIGHTED SESSIONS

Population Specialty Group

Population Specialty Group and Ethnic Geography Specialty Group Joint Plenary Session: John Logan (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)

Thursday, April 17, 8:00 a.m. – 9:40 a.m.

Room: *Grand Ballroom Salon K, Marriott, 4th Floor*
(Panel Session)

Organizer(s): Wei Li, Arizona State University

Chair(s): Thomas J. Cooke, University of Connecticut

Introducer: Wei Li

Speaker: John Logan, Brown University

Transportation Geography Specialty Group

Fleming Lecture in Transportation Geography (Sponsored by Transportation Geography Specialty Group)

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: *Exeter, Sheraton, 3rd Floor* (Paper Session)

Organizer(s): Richard L. Morrill, University Of Washington

Chair(s): Richard L. Morrill, University Of Washington

Introducer: John Bowen

3:15 T. R. Lakshmanan, PhD*, Boston University, *The Broader Economic Consequences of Transport Infrastructure Investments*.

Discussant(s): Kingsley E. Haynes, George Mason University

Sexuality and Space Specialty Group

Sex and Gender in Election 2008: The Scene so Far (Sponsored by Sexuality and Space Specialty Group)

Thursday, April 17, 1:00 p.m. – 2:40 p.m.

Room: *Fairfax A, Sheraton, 3rd Floor* (Panel Session)

Organizer(s): Robert M. Vanderbeck, University of Leeds

Chair(s): Robert M. Vanderbeck, University of Leeds

Panelists: Glen Elder, University of Vermont; Laurie Essig, Middlebury College; Claire Elaine Rasmussen, University Of Delaware; Richard L. Morrill, University Of Washington; Lawrence Knopp, University of Minnesota-Duluth; Joni Seager, Hunter College

Spatial Analysis and Modeling Specialty Group

Special Session to honor Manfred M Fischer's contributions to Geography: Spatial Analysis and Modeling. 1. (Sponsored by Spatial Analysis and Modeling Specialty Group)

Friday, April 18, 2:30 p.m. – 4:10 p.m.

Room: *St. George B, Westin, 3rd Floor* (Paper Session)

Organizer(s): Suchi Gopal, Boston University; Arthur Getis, San Diego State University

Chair(s): Arthur Getis, San Diego State University

2:30 Manfred M. Fischer*, Vienna University of Economics & Business Administration; Thomas Scherngell, Vienna University of Economics and Business Administration; Martin Reismann, Vienna University of Economics and Business Administration, *Productivity in manufacturing and interregional knowledge spillovers*.

2:50 Arthur Getis, Professor Emeritus, San Diego State University*, San Diego State University, *In Honor of Manfred M. Fischer*.

3:10 Luc Anselin*, Arizona State University; Myunghwa Hwang, Arizona State University, *Cyberinfrastructure for Spatial Statistical Analysis*.

3:30 Jean-Claude Thill*, University of North Carolina at Charlotte, *Self-organizing Maps and Space-time Structures in Urban and Regional Systems*.

Discussant(s): Harvey J. Miller, University of Utah

Study of the American South Specialty Group

Latinos in the American South: New Southerners in a New South? (Sponsored by Study of the American South SG, Southeastern Geographer, Ethnic Geography Specialty Group)

Thursday, April 17, 5:20 p.m. – 7:00 p.m.

Room: *Grand Ballroom Salon C, Marriott, 4th Floor*
(Panel Session)

Organizer(s): Derek H. Alderman, East Carolina University; Rebecca Torres, University of Texas at Austin

Chair(s): Rebecca Torres, University of Texas at Austin

Panelists: Sarah A. Blue, Northern Illinois University; Altha J. Cravey, University Of North Carolina; Anita Drever, University of Tennessee; E Jeffrey Popke, East Carolina University; Heather Anne Smith, University of North Carolina at Charlotte; Jamie Winders, Syracuse University

Urban Geography Specialty Group

Urban Geography Plenary Lecture (Sponsored by Urban Geography Specialty Group)

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: *Simmons Room, Marriott, 3rd Floor* (Panel Session)

Organizer(s): Robert W. Lake, Rutgers University; Eugene McCann, Simon Fraser University

Chair(s): Robert W. Lake, Rutgers University

Introducers: Robert W. Lake; Eugene McCann

Discussant(s): Rachel Slocum; Susan Craddock, University of Minnesota

Speaker: Michael P. Brown, University of Washington

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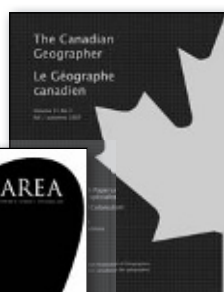
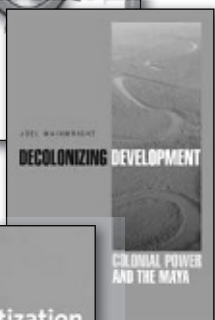
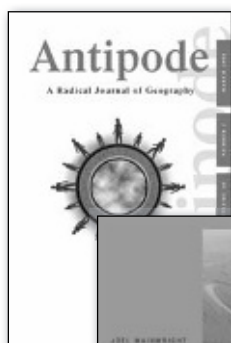
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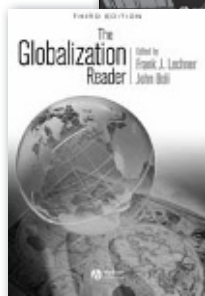
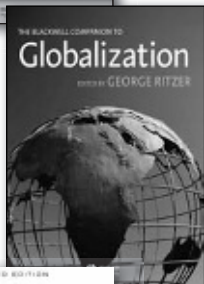
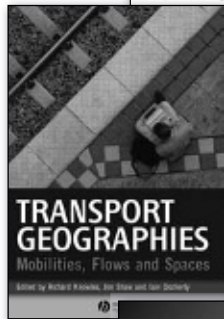
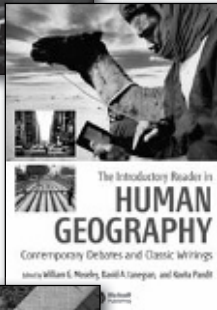
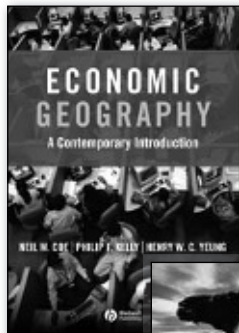


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USGS AT THE 2008 AAG ANNUAL MEETING

Facing Tomorrow's Challenges ... USGS at the 2008 AAG Annual Meeting
USGS Scientists Illustrate New Strategy to Confront Environmental Challenges

WEDNESDAY, APRIL 16

Facing Tomorrow's Challenges - USGS Science Strategy

Wednesday, April 16, 11:55 a.m. – 12:55 p.m.

Room: Simmons Room, Marriott, 3rd Floor (Session)

A global economy, limited resources, climate change, and formidable hazards, such as earthquakes, wildland fires, floods and droughts are addressed by a new USGS Science-Strategy for the coming decade, 2007-2017. USGS Director Mark Myers discusses these challenges and explains the agency's new science directions. Myers sets the stage for USGS presentations that illuminate USGS work in ecosystem services and climate studies; the completion of the 50-state National Land Cover Database; plans for the launch of a new earth observing satellite in 2011; and the revitalization of The National Map. Presenter: USGS Director Mark Myers

Ecosystem Services: Research Directions

Wednesday, April 16, 1:00 p.m. – 2:40 p.m.

Room: Simmons Room, Marriott, 3rd Floor (Panel Session)

Ecosystem services — such as, clean water, storm protection, recreation — represent the goods and services obtained from natural systems. Resource managers are well served in understanding the value of ecosystem services in making decisions that involve conservation and development. USGS and the National Science Foundation (NSF) are working cooperatively with other agencies to develop a research strategy to refine the concept. Find out what research and information are needed and available to help resource managers make informed conservation decisions. Presenter: USGS Director Mark D. Myers and Bob O'Connor, NSF

Ecosystem Services: Spatial Research Perspectives

Wednesday, April 16, 3:10 p.m. – 4:50 p.m.

Room: Simmons Room, Marriott, 3rd Floor (Panel Session)

Learn how spatial data and relationships are used when evaluating ecosystem services. Find out how ecosystem services and their beneficiaries are mapped, and the role location has on the value of ecosystem services. Panelists: Roger Sayre, USGS; James Wickham, EPA; G. Ronnie Best, USGS

THURSDAY, APRIL 17

Modeling the National Land Cover Database

Thursday, April 17, 8:00 a.m. – 9:40 a.m.

Room: Wellesley Room, Marriott, 3rd Floor

(Illustrated Paper Session)

The USGS and the federal interagency Multi-Resolution Land Characteristics Consortium (MRLC) have completed a massive database, the National Land Cover Database (NLCD) that describes the land surface condition of each of the 50 states and Puerto Rico. Discussions describe how the NLCD was created and explain how the data can be used to answer inquiries about changes on the land at almost any scale. Presenters: Sheikh N. Hossain, Jon Dewitz, George Xian, of SAIC and Steven Methven, USGS and Nate Herold of NOAA

The National Land Cover Database: Characteristics, Applications, Modeling

Thursday, April 17, 10:10 a.m. – 11:50 a.m.

Room: Essex North-Center, Westin, 3rd Floor (Paper Session)

Presenters: Collin Homer, David Selkowitz, Douglas J. Wheeler, and Joyce Fry of the USGS; James Wickham, EPA

Ecosystem Services: Decision Research Perspectives

Thursday, April 17, 1:00 p.m. – 2:40 p.m.

Room: Essex North-Center, Westin, 3rd Floor (Panel Session)

There are many challenges in effectively applying scientific information in resource management decisions. This discussion will explore the tools, models, and institutional structures that are most effective in linking science with decisions. Panelists: Richard L. Bernknopf, USGS; Tom Gunther, USGS; Ken Williams, USGS; Lee Lamb, USGS

FRIDAY, APRIL 18

Evolution of the National Map: 2008 and Beyond

Friday, April 18, 10:10 a.m. – 11:50 a.m.

Room: Staffordshire, Westin, 3rd Floor (Paper Session)

Accessible, versatile, authoritative geographic information is essential in confronting the most pressing natural resource and environmental issues of our Nation — issues as timely as hypoxia in the Gulf and wildfires in California, issues as broad as mitigating the danger of natural hazards and understanding climate change. Our charge at USGS, as the Nation's leading civil mapping organization, is to ensure the availability of complete, consistent, and current geographic information that will provide a common geographic understanding. The National Map, a trusted, nationally consistent geospatial framework serves a broad range of uses by scientists, communities,

USGS AT THE 2008 AAG ANNUAL MEETING

government officials, and the public. During this session, presentations will describe the vision as well as several practical considerations involved in further development of The National Map. Presenters: Mark Naftzger, Eric Constance, Michael Cooley, Vicki Lukas of the USGS

Advancing the Landsat Mission I

Friday, April 18, 2:30 p.m. – 4:10 p.m.

Room: *Essex North-East, Westin, 3rd Floor* (Paper Session)

The Landsat observatory has monitored the Earth's land areas for more than 35 years. We continue to advance the capability of the observations to inform us about the Earth's dynamics, particularly the response to human activity. This session reports on technical and scientific advances as we continue the mission to monitor the Earth's land areas. Presenters: Rachel Headley, USGS; Curtis Edward Woodcock, Boston University; Michael Headley, USGS; Bruce Quirk, USGS; Jeffrey Masek, NASA

Understanding Coastal Vulnerability to Sea Level Rise and Other Hazards

Friday, April 18, 4:40 p.m. – 6:20 p.m.

Room: *Parliament Room #1, Westin, 7th Floor* (Paper Session)

Discover recent USGS and related university research on vulnerability to sea level rise (SLR). The presentations include: a look at how LIDAR elevation data improve delineation of lands subject to SLR; development and application of a vulnerability index for national parks; a report of the study on potential changes to the mid-Atlantic coast conducted for the U.S. Climate Change Science Program; a case study of how SLR is affecting the marsh surface on the Santee River delta; and an examination of an approach that uses a statistical framework to address the uncertainties in predicting coastal geomorphic changes from SLR or increased storminess. Presenters: Benjamin Thomas Gutierrez, USGS; Carol Wilson, Boston University; Nathaniel Plant, USGS; Dean Gesch, USGS; Elizabeth Pendleton, USGS

USGS SPONSORED FIELD TRIPS & WORKSHOPS

Fundamentals of GPS

Monday, April 14, 8:00 a.m. – 4:00 p.m.

Room: *Suffolk Room, Marriott, 3rd Floor*

Organizers/Instructors: Steve Reither and Ken Gerson, US Geological Survey

Workshop Capacity: 40

Cost/person: \$15 (includes beverages)

Global Positioning System (GPS) technology has become an invaluable tool for earth scientists and geographers. Uses include navigation, search-and-rescue, fleet management, and data collection. This all-day course, taught by a veteran USGS instructors, will introduce students to the fundamentals of using a GPS receiver through a combination of classroom instruction and outside field work. No prior knowledge or experience is presumed. Participants will receive instruction on GPS configuration, accuracy, and working with topographic maps. All material is provided. Forty (40) receivers are available for use during the class.

Weweantic River Area, Southern Massachusetts

Monday, April 14, 8:00 a.m. – 5:00 p.m.

Organizers/Leaders: Lawrence R. Handley, USGS National Wetlands Research Center; Catherine M. Lockwood, Chadron State College

Trip Capacity: 25

Cost/person: \$55 (includes transportation)

This traveling workshop will focus on conversion of wetlands for commercial use, in particular, cranberry production along the Weweantic River. We will use maps, aerial photography, and a satellite image to examine land cover change over time. Participants should bring \$8.00 for pre-arranged lunch.

Tour of USGS Coastal and Marine Geology Woods Hole Field Center, Woods Hole, MA

Monday, April 14, 8:30 a.m. – 6:00 p.m.

Organizers/Leaders: Brian Andrews and Christopher Polloni, USGS, Woods Hole Science Center

Trip Capacity: 24

Cost/person: \$70 (includes bus transportation and lunch)

This field trip to scenic Woods Hole, home to several world-renowned marine scientific research institutions, will be hosted by the U.S. Geological Survey's Woods Hole Science Center. The USGS conducts studies in sediment transport, habitat geoscience, sea-level rise, submarine ground water, coastal erosion and shoreline change, marine gas hydrate, tsunami and earthquake hazards and sea floor mapping activities. Visitors will have the opportunity to visit our sea-going instrumentation laboratories, be introduced to data collection equipment, and data visualization and interpretation techniques.

Geocaching Event

Wednesday, April 16, 2:00 p.m. – 4:00 p.m.

Organizer/Leader: Ken Gerson and Steve Reiter, USGS Infoservices

Trip Capacity: 40 individuals or teams (only one person per "team" should register)

Cost/person: \$5 (includes walking "tour")

The US Geological Survey is hosting a Geocaching event at 2:00 o'clock on Wednesday and Thursday in the lobby of the Boston Marriott Copley Place. Participants will be given a GPS receiver, a brief illustrated guide on using the receiver, and a set of questions which can only be answered by successful navigation to waypoints stored in the receiver. The event offers participants a chance to see some interesting sites around Boston, mingle with other AAG attendees, and learn a little about GPS navigation. The outdoor course covers about 2 miles and should take around 90 minutes to walk. Forty (40) receivers are available for loan (USGS will hold your driver's license until you return) and participants are encouraged to team up with other AAG attendees.

Geocaching Event

Thursday, April 17, 2:00 p.m. – 4:00 p.m.

See information and description for above field trip on Wednesday.

SPECIAL EVENTS

AAG AWARDS LUNCHEON

Saturday, April 19, 12:00 p.m. - 2:15 p.m.

Room: Back Bay AB, Sheraton, 2nd Floor

Join colleagues and friends in honoring the recipients of AAG Honors and other awards and prizes for 2008. The Awards Luncheon will be held on Saturday, April 19 in Back Bay AB (Sheraton, 2nd Floor) from 12:00 p.m. - 2:15 p.m.

The following AAG Honors awards will be presented:

Barbara Hildebrant, Educational Testing Service
Gilbert Grosvenor Honors for Geographic Education

Alexander B. Murphy, University of Oregon
Gilbert Grosvenor Honors for Geographic Education

Paul L. Knox, Virginia Polytechnic Institute and State University
Distinguished Scholarship Honors

Richard D. Wright, San Diego State University
Ronald F. Abler Honors for Distinguished Service

Michael O. Sutcliffe, City of Durban, South Africa
Gilbert F. White Distinguished Public Service Honors

Professor Lawrence A. Brown, The Ohio State University
Lifetime Achievement Honors

Harm de Blij, Michigan State University
AAG Media Achievement Award

In addition to AAG Honors, the J. Warren Nystrom Awards, the Jackson Prize, the AAG Enhancing Diversity Award, and the AAG Mel Marcus Fund for Physical Geography, many other awards and honors will be presented. The AAG's 2008 Fifty-Year Members will also be recognized at the luncheon. The cost of the luncheon is \$45, including service and tax. A complete table of ten is also available for \$420. Tickets can be purchased at the AAG Registration Desk.

AAG AWARDS LUNCHEON *(continued)*

The following individuals have held 50 years of continuous AAG membership, a measure of support for the Association that will be recognized at the AAG Awards Luncheon:

Sanford H. Bederman
Ian Burton
Samuel Emory, Jr
Lane J. Johnson
Ladis K. D. Kristof
George Macinko
Geoffrey J. Martin
Abraham Melezin
Gene E. Musolf
Charles Peterson
Joseph Velikonja
M. Gordon Wolman

AAG BANQUET/PAST PRESIDENT'S ADDRESS

Thursday, April 17, 7:00 p.m. – 10:00 p.m.

Room: Grand Ballroom Salons EF, Marriott, 4th Floor

Past President **Kavita Pandit** will host the AAG Banquet on Thursday, April 17, in Grand Ballroom Salons E and F. The banquet dinner begins at 7:00 p.m. Single tickets are still available for \$75 each, or you may purchase 10 tickets to reserve a full table for your department, AAG Specialty Group, or students or friends. Cost of a Banquet Table for 10 is \$730. To purchase individual tickets or an entire table, please visit the AAG Registration Desk. At the banquet, AAG Presidential Achievement Award will be presented to David Ward, President of the American Council on Education.

Following the banquet, doors will open to all members at 8:30 p.m. for Kavita Pandit's Past President's Address on **"The Internationalization of Higher Education: A Vital Role for Geographers."**

SPECIAL EVENTS

AAG BUSINESS MEETING

The AAG's annual Business Meeting will be held in Fairfax A on the 3rd Floor of the Sheraton Hotel on Saturday, April 19 from 2:30 p.m. – 3:30 p.m. AAG officers will present their annual reports. All are welcome to attend.

AAG REGIONAL FILM SERIES

Friday, April 18, 8:00 p.m. – 12:00 a.m.

Room: Grand Ballroom Salon H, Marriott, 4th Floor

Organizer: Association of American Geographers

Fever Pitch (2005)

8:00 p.m. (103 minutes)

Based on Nick Hornby's novel, this romantic Farrelly Brothers comedy centers on baseball fanatic Ben (Jimmy Fallon), who meets and falls in love with Lindsay (Drew Barrymore). Everything's going great between the couple, but when spring rolls around and baseball season begins, Ben's overwhelming obsession with the Boston Red Sox threatens to destroy his relationship with Lindsay. Ione Skye and Kadee Strickland costar.

Gone Baby Gone (2007)

10:00 p.m. (120 minutes)

When a 4-year-old girl goes missing in Dorchester, one of Boston's toughest hoods, private investigators Patrick Kenzie and Angela Gennaro (Casey Affleck and Michelle Monaghan) reluctantly agree to take the case. But the investigation proves tougher, riskier and more complex than they could have imagined. Ben Affleck's directorial debut, adapted from the Dennis Lehane novel, also stars Ed Harris, Morgan Freeman and Amy Ryan (in her first Oscar-nominated role).

OPENING EVENING EVENTS

Tuesday, April 15, 6:15 p.m. – 11:00 p.m.

6:15 p.m. – 7:45 p.m. Opening Plenary Keynote Address by **Jeffrey Sachs**. Opening remarks by **Thomas J. Baerwald**, AAG President and **Douglas Richardson**, AAG Executive Director. (*Grand Ballroom Salons A-F, Marriott, 4th Floor*)

7:30 p.m. – 9:00 p.m. Exhibit Hall Opening Reception: Hors d'oeuvres and drinks will be served. (*Back Bay Conference and Exhibition Center, Marriott, 3rd Floor*)

7:45 p.m. – 8:30 p.m. International Reception: Mingle with colleagues from around the world while enjoying hors d'oeuvres and drinks. The reception will provide opportunities for all AAG participants to interact with overseas attendees and explore with them common interests in teaching, research, and service. (*Clarendon – Fairfield, Marriott, 3rd Floor*)

8:00 p.m. – 11:00 p.m. The Boston Awesome Welcome Party featuring music and dancing with "The Awesome" (*Grand Ballroom Salons G-K, Marriott, 4th Floor*)

WORLD GEOGRAPHY BOWL

Wednesday, April 16, 7:30 p.m.

The 2008 World Geography Bowl Committee would like to thank the AAG, Rand McNally, Oxford University Press and the National Geographic Society for sponsoring this year's competition. Student teams from the AAG's regional divisions and one team from the UK will compete in a round robin tournament starting at 7:30 p.m. in the Marriott's Grand Ballroom Salon E for the introduction and final round. The championship round will begin at approximately 10:00 p.m.

World Geography Bowl Directors

Laurence W. Carstensen, Jr., Virginia Tech University
Jim Ketchum, AAG

Moderators

Robert Edsall, Arizona State University
Jon Moore, Utah Valley State College
Tom Bell, University of Tennessee
Rick Sambrook, Eastern Kentucky University

Judges

Wesley Reisser, University of California Los Angeles
Juana Ibanez, University of New Orleans
Peggy Gripshover, University of Tennessee

Final Round Judges

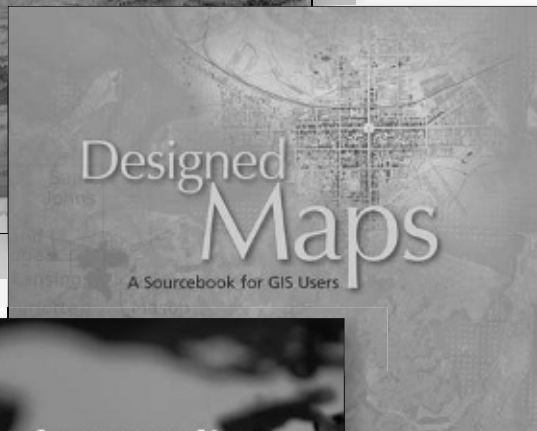
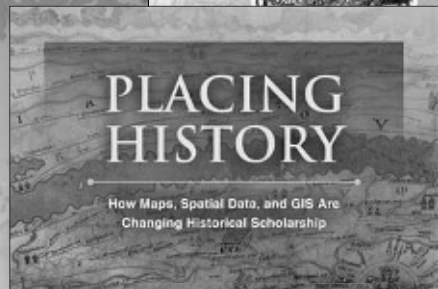
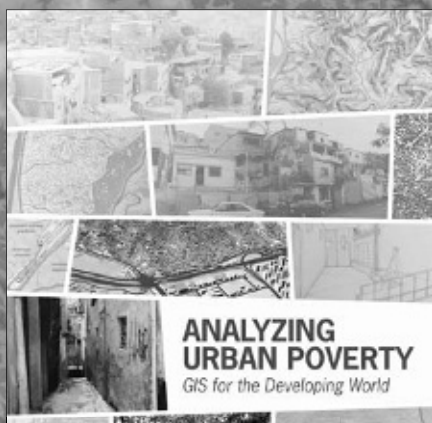
Tom Baerwald, National Science Foundation
Korine Kolivras, Virginia Tech University

Master Scorekeeper

Jim Young, Appalachian State University

Final Round Moderator

Laurence W. Carstensen, Jr., Virginia Tech University



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worth \$3,000 in prizes including a
TomTom GPS unit as the grand prize.*

*Grand prize winner will be announced
Friday, April 18, 2008, at noon.
Attendance at the drawing is not required to win.*



JOBS IN GEOGRAPHY (JIG)

The Jobs in Geography (JIG) Center will be located in the 3rd Floor Atrium Lounge of the Boston Marriott Copley Place. The Jobs in Geography sessions feature extensive information on careers in geography, professional development, and employment opportunities. The JIG Center will also feature numerous job postings in all fields of geography for students and job seekers.

The Jobs in Geography Center will be open:

Wednesday, April 16, 9:30 a.m. – 4:30 p.m.

Thursday, April 17, 9:30 a.m. – 4:30 p.m.

Friday, April 18, 9:30 a.m. – 4:30 p.m.

Career and Professional Development Sessions at the AAG Annual Meeting

There are also many special sessions at the AAG Annual Meeting on careers in geography, professional development, and employment opportunities:

WEDNESDAY, APRIL 16

Workshop: Academic Publishing for Graduate Students and Early Career Faculty

Wednesday, April 16, 8:00 a.m. – 10:00 a.m.

Room: Falmouth, Marriott, 4th Floor (Panel Session)

Organizer(s): Beth Schlemper, University of Toledo
Michael Solem, Association of American Geographers
Instructor(s): Stanley D. Brunn - University of Kentucky,
Department of Geography

Workshop Description: Aspiring professionals in the academy as well as those entering the public and private sectors are usually expected to be able to initiate or collaborate with others on research projects that advance a field or subfield. While a good first step in reporting findings and getting feedback is to present to appropriate audiences at workshops and conferences, the major method of communication with colleagues is through publication. This workshop is designed to address some of the nuts and bolts of publishing in the academy, specifically the preparation of manuscripts for the peer review process. This workshop is sponsored by the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography project and is based on material developed for the book *Aspiring Academics*. Priority will be given to graduate students and early career faculty. Participants will receive a complimentary copy of the book and learn about opportunities to serve in an evaluation program funded by EDGE.

THURSDAY, APRIL 17

Careers in Applied Geography (Sponsored by Association of American Geographers, Applied Geography Specialty Group)

Thursday, April 17, 10:10 a.m. – 11:50 a.m.

Room: Fairfield Room, Marriott, 3rd Floor (Panel Session)

Organizer(s): Edwin C. Butterworth, United States Army Engineer Research & Development Center
Chairs(s): Edwin C. Butterworth, United States Army Engineer Research & Development Center
Featured Panelists: Alper Caglayan, Milcord LLC; Raj Singh, Open Geospatial Consortium

Panel description: Your new undergraduate or graduate geography degree opens many doors outside academia. Whether you are lucky enough to find your dream job where you always intended to work or you find yourself starting in unanticipated terrain – that new degree makes you an intellectual asset that represents an investment by your employer. This means that you may need to align your personal goals with your employer's mission. Perhaps your goals will grow to better match your employer's mission, or maybe you need to find ways to develop new skills and talents that can help you move toward where you want to be. The panel and audience interaction will jointly explore: (1). How you can better understand your employer's mission, objectives, and goals. (2). How the panel members came to define their own goals. (3). Matching your goals to employer goals. (4). Discovering the skills, training, organizational learning, and experiences that can help you maintain your track toward your objectives.

Career Planning for Graduate Students (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))

Thursday, April 17, 1:00 p.m. – 2:40 p.m.

Room: Harvard Room, Marriott, 3rd Floor (Panel Session)

Organizer(s): Beth Schlemper, University of Toledo
Chairs(s): Beth Schlemper, University of Toledo

JOBS IN GEOGRAPHY (JIG)

Panelists: Antoinette WinklerPrins, Michigan State University; Douglas W. Gamble, University Of North Carolina - Wilmington; Cary Komoto, University of Wisconsin - Barron County; Thomas J. Baerwald, National Science Foundation; Eric J. Fournier, Samford University; Stanley D. Brunn, University of Kentucky

Session Description: This session addresses various aspects of career planning for graduate students from the perspective of geographers in professions both inside and outside of academia. Some of the topics include teaching, publishing, grant proposals, professional development, and preparing for both academic and non-academic positions. One of the goals of the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography Project, funded by the National Science Foundation, is to understand and to raise awareness of the types of knowledge and skills that will prepare graduate students in the twenty-first century for a variety of careers. Along with a solid foundation in the discipline, effective career planning and professional development are important elements of enhancing graduate education.

Research on Graduate Education in Geography: A Review and Discussion of Findings (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: Harvard Room, Marriott, 3rd Floor (Paper Session)

Organizer(s): Beth Schlemper, University of Toledo; Michael N. Solem, Association of American Geographers

Chairs(s): Beth Schlemper, University of Toledo

Introducer: Kenneth E. Foote

3:20 Michael N. Solem*, Association of American Geographers; Jenny Lee, co-author, University of Arizona; Beth Schlemper, co-author, University of Toledo, *Departmental climate and student experiences in graduate geography programs.*

3:40 Ivan Cheung*, Insurance Institute for Highway Safety; Michael Solem, The Association of American Geographers; Beth Schlemper, The Association of American Geographers, *Skills in Professional Geography: An Assessment of Workforce Needs and Expectations.*

Discussant(s): Janice Monk, University of Arizona; Beth Schlemper, University of Toledo; Nathan J. Sessoms, University of Southern California; Bradley Blumer, Michigan State University; Nick Hopwood, Oxford University

Session Description: This session will feature two papers reporting the first set of research findings by the AAG's Enhancing Departments and Graduate Education (EDGE) project, funded by the National Science Foundation. The session will begin with a brief overview of the goals and design of EDGE as an example of a discipline-based approach to studying the process and outcomes of graduate education. Following the introduction will be two papers. The first paper reports a comparative analysis of graduate students' perceptions of departmental climate and experiences within M.A. and Ph.D. geography programs. The second paper focuses on the skills expected of geography graduates in different sectors of the U.S. workforce. Session discussants will consider the implications of the research for improving climate and professional development practices in graduate programs.

Your first job: Being hired and surviving the early years. Part II (Sponsored by Enhancing Departments and Graduate Education project (EDGE), Community College Affinity Group, Geography Education Specialty Group)

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Panel Session)

Organizer(s): Bruce L. Seivertson, Imperial Valley College; Diana Casey, Muskegon Community College

Chairs(s): Bruce L. Seivertson, Imperial Valley College

Panelists: Bruce L. Seivertson, Imperial Valley College; Kerry Lyste, Everett Community College; Diana Casey, Muskegon Community College; Angie Evans Wood, Blinn College; Tim E. Schultz, Green River Community College; Michelle D Sievertson

Session Description: How does a new faculty member speak for geography when they are the singular voice? Geography faculty at community colleges, two-year institutions, and small liberal arts colleges often find themselves without a content mentor. Additionally, they frequently face a unique set of questions as they become acquainted with their new teaching and community environments. This panel will discuss some of the challenges and successes they have encountered during their careers, including where they looked for jobs, how they found jobs, what types of salaries new graduates can realistically expect to receive, and how they have represented their college within community life.

FRIDAY, APRIL 18

Workshop: Preparing Competitive Research Grant Proposals

Friday, April 18, 8:00 a.m. – 12:00 p.m.

Room: Falmouth Room, Marriott, 4th Floor (Paper Session)

Organizer(s): Beth Schlemper, University of Toledo; Michael Solem, Association of American Geographers

Instructor(s): Patricia Solis, Association of American Geographers

Workshop Description: Beyond the duties of teaching, research, publishing, and service, expectations that academics should generate external funding are increasingly important. This workshop aims to give advice on how to do that successfully by focusing on Ten Actions You Should Take. It includes practical recommendations for preparing competitive research grant proposals and habits of mind that will help you as a researcher who is successful at generating external funding. Participants will conduct two major activity sets that utilize successful example NSF proposals and participant's own writing samples. The exercises are designed to help you focus on a good research problem and formulate a convincing, coherent proposal that can be delivered on time and on budget. This workshop is sponsored by the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography project and is based on material developed for the book publication *Aspiring Academics*. Priority will be given to graduate students and early career faculty. Participants will receive a complimentary copy of the book and learn about opportunities to serve in an evaluation program funded by EDGE.

SPECIAL EVENTS SUMMARY

AAG Awards Luncheon

Saturday, April 19, 12:00 p.m. – 2:15 p.m.
(Back Bay AB, Sheraton, 2nd Floor)

AAG Banquet/Past President's Address

Thursday, April 17, 7:00 p.m. – 10:00 p.m.
(Grand Ballroom Salons EF, Marriott, 4th Floor)

AAG Business Meeting

Saturday, April 19, 2:30 p.m. – 3:30 p.m.
(Fairfax A, Sheraton, 3rd Floor)

AAG Jobs in Geography (JIG) Center

Wednesday, April 16, 9:30 a.m. – 4:30 p.m.
Thursday, April 17, 9:30 a.m. – 4:30 p.m.
Friday, April 18, 9:30 a.m. – 4:30 p.m.
(Atrium Lounge, Marriott, 3rd Floor)

AAG Regional Film Series

Friday, April 18, 8:00 p.m. – 12:00 a.m.
(Grand Ballroom Salon H, Marriott, 4th Floor)

Africa Movie Night: EZRA

Wednesday, April 16, 8:00 p.m. – 10:00 p.m.
(Grand Ballroom Salon H, Marriott, 4th Floor)

ASU Geography Reception

Friday, April 18, 8:00 p.m. – 11:00 p.m.
(Commonwealth, Sheraton, 3rd Floor)

CaGIS Awards Ceremony

Friday, April 18, 7:00 p.m. – 8:15 p.m.
(Clarendon Room, Marriott, 3rd Floor)

College Board Reception: Education Tomorrow's Geographer's Through AP Human Geography

Wednesday, April 16, 7:00 p.m. – 9:00 p.m.
(Beacon A, Sheraton, 3rd Floor)

CPGIS Gathering

Thursday, April 17, 8:00 p.m. – 10:00 p.m.
(Wellesley Room, Marriott, 3rd Floor)

Film Screening: EVERYTHING'S COOL (Bullfrog Films)

Thursday, April 17, 5:30 p.m. – 8:00 p.m.
(Vermont Room, Marriott, 5th Floor)

For Friends, Alumni, and AAG Attendees associated with Brigham Young University: Buffet Breakfast hosted by BYU

Thursday, April 17, 7:30 a.m. – 9:30 a.m.
(Azure Dining Room, Lenox Hotel)

International Journal of GIS, Taylor & Francis Reception

Thursday, April 17, 3:00 p.m. – 4:00 p.m.
(Rockport, Westin, Ground Floor)

Irish Geography Reception

Thursday, April 17, 11:00 a.m.
(Exhibit Booth #104-106, Back Bay Conference and Exhibition Center; Marriott, 3rd Floor)

Journal of Cultural Geography Reception

Thursday, April 17, 3:30 p.m.
(Exhibit Booth #104-106, Back Bay Conference and Exhibition Center; Marriott, 3rd Floor)

Mexico Climate Change Network Reception (Sponsored by The Leverhulme Trust)

Friday, April 18, 7:30 p.m. – 11:00 p.m.
(Jefferson, Sheraton, 3rd Floor)

Michigan State University Reception

Thursday, April 17, 9:00 p.m. – 11:00 p.m.
(Berkeley, Sheraton, 3rd Floor)

Minnesota Reception

Wednesday, April 16, 8:30 p.m. – 11:30 p.m.
(Commonwealth, Sheraton, 3rd Floor)

Mobilities Reception

Thursday, April 17, 1:30 p.m.
(Exhibit Booth #104-106, Back Bay Conference and Exhibition Center; Marriott, 3rd Floor)

Opening Evening Events

Tuesday, April 15, 6:15 p.m. – 11:00 p.m.
6:15 p.m. – 7:45 p.m. Opening Plenary with Jeffrey Sachs (Grand Ballroom Salons A-F, Marriott, 4th Floor)
7:30 p.m. – 9:00 p.m. Exhibit Hall Opening Reception (Back Bay Conference and Exhibition Center; Marriott, 3rd Floor)
7:45 p.m. – 8:30 p.m. International Reception (Clarendon – Fairfield, Marriott, 3rd Floor)
8:00 p.m. – 11:00 p.m. The Boston Awesome Welcome Party featuring music and dancing with "The Awesome" (Grand Ballroom Salons G-K, Marriott, 4th Floor)

SPECIAL EVENTS SUMMARY

Past President's Address by Kavita Pandit

Thursday, April 17, 8:30 p.m. – 10:00 p.m.
(Grand Ballroom Salons EF, Marriott, 4th Floor)

Physical Geography Reception

Wednesday, April 16, 8:00 p.m. – 12:00 a.m.
(Back Bay AB, Sheraton, 2nd Floor)

Plenary: Spotlight on U.S. Geography Linkages to Developing Regions

Friday, April 18, 6:30 p.m. – 8:00 p.m.
(Grand Ballroom Salons EF, Marriott, 4th Floor)

Polar Geography Journal Reception

Wednesday, April 16, 3:00 p.m. – 4:00 p.m.
(Exhibit Booth #104-106, Back Bay Conference and Exhibition Center, Marriott, 3rd Floor)

Political Geography Specialty Group Reception

Thursday, April 17, 7:00 p.m. – 8:00 p.m.
(Essex North-East, Westin, 3rd Floor)

Prentice Hall - AAG Book Reception: Aspiring Academics and Teaching College Geography

Thursday, April 17, 5:00 p.m. – 7:00 p.m.
(Atrium Foyer, Marriott, 4th Floor)

Presidential Plenary: Opportunities and Challenges for Interdisciplinary Research

Wednesday, April 16, 5:00 p.m. – 6:30 p.m.
(Grand Ballroom Salons EF, Marriott, 4th Floor)

Reception by the SJTG and Department of Geography, National University of Singapore

Thursday, April 17, 8:00 p.m. – 10:00 p.m.
(Beacon B, Sheraton, 3rd Floor)

A Reception to Celebrate the 10th Anniversary of National Identities

Wednesday, April 16, 1:30 p.m. – 2:30 p.m.
(Exhibit Booth #104-106, Back Bay Conference and Exhibition Center, Marriott, 3rd Floor)

Texas State Geography Reception

Wednesday, April 16, 5:30 p.m. – 7:00 p.m.
(Provincetown Room, Marriott, 4th Floor)

The Cultural Geographies Reception

Wednesday, April 16, 11:50 a.m. – 12:50 p.m.
(Grand Ballroom Salon E, Marriott, 4th Floor)

The Ohio State University, Department of Geography Reception

Thursday, April 17, 8:30 p.m. – 11:00 p.m.
(Commonwealth, Sheraton, 3rd Floor)

University at Buffalo, SUNY Reception

Wednesday, April 16, 8:00 p.m. – 12:00 a.m.
(Wellesley Room, Marriott, 3rd Floor)

University of Georgia Reception

Wednesday, April 16, 8:30 p.m. – 11:30 p.m.
(Vineyard Room, Marriott, 4th Floor)

University of Maryland, Department of Geography Reception

Wednesday, April 16, 7:00 p.m. – 9:00 p.m.
(Essex North-East, Westin, 3rd Floor)

University of Washington Geography Reception

Wednesday, April 16, 8:30 p.m. – 10:30 p.m.
(Provincetown Room, Marriott, 4th Floor)

Wiley-Blackwell, Antipode Lecture and Reception: Laura Pulido, "Black/Latino Relations and White"

Thursday, April 17, 7:00 p.m. – 8:15 p.m.
(Suffolk Room, Marriott, 3rd Floor)

Wiley-Blackwell, IJURR Lecture and Reception: Alan Harding "Spatial Governance and the New Capitalism"

Thursday, April 17, 1:00 p.m. – 2:00 p.m.
(Fairfield, Sheraton, 3rd Floor)

World Geography Bowl

Wednesday, April 16, 7:30 p.m. – 10:30 p.m.
(Grand Ballroom Salon E, Marriott, 4th Floor)

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- "World History: 1750-1914" (2008)
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Map Asia 2008

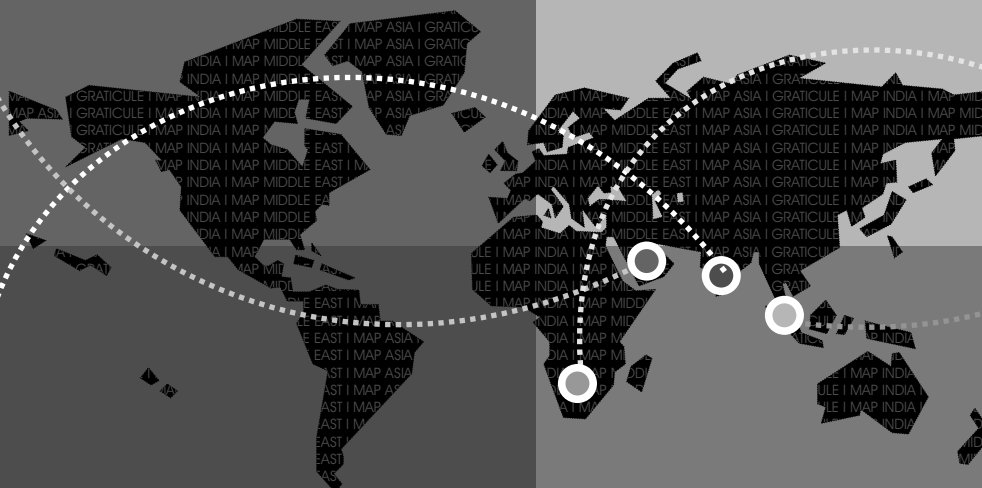
18 - 20 August 2008

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GIS
DEVELOPMENT

The Geospatial Communication Network

SPECIALTY MEETINGS

AAG Business Meeting

Saturday, April 19, 2:30 p.m. – 3:30 p.m.
(Fairfax A, Sheraton, 3rd Floor)

AAG Committee on Committees Meeting

Sunday, April 13, 1:00 p.m. – 3:00 p.m.
(Regis Room, Marriott, 3rd Floor)

AAG Council Meeting

Sunday, April 13, 3:00 p.m. – 7:00 p.m.
Monday, April 14, 8:00 a.m. – 6:00 p.m.
Tuesday, April 15, 8:00 a.m. – 12:00 p.m.
(Regis Room, Marriott, 3rd Floor)

AAG Department Chairs Luncheon

Thursday, April 17, 12:00 p.m. – 2:00 p.m.
(Staffordshire, Westin, 3rd Floor)

AAG Executive Committee Meeting

Sunday, April 13, 11:00 a.m. – 1:00 p.m.
(Regis Room, Marriott, 3rd Floor)

AAG Specialty Group Chairs Business Meeting

Wednesday, April 16, 11:55 a.m. – 12:55 p.m.
(Suffolk Room, Marriott, 3rd Floor)

ACME Editorial Board Meeting

Wednesday, April 16, 11:00 a.m. – 12:30 p.m.
(Falmouth Room, Marriott, 4th Floor)

Africa Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
Africa Movie Night: EZRA, 8:00 p.m. – 10:00 p.m.
(Grand Ballroom Salon H, Marriott, 4th Floor)

Animal Geography Specialty Group Organizational Meeting

Wednesday, April 16, 6:00 p.m. – 7:00 p.m.
(Essex North-West, Westin, 3rd Floor)

Applied Geography Conferences Board of Directors Meeting

Wednesday, April 16, 5:30 p.m. – 6:30 p.m.
(Beacon E, Sheraton, 3rd Floor)

Applied Geography Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Hyannis Room, Marriott, 4th Floor)

Asian Geography Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(New Hampshire Room, Marriott, 5th Floor)

Bible Geography Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Grand Ballroom Salon D, Marriott, 4th Floor)

Biogeography Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Grand Ballroom Salon I, Marriott, 4th Floor)

Business Geography Specialty Group: Organizational Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Brandeis Room, Marriott, 3rd Floor)

Canadian Studies Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Northeastern Room, Marriott, 3rd Floor)

Cartography Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Clarendon Room, Marriott, 3rd Floor)

China Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Grand Ballroom Salon I, Marriott, 4th Floor)

Climate Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Massachusetts Room, Marriott, 5th Floor)

Coastal and Marine Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Dartmouth Room, Marriott, 3rd Floor)

Communication Geography Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Grand Ballroom Salon H, Marriott, 4th Floor)

Community College Affinity Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Exeter Room, Marriott, 3rd Floor)

Cryosphere Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Dartmouth Room, Marriott, 3rd Floor)

Cultural and Political Ecology Specialty Group Business Meeting

Wednesday, April 16, 8:00 p.m. – 9:00 p.m.
(Grand Ballroom Salon I, Marriott, 4th Floor)

Cultural Geography Specialty Group Business Meeting

Wednesday, April 16, 8:00 p.m. – 9:00 p.m.
(Suffolk Room, Marriott, 3rd Floor)

Cyberinfrastructure Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Fairfield Room, Marriott, 3rd Floor)

SPECIALTY MEETINGS

Developing Areas Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Tufts Room, Marriott, 3rd Floor)

Disability Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Harvard Room, Marriott, 3rd Floor)

Economic Geography Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Suffolk Room, Marriott, 3rd Floor)

EDGE Committee Meeting

Friday, April 18, 8:00am – 9:00am
(Mastiff Room #9, Westin, 7th Floor)

Energy and Environment Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Hampton A, Sheraton, 3rd Floor)

Environmental Perception and Behavioral Geography Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Grand Ballroom Salon J, Marriott, 4th Floor)

Ethics Justice and Human Rights Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Grand Ballroom Salon A, Marriott, 4th Floor)

Ethnic Geography Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Grand Ballroom Salon K, Marriott, 4th Floor)

European Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Regis Room, Marriott, 3rd Floor)

Geographic Information Science and Systems Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Simmons Room, Marriott, 3rd Floor)

Geographic Perspectives on Women Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Wellesley Room, Marriott, 3rd Floor)

Geographical Analysis Editorial Board Meeting

Friday, April 18, 11:00 a.m. – 12:00 p.m.
(Mastiff Room #9, Westin, 7th Floor)

Geography Education Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Yarmouth Room, Marriott, 4th Floor)

Geography of Religions and Belief Systems Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Grand Ballroom Salon K, Marriott, 4th Floor)

Geomorphology Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Vermont Room, Marriott, 5th Floor)

Graduate Student Affinity Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Tufts Room, Marriott, 3rd Floor)

GTU Business Meeting

Friday, April 18, 7:00 p.m. – 9:00 p.m.
(Wellesley Room, Marriott, 4th Floor)

GTU Executive Committee Meeting

Thursday, April 17, 8:00 a.m. – 3:00 p.m.
(Mastiff Room #9, Westin, 7th Floor)

Hazards Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Regis Room, Marriott, 3rd Floor)

Historical Geography Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Maine Room, Marriott, 5th Floor)

History of Geography Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Vineyard Room, Marriott, 4th Floor)

Human Dimensions of Global Change Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(New Hampshire Room, Marriott, 5th Floor)

Indigenous Peoples Specialty Group Business Meeting

Wednesday, April 16, 8:00 p.m. – 9:00 p.m.
(Grand Ballroom Salon J, Marriott, 4th Floor)

International Polar Year and the Age of Cryopolitics

Thursday, April 17, 6:00 p.m. – 8:00 p.m.
(Mastiff Room #9, Westin, 7th Floor)

Latin America Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Fairfield Room, Marriott, 3rd Floor)

Local Environment Editorial Board Meeting

Wednesday, April 16, 5:00 p.m. – 9:00 p.m.
(Mastiff Room #9, Westin, 7th Floor)

SPECIALTY MEETINGS

Medical Geography Specialty Group Business Meeting

Wednesday, April 16, 8:00 p.m. – 9:00 p.m.
(Fairfield Room, Marriott, 3rd Floor)

Middle East Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Exeter Room, Marriott, 3rd Floor)

Military Geography Specialty Group Business Meeting

Wednesday, April 16, 8:00 p.m. – 9:00 p.m.
(Exeter Room, Marriott, 3rd Floor)

Mountain Geography Specialty Group Business Meeting

Wednesday, April 16, 8:00 p.m. – 9:00 p.m.
(Dartmouth Room, Marriott, 3rd Floor)

Paleoenvironmental Change Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Grand Ballroom Salon D, Marriott, 4th Floor)

Political Geography Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Dartmouth Room, Marriott, 3rd Floor)

Population Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Grand Ballroom Salon C, Marriott, 4th Floor)

Private/Public Affinity Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Nantucket Room, Marriott, 4th Floor)

Qualitative Research Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Clarendon Room, Marriott, 3rd Floor)

Recreation Tourism and Sport Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Grand Ballroom Salon J, Marriott, 4th Floor)

Regional Development and Planning Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Grand Ballroom Salon K, Marriott, 4th Floor)

Remote Sensing Specialty Group Business Meeting

Wednesday, April 16, 8:00 p.m. – 9:00 p.m.
(Clarendon Room, Marriott, 3rd Floor)

Retired Geographers Affinity Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Hyannis Room, Marriott, 4th Floor)

Rural Geography Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Provincetown Room, Marriott, 4th Floor)

Russian, Central Eurasian, and East European Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(New Hampshire Room, Marriott, 5th Floor)

Sexuality and Space Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Maine Room, Marriott, 5th Floor)

Socialist and Critical Geography Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Vermont Room, Marriott, 5th Floor)

Spatial Analysis and Modeling Specialty Group Business Meeting

Thursday, April 17, 11:55 a.m. – 12:55 p.m.
(Nantucket Room, Marriott, 4th Floor)

Stand-Alone Geographers Affinity Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Nantucket Room, Marriott, 4th Floor)

Study of the American South Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Yarmouth Room, Marriott, 4th Floor)

Transportation Geography Specialty Group Business Meeting

Wednesday, April 16, 8:00 p.m. – 9:00 p.m.
(Grand Ballroom Salon K, Marriott, 4th Floor)

Urban Geography Specialty Group Business Meeting

Wednesday, April 16, 7:00 p.m. – 8:00 p.m.
(Grand Ballroom Salon J, Marriott, 4th Floor)

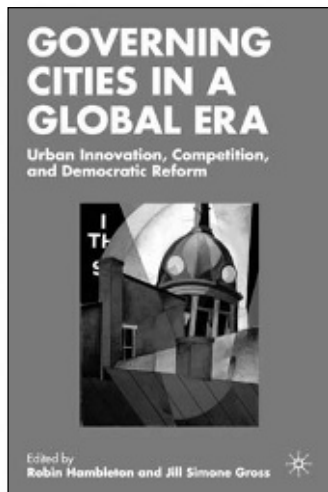
Water Resources Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Grand Ballroom Salon I, Marriott, 4th Floor)

Wine Specialty Group Business Meeting

Friday, April 18, 8:15 p.m. – 9:15 p.m.
(Vineyard Room, Marriott, 4th Floor)

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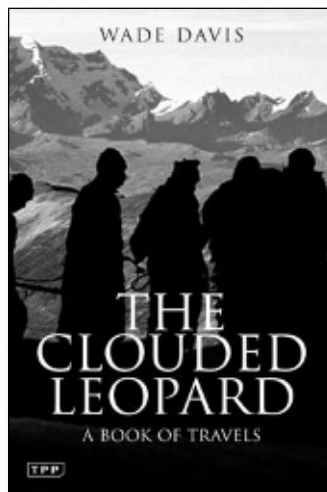
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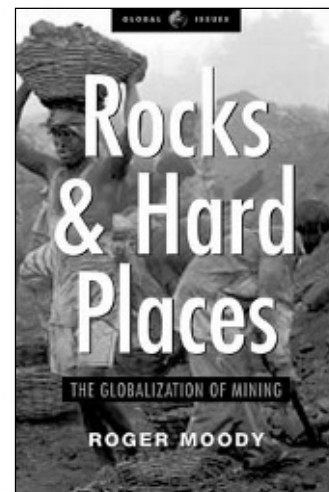
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WORKSHOPS

MONDAY, APRIL 14

Exploring and Using Multi-Angle Imaging SpectroRadiometer Satellite Data

Monday, April 14, 8:00 a.m. – 5:00 p.m. (1-hour lunch break)

Organizer/Instructor: Nancy Ritchey, Science Systems & Applications, Inc.

Workshop Capacity: 50

Cost/person: \$50 (*includes beverages and snacks, participants are on their own for lunch; computers will be provided*)

Room: Wellesley Room, Marriott, 3rd Floor

A one-day workshop on Exploring and Using Multi-angle Imaging SpectroRadiometer (MISR) data sponsored by the Atmospheric Science Data Center (ASDC) is intended for new and experienced MISR data users. Participants will learn about the MISR instrument and scientific applications of the data, calibration, geometry and analyses of the MISR measurements; ordering and customizing data products; and online tools and software packages for analyzing data. A computer hands-on session will provide participants experience using the tools to view and analyze select data products. For more information about all ASDC data holdings, MISR data products, or this MISR Workshop, please visit: eosweb.larc.nasa.gov.

Hands on GPS with Latest Hardware

Monday, April 14, 8:00 a.m. – 12:00 p.m.

Organizer/Instructor: Ashok Wadwani, Applied Field Data Systems

Workshop Capacity: 25

Cost/person: \$15

Room: Grand Ballroom Salon D, Marriott, 4th Floor

The workshop will allow participants to use latest GPS MAPPING hardware (various brands of GPS receivers, Laser Range Finders, PDA's) and Field Data Collection software to collect actual data outdoors and finish a start to finish short project. Once the data is collected, it will be imported in GIS and results displayed on a background map. The purpose is to allow the participants to see how easy it is to use the latest hardware and software and eliminate the "fear factor" of using latest technology.

Teaching Modern Geography (Two-part Workshop)

Monday, April 14, 1:00 p.m. – 5:00 p.m. (Part I)

Tuesday, April 15, 8:00 a.m. – 12:00 p.m. (Part II)

Organizers: Joseph P. Stoltman, Western Michigan University; Susan Gallagher, AAG

Instructor: Phil Gersmehl, Hunter College, CUNY

Workshop Capacity: 25

Cost/person: free (*includes beverages*)

Room: Grand Ballroom Salon D, Marriott, 4th Floor

The AAG and NCGE will co-host a two-part workshop titled *Teaching Modern Geography*, which is being developed by the AAG with a grant from the U.S. Department of Education. The objective is to assist college faculty to make their courses more responsive to preservice teacher education students, while

providing useful ideas for enhancing the spatial thinking skills of all students. The workshop will present information teachers should know and be able to apply. For further information contact: Sgallagher@aag.org. Participants will be expected to bring a laptop. Preregistration is *required*.

Fundamentals of GPS

Monday, April 14, 8:00 a.m. – 4:00 p.m.

Organizers/Instructors: Steve Reither and Ken Gerson, US Geological Survey

Workshop Capacity: 40

Cost/person: \$15 (*includes beverages*)

Room: Suffolk Room, Marriott, 3rd Floor

Global Positioning System (GPS) technology has become an invaluable tool for earth scientists and geographers. Uses include navigation, search-and-rescue, fleet management, and data collection. This all-day course, taught by a veteran USGS instructors, will introduce students to the fundamentals of using a GPS receiver through a combination of classroom instruction and outside field work. No prior knowledge or experience is presumed. Participants will receive instruction on GPS configuration, accuracy, and working with topographic maps. All material is provided. Forty (40) receivers are available for use during the class.

TUESDAY, APRIL 15

Multilevel Modeling: An Introduction

Tuesday, April 15, 9:00 a.m. – 5:00 p.m. (1-hour lunch break)

Organizers: Professor Kelvyn Jones, University of Bristol; David Hayes, University of Bristol

Instructor: S.V. Subramanian "Subra", Harvard School of Public Health

Workshop Capacity: 40

Cost/person: \$55 (*includes beverages*)

Room: Vermont Room, Marriott, 5th Floor

This day-long workshop will introduce participants to the range of research problems that can be handled by multilevel models. This will include longitudinal and panel models, as well as spatial models. The workshop will combine presentation of the models and hands-on experience of using the MLwiN software, which is capable of fitting likelihood and Bayesian models. Participants will be expected to have familiarity with standard regression modeling and to bring a laptop on which the free 30-day download copy of MLwiN has been pre-installed (<http://www.cmm.bris.ac.uk/MLwiN/download/index.shtml>). Any difficulties with this should be directed via the technical enquiry form on the website.

WORKSHOPS

Teaching Geographic Problem-Solving with ArcGIS

Tuesday, April 15, 9:00 a.m. – 12:00 p.m.

Organizer: Angela Lee, ESRI

Instructor: Joseph Kerski, ESRI

Workshop Capacity: 15

Cost/person: \$10 (*includes beverages*)

Room: Nantucket Room, Marriott, 4th Floor

GIS provides an excellent way to teach problem-solving techniques using data in real scenarios. This course offers hands-on work in grappling with issues in human and physical geography such as ethnic diversity and economic prosperity, the impact of hurricane-induced coastal flooding, and crime analysis. Participants will learn not only how to use the spatial data and procedures within the ArcGIS environment, but also how to teach effectively with GIS. The activities featured will be from the new university-level GIS book in the four-book Our World GIS for Education series from ESRI Press

Introduction to ArcGIS Spatial Analyst and ModelBuilder

Tuesday, April 15, 1:00 p.m. – 4:00 p.m.

Organizer: Angela Lee, ESRI

Instructor: Geri Pepe, ESRI

Workshop Capacity: 15

Cost/person: \$10 (*includes beverages*)

Room: Nantucket Room, Marriott, 4th Floor

ArcGIS Spatial Analyst software provides tools for conducting sophisticated spatial analyses and creating different types of spatial models. This course covers fundamental raster data concepts and shows how to use ArcGIS Spatial Analyst tools to create, process, and analyze raster data. Students focus on problems such as surface analysis, site suitability analysis and distance modeling. The course helps answer questions such as where is the best location for a new facility, what direction is this location facing, or what is the least costly path from A to B. The use of ModelBuilder is emphasized.

Image Time Series Analysis

Tuesday, April 15, 1:00 p.m. – 5:00 p.m.

Organizer/Instructor: J. Ronald Eastman, Clark Labs, Clark University

Workshop Capacity: 30

Cost/person: \$15 (*includes beverages*)

Room: Suffolk Room, Marriott, 3rd Floor

This workshop introduces the Time Series Modeler for Environmental Image Series - a new extension to the IDRISI software system. Topics to be covered include Spatial-Temporal Spectra Analysis, Wavelet Analysis, Principal Components, Trend Analysis, Seasonal Trend Analysis and Deseasoning/Denoising procedures. The workshop will be conducted as a live demonstration using a selection of environmental series such as Sea Surface Temperature and NDVI Vegetation Index data.

Transportation GIS with TransCAD

Tuesday, April 15, 1:00 p.m. – 5:00 p.m.

Organizers: Jim Lam, Caliper Corporation; John Bowen, Department of Geography & Urban Planning, University of Wisconsin Oshkosh

Instructor: Jim Lam, Caliper Corporation

Workshop Capacity: 20

Cost/person: \$40 (*includes beverages*)

Room: Falmouth Room, Marriott, 4th Floor

Participants will learn about the latest Caliper TransCAD software for use in analyzing transportation systems. Topics covered will include data sources, data input, and mapping and modeling transportation processes. A variety of transportation modes will be examined and the capability of the software to deal with travel demand modeling and transportation planning will be demonstrated. The workshop is intended for participants with at least some background in GIS.

Mapping for the Masses, a Google Workshop

Tuesday, April 15, 12:30 p.m. – 3:00 p.m.

Organizer: Wei Luo, Google, Inc.

Instructors: Francois Bailly, Pamela Fox, and Mano Marks, Google, Inc.

Workshop Capacity: 220

Cost/person: free

Room: Staffordshire, Westin, 3rd Floor

Part I (12:30 p.m. - 1:15 p.m.) - Google Earth: a 3D Data Visualizer and Beyond: Francois Bailly will demonstrate Google Earth's ability to organize and share geographic information. Demos will cover importing, editing and publishing maps, images, 3d models and more. Examples of organizations using Google Earth for reaching a broad audience will be shown. This demo will also include practical KML "how-to" discussions.

Part II (1:15 p.m. - 2:00 p.m.) - Google Maps Mashups: Pamela Fox will present interactive demos showing off the basics and advanced features of the Google Maps API. She'll also show how to easily create maps based off calendars or spreadsheets, how to display time-based information on a map, and how to create custom maps based off existing images or polygonal data (e.g. TIGER).

Part III (2:15 p.m. - 3:00 p.m.) - Map Creation with Google Technologies: This talk will cover the basics of KML Creation. Mano Marks will present on basic map creation using Google technologies. He will demonstrate how to create KML files using Google Earth and My Maps, and then edit them in a text or XML editor. He will also demonstrate some basic KML creation tools, and a few more advanced KML techniques.

WORKSHOPS

WEDNESDAY, APRIL 16

Academic Publishing for Graduate Students and Early Career Faculty

Wednesday, April 16, 8:00 a.m. – 10:00 a.m.

Organizers: Beth Schlemper, AAG; Michael Solem, AAG

Instructor: Stanley D. Brunn, University of Kentucky,

Department of Geography

Workshop Capacity: 20

Cost/person: \$5

Room: Falmouth Room, Marriott, 4th Floor

Aspiring professionals in the academy as well as those entering the public and private sectors are usually expected to be able to initiate or collaborate with others on research projects that advance a field or subfield. While a good first step in reporting findings and getting feedback is to present to appropriate audiences at workshops and conferences, the major method of communication with colleagues is through publication. This workshop is designed to address some of the nuts and bolts of publishing in the academy, specifically the preparation of manuscripts for the peer review process. This workshop is sponsored by the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography project and is based on material developed for the book *Aspiring Academics*. Priority will be given to graduate students and early career faculty. Participants will receive a complimentary copy of the book and learn about opportunities to serve in an evaluation program funded by EDGE.

Publishing Your Scholarly Book

Wednesday, April 16, 10:00 a.m. – 12:00 p.m.

Organizers: P.P. Karan, Department of Geography, University of Kentucky; David Zurick, Eastern Kentucky University; Stephen M. Wrinn, University Press of Kentucky

Instructor: David Zurick, Eastern Kentucky University

Workshop Capacity: 25

Cost/person: \$5

Room: Hyannis Room, Marriott, 4th Floor

This workshop will guide participants through book writing and publishing processes. Experienced publisher from the University Press of Kentucky and book authors will offer "insider" perspectives on publishing scholarly books. This workshop is intended for younger faculty members and professional geographers interested in publishing their research in book form. Presentations will be followed by a question and answer period. There will be opportunity for potential authors to discuss their specific book projects with the publisher. Participants are encouraged to bring their book proposals.

Writing Proposals for NSF Geography and Regional Sciences

Wednesday, April 16, 10:10 a.m. – 11:50 a.m.

Organizer: Kenneth R. Young, National Science Foundation

Instructors: Thomas J. Baerwald, National Science Foundation;

Daniel J. Hammel, National Science Foundation

Workshop Capacity: 50

Cost/person: free

Room: Provincetown Room, Marriott, 4th Floor

This is a one-hour workshop intended for faculty members and professional geographers (not graduate students) who engage in research in geography and who wish to learn how to prepare proposals for a regular research grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will highlight ways to improve the quality and competitiveness of a proposal. They will also discuss the review process, including intellectual merit and broader impacts, plus additional funding possibilities at NSF. Presentations will be followed by a question and answer opportunity.

Looking Beyond the Lecture: Promoting Significant Learning in Large Classes

Wednesday, April 16, 1:00 p.m. – 4:00 p.m.

Organizers: Beth Schlemper, AAG; Michael Solem, AAG

Instructor: Douglas W. Gamble, Department of Geography & Geology, UNC Wilmington

Workshop Capacity: 20

Cost/person: \$5

Room: Falmouth Room, Marriott, 4th Floor

Teaching a large class is frequently the reality of a new academic position and can be a key to positive professional development. Successful instruction of a large class involves looking beyond the lecture and engaging a class through active learning that emphasizes information and ideas, experience, and reflection. This workshop will prepare participants for large classes by guiding them through development of an appropriate course format, aligned active learning exercises, and effective classroom management. This workshop is sponsored by the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography project and is based on material developed for the book *Teaching College Geography*. Priority will be given to graduate students and early career faculty. Participants will receive a complimentary copy of the book and learn about opportunities to serve in an evaluation program funded by EDGE.

No Passports Required: Resources for International Learning Collaborations in Geography

Wednesday, April 16, 1:30 p.m. – 5:00 p.m.

Organizer: Michael Solem, AAG

Instructors: Dr. Phil Klein, Department of Geography,

University of Northern Colorado; Dr. Osvaldo Muniz,

Department of Geography, Texas State University; Waverly Ray,

Department of Geography, Texas State University

Workshop Capacity: 20

Cost/person: \$5

Room: Vineyard Room, Marriott, 4th Floor

WORKSHOPS

Participants will be introduced to the AAG's Center for Global Geography Education (CGGE) modules for international collaboration. The modules link students in different countries for collaborative projects that promote understanding of geographic concepts, provide practice using geographic skills, and deepen awareness of international perspectives about contemporary global issues. This workshop is an excellent opportunity for geography faculty and graduate students to learn how they can use the modules to internationalize their courses and join a growing network dedicated to international collaboration in geography education. **Participants will be expected to bring a laptop.**

Writing Doctoral Dissertation Proposals for NSF Geography and Regional Science

Wednesday, April 16, 3:10 p.m. – 4:50 p.m.

Organizer: Kenneth R. Young, National Science Foundation
Instructors: Thomas J. Baerwald, National Science Foundation;
Daniel J. Hammel, National Science Foundation

Workshop Capacity: 50

Cost/person: free

Room: Provincetown Room, Marriott, 4th Floor

This is a one-hour workshop intended for geography graduate students at the doctoral level who wish to learn how to prepare proposals for a Doctoral Dissertation Research Improvement (DDRI) grant. These grants may be written to request up to \$12,000 and are meant to assist doctoral candidates with their research needs. Program officers from the Geography and Regional Science Program at the National Science Foundation will highlight ways to improve the quality and competitiveness of a proposal. They will also discuss the review process, including intellectual merit and broader impacts, plus additional funding possibilities at NSF. Presentations will be followed by a question and answer opportunity.

THURSDAY, APRIL 17

Advising Students in Geography

Thursday, April 17, 8:00 a.m. – 10:00 a.m.

Organizers: Beth Schlemper, AAG; Michael Solem, AAG
Instructors: Fred M. Shelley, University of Oklahoma; Adrienne M. Proffer, University of Central Oklahoma

Workshop Capacity: 20

Cost/person: \$5

Room: Falmouth Room, Marriott, 4th Floor

The purpose of this workshop is to introduce and discuss principles of academic advising as articulated by the National Academic Advising Association (NACADA), and to apply these principles to the discipline of geography at both the undergraduate and graduate levels. We discuss NACADA's philosophy and identify the core values of academic advising. We then develop several principles by which instructors in a college setting can carry out these core values, paying particular attention to the application of these principles to geography as a discipline. Workshop participants will read case studies,

participate in role-playing exercises, and undertake group discussions in order to illustrate the operationalization of these principles and practices. This workshop is sponsored by the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography project and is based on material developed for the book *Aspiring Academics*. Priority will be given to graduate students and early career faculty. Participants will receive a complimentary copy of the book and learn about opportunities to serve in an evaluation program funded by EDGE.

Writing CAREER proposals for NSF Geography and Regional Science

Thursday, April 17, 10:10 a.m. – 11:50 a.m.

Organizer: Kenneth R. Young, National Science Foundation
Instructors: Thomas J. Baerwald, National Science Foundation;
Daniel J. Hammel, National Science Foundation

Workshop Capacity: 50

Cost/person: free

Room: Provincetown Room, Marriott, 4th Floor

This is a one-hour workshop intended for geography faculty members at the Assistant Professor rank who are in tenure-track positions and who are interested in submitting a proposal for a CAREER grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will highlight ways to improve the quality and competitiveness of a proposal. They will also discuss the review process and the rules associated with this particular grant type. Presentations will be followed by a question and answer opportunity.

Writing proposals for NSF Geography and Regional Science

Thursday, April 17, 3:10 p.m. – 4:50 p.m.

Organizer: Kenneth R. Young, National Science Foundation
Instructors: Thomas J. Baerwald, National Science Foundation;
Daniel J. Hammel, National Science Foundation

Workshop Capacity: 50

Cost/person: free

Room: Provincetown Room, Marriott, 4th Floor

This is a one-hour workshop intended for faculty members and professional geographers (not graduate students) who engage in research in geography and wish to learn how to prepare proposals for a regular research grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will highlight ways to improve the quality and competitiveness of a proposal. They will also discuss the review process, including intellectual merit and broader impacts, plus additional funding possibilities at NSF. Presentations will be followed by a question and answer opportunity.

WORKSHOPS

FRIDAY, APRIL 18

Preparing Competitive Research Grant Proposals

Friday, April 18, 8:00 a.m. – 12:00 p.m.

Organizers: Beth Schlemper, AAG; Michael Solem, AAG

Instructor: Patricia Solis, AAG

Workshop Capacity: 20

Cost/person: \$5

Room: Falmouth Room, Marriott, 4th Floor

Beyond the duties of teaching, research, publishing, and service, expectations that academics should generate external funding are increasingly important. This workshop aims to give advice on how to do that successfully by focusing on Ten Actions You Should Take. It includes practical recommendations for preparing competitive research grant proposals and habits of mind that will help you as a researcher who is successful at generating external funding. Participants will conduct two major activity sets that utilize successful example NSF proposals and participant's own writing samples. The exercises are designed to help you focus on a good research problem and formulate a convincing, coherent proposal that can be delivered on time and on budget. This workshop is sponsored by the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography project and is based on material developed for the book publication *Aspiring Academics*. Priority will be given to graduate students and early career faculty. Participants will receive a complimentary copy of the book and learn about opportunities to serve in an evaluation program funded by EDGE.

Mapping for the Masses, a Google Workshop

Friday, April 15, 12:30 p.m. – 3:00 p.m.

Organizer: Wei Luo, Google, Inc.

Instructors: Mark Aubin, Mike Springer, and Pamela Fox, Google, Inc.

Workshop Capacity: 220

Cost/person: free

Room: Staffordshire, Westin, 3rd Floor

Part I (12:30 p.m. - 1:15 p.m.) - The Origin of Google Earth: Mark Aubin, co-founder of Keyhole, will talk about the history of Google Earth. He will share the early inspirational ideas that started a revolution in the internet mapping world. Keyhole became Google Earth when Google acquired the company in October, 2004, and quickly released it for free to everyone. And now over 350 million users world-wide use the product to find their house, find a cafe, defend their forests, teach their children about their planet, explore the world and more.

Part II (1:15 p.m. - 2:00 p.m.) - Google SketchUp & Google 3D Warehouse - Your keys to unlock new 3D content: Mike Springer will demonstrate how to take existing data and prepare it for inclusion in Google Earth. Demos will include how to create 3D models, how to integrate it with existing GIS tools and how to use digital photographs to enhance 3D models, with a discussion about how 3D data is prepared and included in Google Earth.

Part III (2:15 p.m. - 3:00 p.m.) - Google Maps Mashups: Pamela Fox will present interactive demos showing off the basics and advanced features of the Google Maps API. She'll also show how to easily create maps based off calendars or spreadsheets, how to display time-based information on a map, and how to create custom maps based off existing images or polygonal data (e.g. TIGER). This is a re-run of the Tuesday presentation.

An Introduction to GIS using Xmap

Friday, April 18, 2:20 p.m. – 4:20 p.m.

Organizer/Instructor: David McKittrick, DeLorme

Workshop Capacity: 40

Cost/person: \$10

Room: Vineyard Room, Marriott, 4th Floor

Traditionally GIS software requires an extensive period of training and education on how to use the technology before it can be applied in a productive capacity. This workshop will provide an opportunity for attendees to see the practical application of GIS in an accessible and understandable way. The program will cover basic data collection and creation, feature display and symbolization, simple analysis and querying tools, and data sharing including publishing of data layers to an interactive Web site.

What's Just?: A Workshop for Mapping the State of Geographies of Justice

Friday, April 18

Organizer/Instructor: Jen Gieseking, CUNY Graduate Center & Sara Koopman, University of British Columbia

Time/Location: see flyer posted on AAG Message Board

This workshop will be open to all and does not require registration.

This participatory workshop will explore what geographies of justice look like and struggle with by asking all in the room to describe their research very briefly in order to collectively map our connections on the board, in terms of topics, locations, and methods. This fruitful exercise began, in part, at the Summer Institute for Geographies of Justice and is one which we hope to continue, widen, and deepen by connecting and networking other justice work in the center and on the borderlands of the academy. This process is modeled on the "coming-together" that social movements are engaging in at various social forums, where the connections between different forms of justice, say, housing and racial justice, are being traced and deepened.

NEW TO ROUTLEDGE IN 2008

Publications of the AAG

Association of American Geographers



AAG
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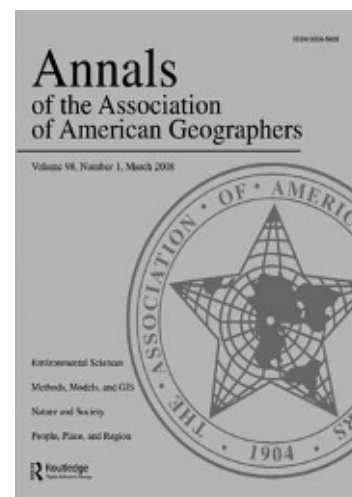
Annals of the Association of American Geographers

2006 IMPACT FACTOR: 2.141; RANKING
5/39 IN GEOGRAPHY
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CITATION REPORTS

Editors: Richard Aspinall, Audrey Kobayashi,
Mei-Po Kwan and Karl Zimmerer
Volume 98, 2008, 4 issues per year
Print ISSN: 0004-5608 Online ISSN: 1467-8306

The Annals of the Association of American Geographers was first published in 1911. It is recognized as the Association's premier journal for major research articles and in-depth book reviews for all fields of geography. To be accepted, a paper must adhere to a high standard of scholarship and make an important contribution to geographic knowledge. It should also be grounded in the relevant literature of the specialization it represents and, where appropriate, establish relationships to themes within the broader discipline. Contents may include invited essays and commentaries, review articles, Presidential Addresses, memorials, and occasional map supplements.

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The Professional Geographer

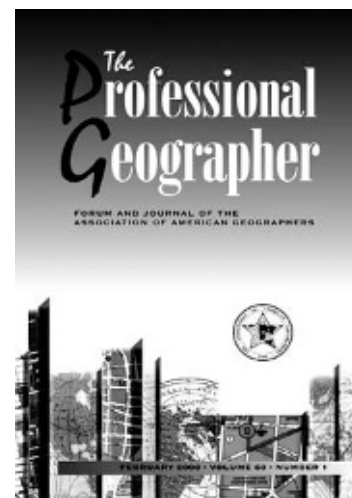
Forum and Journal of the Association of American Geographers

2006 IMPACT FACTOR: 1.046; RANKING
20/39 IN GEOGRAPHY
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Editor: Sharmistha Bagchi-Sen
Associate Editor: Sean J Bennett
Volume 60, 2008, 4 issues per year
Print ISSN: 0033-0124 Online ISSN: 1467-9272

The Professional Geographer, initially a publication of the American Society for Professional Geographers, became a journal of the Association of American Geographers in 1949. It publishes short articles of academic or applied geography, emphasizing empirical studies and methodologies, as well as book reviews. These features may range in content and approach from rigorously analytic to broadly philosophical or prescriptive. The journal provides a forum for new ideas and alternative viewpoints.

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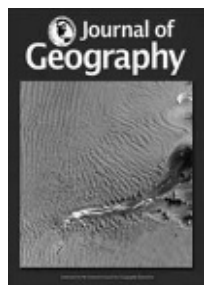
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Gender, Place and Culture

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Geocarto International

Editors: Kamlesh Lulla, NASA/Johnson Space Centre, USA and M. Duane

Nellis, Kansas State University, USA

Volume 23, 2008, 4 issues per year

Geopolitics

Editors: David Newman, Ben-Gurion, University of the Negev, Israel and

John Agnew, University of California, USA

Volume 13, 2008, 4 issues per year

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International Journal of Digital Earth

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Volume 1, 2008, 4 issues per year

International Journal of Geographical Information Science

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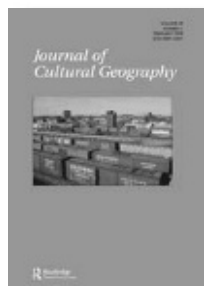
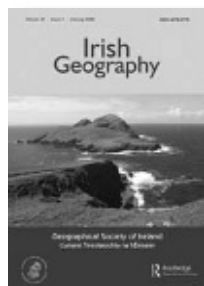
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Irish Geography

Journal of the Geographical Society of Ireland

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Volume 41, 2008, 3 issues per year



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Journal of Geography in Higher Education

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Volume 32, 2008, 3 issues per year

Journals of the National Council for Geographic Education

Journal of Geography

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Volume 107, 2008, 6 issues per year

The Geography Teacher

Editor: Ed Grade, Mercyhurst College, USA

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Journal of Land Use Science

Editor: Richard Aspinall, Macaulay Institute, UK

Volume 3, 2008, 4 issues per year

Landscape Research

Journal of the Landscape Research Group

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Editors: Kevin Hannam, University of Sunderland, UK; Mimi Sheller,

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Journal of the Royal Scottish Geographical Society

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Editor: Ronan Paddison, University of Glasgow, UK

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Social & Cultural Geography

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Spatial Economic Analysis

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Ethics, Place & Environment

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Volume 11, 2008, 3 issues per year

International Journal of Water Resources Development

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Editor-in-Chief: Asit K. Biswas, Third World Centre for Water Management, Mexico

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Journal of Environmental Planning and Management

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Volume 51, 2008, 6 issues per year

Journal of Environmental Policy and Planning

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Volume 10, 2008, 4 issues per year

NEW FOR 2009!

Journal of Natural Resources Policy Research

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Volume 1, 2009, 4 issues per year

Local Environment

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Journal of the American Planning Association

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Urban Policy and Research

Editor: Glen Searle, University of Technology, Australia

Volume 26, 2008, 4 issues

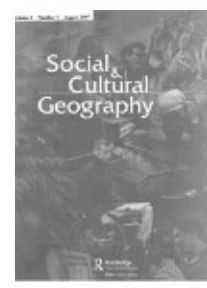
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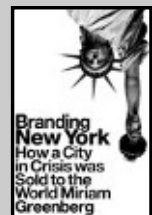
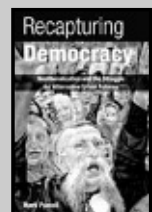
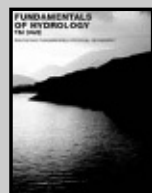
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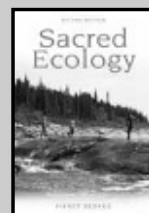
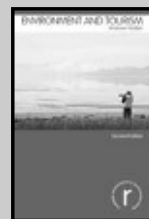
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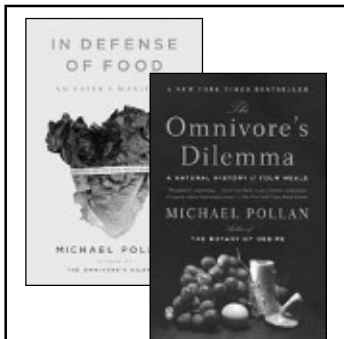
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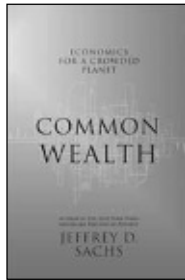
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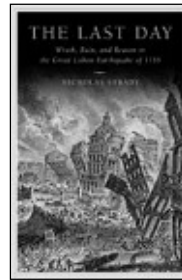
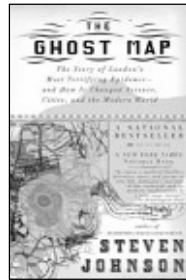
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FIELD TRIPS

MONDAY, APRIL 14

Cape Cod National Seashore: Ecology and Management

Monday, April 14, 7:00 a.m. – 7:00 p.m.

Organizers/Leaders: Dr. Al Rydant, Geography Department, Keene State College; Dr. John P. Smith, Associate, University of Wolverhampton; Matthew Bates, University of Wolverhampton; Dr. Brian Shiplee, University of Wolverhampton

Trip Capacity: 36

Cost/person: \$70 (*includes transportation, entrance fees, lunch/snacks/drinks, handouts*)

Cape Cod National Seashore was established in 1961; its remit was to preserve traditional and cultural uses of the land. The National Seashore is now a top tourist destination, both national and international. The Management has to delicately balance the expectations and needs of the local and tourist populations. This field trip offers an insight to how the park manages an array of human made issues, while protecting flora and fauna. Topics covered include legislation, habitat restoration, survey methods, and hydrology. Specific sites visited include Salt Ponds Visitor Center, Hatches Harbor, Coast Guard Beach, Provincetown, and Race Point.

Weweantic River Area, Southern Massachusetts

Monday, April 14, 8:00 a.m. – 5:00 p.m.

Organizers/Leaders: Lawrence R. Handley, USGS National Wetlands Research Center; Catherine M. Lockwood, Chadron State College

Trip Capacity: 25

Cost/person: \$55 (*includes transportation*)

This traveling workshop will focus on conversion of wetlands for commercial use, in particular, cranberry production along the Weweantic River. We will use maps, aerial photography, and a satellite image to examine land cover change over time. Participants should bring \$8.00 for pre-arranged lunch.

Walking Tour of Central Boston

Monday, April 14, 9:00 a.m. – 12:00 p.m.

Organizers/Leaders: Bill Anderson, Department of Geography & Environment, Boston University

Trip Capacity: 20

Cost/person: \$5 (*includes walking tour*)

The walking field trip begins with a ride on public transportation from Copley Square to Long Wharf, the historical center of Boston's maritime economy. It passes through new parks developed on the site of the dismantled Central Artery; Quincy Market; Boston City Hall and Government Center; Boston Common; Beacon Hill and the Back Bay. Themes include historical changes in the shoreline and terrain; the contrast between historic preservation and bulldozer redevelopment; development and uses of public space and the diverse architectural styles of Boston. The two-hour walking field trip ends back at Copley Square, near the site of the AAG Meetings. Participants should bring money for the subway.

Tour of USGS Coastal and Marine Geology Woods Hole Field Center, Woods Hole, MA

Monday, April 14, 8:30 a.m. – 6:00 p.m.

Organizers/Leaders: Brian Andrews and Christopher Polloni, USGS, Woods Hole Science Center

Trip Capacity: 24

Cost/person: \$70 (*includes bus transportation and lunch*)

This field trip to scenic Woods Hole, home to several world-renowned marine scientific research institutions, will be hosted by the U.S. Geological Survey's Woods Hole Science Center. The USGS conducts studies in sediment transport, habitat geoscience, sea-level rise, submarine ground water, coastal erosion and shoreline change, marine gas hydrate, tsunami and earthquake hazards and sea floor mapping activities. Visitors will have the opportunity to visit our sea-going instrumentation laboratories, be introduced to data collection equipment, and data visualization and interpretation techniques.

Geography in Conservation – Mapping to Protect Whales in the Stellwagen Bank National Marine Sanctuary

Monday, April 14, 8:00 a.m. – 5:00 p.m. (meet in the Grand Ballroom Salons AB in the Marriott)

Organizers/Leaders: Jennifer Bender Ferré, Ph.D., Executive Director of *Stellwagen Alive! Friends of Our National Marine Sanctuary*; and, Regina Asmutis-Silvia, Ph.D., Senior Biologist with the *Whale and Dolphin Conservation Society*

Trip Capacity: 90

Room: Marriott – Grand Ballroom Salons AB (meet here at 8:00am)

Cost/person: \$95 (*includes symposium/workshop in the morning; transportation, entrance fees, whale watching boat tour, and lunch in the afternoon*)

Join *Stellwagen Alive! Friends of Our National Marine Sanctuary* for a Symposium/Workshop and Whale Watching Field Trip. A morning symposium/workshop at the Boston Marriott Copley Place (meet in the Grand Ballroom Salons AB at 8:00 a.m.) will highlight the significant role of Geography in Conservation including: 1) Mapping the Underwater Behavior of Endangered Whales; 2) Using geography to reduce the risk of collisions between ships and endangered whales 3) Noise Field Mapping of Ships in Stellwagen Bank National Marine Sanctuary; and 4) The user geography of the Stellwagen sanctuary and its implications for conservation. An afternoon whale watching boat trip will allow participants to visit the Sanctuary and experience the majesty of the animals it is charged with protecting.

All field trips will depart from the Main Lobby of the Boston Marriott Copley Place.

FIELD TRIPS

TUESDAY, APRIL 15

Standing on Water: Boston, Groundwater, and the Built Environment

Tuesday, April 15, 4:00 p.m. – 6:00 p.m.

Organizers/Leaders: Sharon Moran, SUNY – Environmental Science and Forestry

Trip Capacity: 25

Cost/person: \$5 (*includes walking tour*)

A new problem with old foundations lies beneath the 2008 AAG Meeting. As Boston's water table drops, old buildings built on deep wooden piles become threatened: when the soil surrounding the piles dries out, decay undermines the foundations. Because of this, property values have dropped by as much as 20 percent in some areas. Coping strategies range from highly sophisticated (injection wells) to elegantly simple (re-routing drain pipes). This predicament involves people, water, and buildings and is also a complex governance problem, with a novel groundwater trust established specifically to address it. Join us as we take a look at how Bostonians have coped with this problem, and explore its manifestation and consequences through brief site visits to at-risk buildings, injection wells, and relevant offices. Whether your interests are collapsed binaries or collapsed buildings, our exploration of Boston's shaky foundations will leave you more situated and liminal than before. Participants should bring money for the subway.

Walking Tour of Boston's South End

Tuesday, April 15, 9:30 a.m. – 11:00 a.m.

Organizers/Leaders: Nancy S. Seasholes, Historian

Trip Capacity: 30

Cost/person: \$12 (*includes walking tour and handouts*)

Right around the corner from the conference hotel is Boston's South End, a neighborhood of brick Victorian row houses listed on the National Register as the "largest remaining Victorian urban residential neighborhood in the United States." This walking tour will explore why the neighborhood was developed and why the land on which it is located, much of which is man-made, was created.

Wineries and the Terroir of Coastal New England

Tuesday, April 15, 8:00 p.m. – 5:00 p.m.

Organizers/Leaders: Percy H. Dougherty, Kutztown University

Trip Capacity: 50

Cost/person: \$60 (*includes transportation, wine tasting*)

Visit an emerging wine district with two AWS Certified Wine Judges. In addition, Al Long is writing the definitive book on coastal New England wineries. New England does not come to mind when you think about wine, but cranberry, blueberry and fruit wines have been produced for years. Today's NEW wine industry based on Chardonnay, delicious whites, and some reds, will be highlighted. This should be no surprise to geographers who understand the coastal climate and the glacial soil drainage. A visit to Sakonnet Vineyards and West Port Winery gives you a chance to taste the New England terroir.

All field trips will depart from the Main Lobby of the Boston Marriott Copley Place.

Field Trip to Salem, Massachusetts

Tuesday, April 15, 9:00 a.m. – 4:00 p.m.

Organizers/Leaders: Larry Goss, Salem State College, Geography Department; Steve Matchak, Salem State College

Trip Capacity: 50

Cost/person: \$35 (*includes transportation*)

This field trip will visit Salem, Massachusetts. Participants will have a bus and walking tours. Salem is an old colonial city with beautiful architecture and many places to tour. Free time will be provided for visiting local attractions such as the House of Seven Gables, the Peabody Essex Museum, the Witch House, and the National Maritime Historic Site (Customs House). The field trip will last all day. Participants should bring money for lunch/snacks/drinks and souvenirs.

Boston and Beyond: A Bird's Eye View of New England

Tuesday, April 15, 10:00 a.m. – 11:00 a.m.

Organizer/Leader: Ronald E. Grim, Curator of Maps, Norman B. Leventhal Map Center, Boston Public Library

Trip Capacity: 25

Cost/person: \$5 (*includes tour*)

Guided tour of exhibit featuring fifty New England urban bird's eye views at the Boston Public Library. During the late 19th century, Boston artists excelled at portraying local communities responding to urbanization with specialty maps imaginatively depicting each town as if viewed obliquely from an elevation of 2,000 to 3,000 feet. These fascinating pieces show unusual, non-north perspectives and political or promotional distortions, while creating the illusion of three-dimensionality. Recently named an official project of Save America's Treasures, this pre-eminent collection of bird's eye views is a key resource for comprehending and interpreting North American urbanization and industrialization during the last half of the 19th century.

Meet at tour start time in the ground floor lobby, McKim Building (Dartmouth Street entrance), Boston Public Library, opposite Copley Square.

WEDNESDAY, APRIL 16

Ride the "T" and see TOD in Metropolitan Boston

Wednesday, April 16, 8:30 p.m. – 5:30 p.m.

Organizers/Leaders: Keith A. Ratner, Geography Department, Salem State College; Stephen Hick, Geography Department, University of Denver

Trip Capacity: 36

Cost/person: \$22 (*includes 7-day Transit pass and walking tour*)

This field trip will focus on the Boston transit system (MBTA) and transit oriented development (TOD). Many different rapid transit lines will be ridden including the new bus rapid transit (BRT) Silver Line. MBTA officials will ride along to explain the system and answer questions. Numerous TOD sites will be visited including the proposed Columbian Center project in the Back Bay, a newly permitted project in the Fenway, and existing development in South Boston and Wellington Circle, Malden. Representatives from the developers may give presentations of their individual development projects.

FIELD TRIPS

The Dudley Street Neighborhood Initiative: A Walking Tour of a Roxbury Neighborhood

Wednesday, April 16, 1:00 p.m. – 4:00 p.m.

Organizer: Lydia Savage, University of Southern Maine

Leader: Jason Webb, The Dudley Street Neighborhood Initiative (DSNI)

Trip Capacity: 15

Cost/person: \$25 (*includes walking tour and guide*)

The Dudley Street Neighborhood Initiative (DSNI) is a nonprofit community-based planning and organizing entity rooted in the Roxbury/North Dorchester neighborhoods of Boston. DSNI's approach to neighborhood revitalization is comprehensive including economic, human, physical, and environmental growth. It was formed in 1984 when residents of the Dudley Street area came together out of fear and anger to revive their neighborhood that was devastated by arson, disinvestment, neglect and redlining practices, and protect it from outside speculators. This walking tour will begin with a meeting with DSNI leadership and then a walking tour to see first-hand the changes in the landscape brought about by DSNI. Participants should bring at least \$5 for public transportation.

Lowell National Historical Park and the Tsongas Industrial History Center

Wednesday, April 16, 11:00 a.m. – 5:00 p.m.

Organizer/Leader: Thomas Estabrook, University of Massachusetts Lowell

Trip Capacity: 24

Cost/person: \$40 (*includes transportation and admission fees*)

This tour explores Lowell's industrial and social history at Lowell National Historical Park. Beginning with a walk through downtown Lowell, the tour moves to the Boott Mill museum, which includes an early 20th century power loom weaving room. In a "Workers on the Line" workshop, tour participants "work" on assembly lines that simulate 19th-early 20th century production lines, the changes in the nature of work, and attendant labor/management conflict. Finally, we will visit the boardinghouse exhibit, which explores the social and cultural experiences of "mill girls" and immigrants, from Irish laborers to recent Southeast Asian émigrés. Participants should bring at least \$10 for lunch from a deli in downtown Lowell.

Geocaching Event

Wednesday, April 16, 2:00 p.m. – 4:00 p.m.

Organizer/Leader: Ken Gerson and Steve Reiter, USGS Infoservices

Trip Capacity: 40 individuals or teams (only one person per "team" should register)

Cost/person: \$5 (*includes walking "tour"*)

The US Geological Survey is hosting a Geocaching event at 2:00 o'clock on Wednesday and Thursday in the lobby of the Boston Marriott Copley Place. Participants will be given a GPS receiver, a brief illustrated guide on using the receiver, and a set of questions which can only be answered by successful

navigation to waypoints stored in the receiver. The event offers participants a chance to see some interesting sites around Boston, mingle with other AAG attendees, and learn a little about GPS navigation. The outdoor course covers about 2 miles and should take around 90 minutes to walk. Forty (40) receivers are available for loan (USGS will hold your driver's license until you return) and participants are encouraged to team up with other AAG attendees.

Boston and Beyond: A Bird's Eye View of New England

Wednesday, April 16, 12:00 p.m. – 1:00 p.m.

Organizer/Leader: Ronald E. Grim, Curator of Maps, Norman B. Leventhal Map Center, Boston Public Library

Trip Capacity: 25

Cost/person: \$5 (*includes tour*)

Guided tour of exhibit featuring fifty New England urban bird's eye views at the Boston Public Library. During the late 19th century, Boston artists excelled at portraying local communities responding to urbanization with specialty maps imaginatively depicting each town as if viewed obliquely from an elevation of 2,000 to 3,000 feet. These fascinating pieces show unusual, non-north perspectives and political or promotional distortions, while creating the illusion of three-dimensionality. Recently named an official project of Save America's Treasures, this pre-eminent collection of bird's eye views is a key resource for comprehending and interpreting North American urbanization and industrialization during the last half of the 19th century.

Meet at tour start time in the ground floor lobby, McKim Building (Dartmouth Street entrance), Boston Public Library, opposite Copley Square.

THURSDAY, APRIL 17

Water Resource Planning for Metropolitan Boston

Thursday, April 17, 1:00 p.m. – 5:00 p.m.

Organizer: Dr. Rutherford H. Platt, Ecological Cities Project

Leader: Stephen Estes-Smargiassi, Director of Planning at Massachusetts Water Resources Authority

Trip Capacity: 34

Cost/person: \$30 (*includes bus transportation*)

This half-day field trip will visit the headquarters of the Massachusetts Water Resources Authority (MWRA) located within the historic Boston Navy Yard which is now a National Park Service site. The group will have a couple of hours of discussions with senior MWRA staff on a series of timely topics including the history and operation of the new treatment facility at Deer Island, MWRA's renowned water conservation program, its source watershed management program, and ongoing policy debates regarding the metropolitan sewer and water systems. Time will also be available to wander around the Navy Yard and visit the U.S.S. Constitution which is permanently docked there as well as other vessels and exhibits maintained by the National Park Service.

All field trips will depart from the Main Lobby of the Boston Marriott Copley Place.

FIELD TRIPS

Tour of the Harvard Map Library & CGA Reception

Thursday, April 17, 3:30 p.m. – 5:30 p.m.

Organizers/Leaders: Wendy Guan, Center for Geographic Analysis, Harvard University; Bonnie Burns, Harvard College Library Map Collection

Trip Capacity: 50

Cost/person: \$5 (*includes admission fee and reception*)

This 2-hour event is hosted by the Center for Geographic Analysis at Harvard University (<http://cga.harvard.edu>) together with Harvard College Library Map Collection (<http://hcl.harvard.edu/libraries/#hmc>). The small-group tour of the Map Collection will provide a behind the scenes look at America's oldest map collection. In addition, attendees will be able to view the exhibit "Visualizing Ukraine: A Western Cartographic Perspective," a selection from the Bohdan and Neonila Krawciw Ukrainica Map Collection, donated to Harvard University and the Harvard Ukrainian Research Institute in 2005, which now constitutes the largest single collection of Ukrainian maps in America. When not touring the Map Collection, visitors will be able to browse posters showcasing Harvard students and researchers work in geographic analysis, and hear about the CGA and the Harvard Geospatial Library, all during a reception service. The event is limited to 50 people on a first-come-first-served base. Attendees are expected to arrive at the Harvard Map Collection, Pusey Library in Harvard Yard (http://map.harvard.edu/level2.cfm?mapname=camb_allston&tile=F7) at 3:30 p.m. on Thursday, April 17th, 2008. Pusey Library is only a few minutes walk from the Subway (T) Red Line Harvard station (http://www.mbt.com/schedules_and_maps/subway). If you prefer to drive, we recommend that you arrange for a university parking permit in advance (http://www.uos.harvard.edu/transportation/par_vis.shtml).

Walking Tour of Downtown Boston Courtesy of the Regional Development and Planning Specialty Group

Thursday, April 17, 1:00 p.m. – 3:00 p.m.

Organizers/Leaders: Yehua Dennis Wei, University of Utah; George Pomeroy, Shippensburg University of Pennsylvania; Kairos Shen, Director of Planning, City of Boston; Robert Kroin, Chief Architect, City of Boston

Trip Capacity: 40

Cost/person: \$5 (*includes walking tour*)

The downtown walking tour is a signature annual event of the Regional Development and Planning Specialty Group. As in previous years, this tour will explore and profile notable civic landmarks, downtown planning issues, and significant planning initiatives and projects – all within walking distance of conference venue. This year's guide will be Robert Kroin. Mr. Kroin serves as the Chief Architect at the Boston Redevelopment Authority, Boston's planning and development agency, where he has worked on more than 600 projects in urban design, planning and design review. Mr. Kroin is the recipient of the 1999 Thomas Jefferson Award for Public Architecture, awarded biannually by the American Institute of Architects as the profession's highest honor in civic design.

Rebecca Nurse Homestead

Thursday, April 17, 1:00 p.m. – 5:00 p.m.

Organizers: Nathan Hamilton, University of Southern Maine; Lydia Savage, University of Southern Maine

Leaders: Nathan Hamilton, University of Southern Maine; Glen Mairo, Danvers Alarm Lift Company; Melinda Blustain, Director, Robert S. Peabody Museum of Archaeology

Trip Capacity: 34

Cost/person: \$30 (*includes transportation*)

In 1692, 71-year old Rebecca Nurse was accused of being a witch and hanged in Salem Village (Danvers), ground zero of the witchcraft events of 1692, with virtually the entire 500-person population involved. The Rebecca Nurse Homestead includes Nurse's house, a reproduction of the 1672 Salem Village Meeting House, other buildings, a graveyard, and 25 acres of fields, pasture, and woods. This homestead is today a visible link to many of the famous and infamous events of Salem Village and Danvers, and visitors to the property will acquire a good representation of New England life during the colonial period through a walking tour and a discussion of the site's archaeology.

Geocaching Event

Thursday, April 17, 2:00 p.m. – 4:00 p.m.

Organizer/Leader: Ken Gerson and Steve Reiter, USGS Infoservices

Trip Capacity: 40 individuals or teams (only one person per "team" should register)

Cost/person: \$5 (*includes walking "tour"*)

The US Geological Survey is hosting a Geocaching event at 2:00 o'clock on Wednesday and Thursday in the lobby of the Boston Marriott Copley Place. Participants will be given a GPS receiver, a brief illustrated guide on using the receiver, and a set of questions which can only be answered by successful navigation to waypoints stored in the receiver. The event offers participants a chance to see some interesting sites around Boston, mingle with other AAG attendees, and learn a little about GPS navigation. The outdoor course covers about 2 miles and should take around 90 minutes to walk. Forty (40) receivers are available for loan (USGS will hold your driver's license until you return) and participants are encouraged to team up with other AAG attendees.

All field trips will depart from the Main Lobby of the Boston Marriott Copley Place.

FIELD TRIPS

Boston and Beyond: A Bird's Eye View of New England

Thursday, April 17, 12:00 p.m. – 1:00 p.m.

Organizer/Leader: Ronald E. Grim, Curator of Maps, Norman B. Leventhal Map Center, Boston Public Library

Trip Capacity: 25

Cost/person: \$5 (*includes tour*)

Guided tour of exhibit featuring fifty New England urban bird's eye views at the Boston Public Library. During the late 19th century, Boston artists excelled at portraying local communities responding to urbanization with specialty maps imaginatively depicting each town as if viewed obliquely from an elevation of 2,000 to 3,000 feet. These fascinating pieces show unusual, non-north perspectives and political or promotional distortions, while creating the illusion of three-dimensionality. Recently named an official project of Save America's Treasures, this pre-eminent collection of bird's eye views is a key resource for comprehending and interpreting North American urbanization and industrialization during the last half of the 19th century.

Meet at tour start time in the ground floor lobby, McKim Building (Dartmouth Street entrance), Boston Public Library, opposite Copley Square.

FRIDAY, APRIL 18

An Interdisciplinary Fieldtrip to Thoreau's Concord, Past and Present

Friday, April 18, 9:00 a.m. – 2:00 p.m.

Organizers: Sarah Luria, Holy Cross College

Leaders: Brian Donahue, Environmental Studies, Brandeis University; Lawrence Buell, English Department, Harvard University; Richard Primack, Biology Department, Boston University

Trip Capacity: 24

Cost/person: \$58 (*includes transportation, guest speakers and deli lunch*)

This walking tour through the woods around Concord, Massachusetts will let scholars from the humanities and the sciences reflect together on this historic landscape. Richard Primack (Biology Dept. Boston University) will discuss the area's flora from the 19th century to the present and what it says about climate change. Brian Donahue (Environmental Studies Program, Brandeis) will discuss land use and disputes from Native American settlement to the present; Lawrence Buell (English Dept., Harvard) will discuss Thoreau's writings and perspective on Concord's landscape. With the added input of the tour participants we will achieve a rich understanding of this many-layered landscape. Dress for outdoor walking over muddy ground.

Land Use and Land Use Tensions in the Boston Rural-Urban Relationship

Friday, April 18, 1:00 p.m. – 6:00 p.m.

Organizers: William J. Gribb, University of Wyoming, Geography Department; K. Valentine Cadieux, Yale University, Yale Program in Agrarian Studies

Leaders: Brian Donahue, Brandeis University; Jen James, Associate Director of The Food Project; Guest Speaker – Lincoln Land Conservation Organization

Trip Capacity: 32

Cost/person: \$58 (*includes transportation, handouts, guest speakers and refreshments*)

Explore the urban-rural relationship within Metropolitan Boston, where cities and suburbs have been built over village settlement forms, and where traditionally rural land uses have been maintained (and transformed) in the form of conservation forests and community farms. The historic landscapes stretching west of Boston display classic tensions of the urban fringe: many generations of urban sprawl, traces of different eras of farming and forestry, and continued struggles to conserve, preserve, and maintain landscapes valued for being rural. Wear sturdy shoes and warm clothes for this half day trip, which will traverse the urban-rural continuum between an urban and suburban farm and visit Walden Pond and other iconic rural landscapes within Metropolitan Boston.

Urban Ecology Restoration

Friday, April 18, 1:00 p.m. – 5:00 p.m.

Organizer: Dr. Rutherford H. Platt, Ecological Cities Project

Leader: Eric Strauss, Urban Ecology Institute, Boston College

Trip Capacity: 34

Cost/person: \$35 (*includes bus transportation*)

This half-day field trip will visit sites of ecological restoration in the highly urbanized Mystic River Watershed in East Boston. One will be the Condor Street Urban Wild on Chelse Creek, a former industrial site and brownfield, which has been redeveloped into an "urban wild" with salt marshes, meadow grasses, and other coastal habitat elements as well as walking paths, a boardwalk, sculptures, and viewing platform. Other sites to be determined. Dr. Eric Strauss, conservation biologist and environmental educator at the Boston College Urban Ecology Institute will accompany us to serve as guide and resource expert.

FIELD TRIPS

Boston's South End: A Walking Tour

Friday, April 18, 1:00 p.m. – 3:00 p.m.

Organizer: Lydia Savage, University of Southern Maine

Leader: Jim Meehan, Curry College

Trip Capacity: 12

Cost/person: \$5 (*includes walking tour*)

The South End is a former working class area that has experienced extensive gentrification since the 1980's. The area's physical environment has been shaped historically by classic process of American urban development, including social conflict, ethnic succession; gentrification; and community development. The result is a diversity of environments: a gentrified area that is a center of art and theater life in Boston (as well as one of Boston's gay communities); a former industrial area in the process of conversion to expensive housing; a public housing project that is being upgraded; and a Puerto Rican enclave surrounded by gentrification for example. The South End walking tour will explore the relationship of social processes and the shaping of physical space.

Boston and Beyond: A Bird's Eye View of New England

Friday, April 18, 2:00 p.m. – 3:00 p.m.

Organizer/Leader: Ronald E. Grim, Curator of Maps, Norman B. Leventhal Map Center, Boston Public Library

Trip Capacity: 25

Cost/person: \$5 (*includes tour*)

Guided tour of exhibit featuring fifty New England urban bird's eye views at the Boston Public Library. During the late 19th century, Boston artists excelled at portraying local communities responding to urbanization with specialty maps imaginatively depicting each town as if viewed obliquely from an elevation of 2,000 to 3,000 feet. These fascinating pieces show unusual, non-north perspectives and political or promotional distortions, while creating the illusion of three-dimensionality. Recently named an official project of Save America's Treasures, this pre-eminent collection of bird's eye views is a key resource for comprehending and interpreting North American urbanization and industrialization during the last half of the 19th century.

Meet at tour start time in the ground floor lobby, McKim Building (Dartmouth Street entrance), Boston Public Library, opposite Copley Square.

SATURDAY, APRIL 19

Back Bay Walking Tour

Saturday, April 19, 10:00 a.m. – 1:00 p.m.

Organizers/Leaders: Arthur Krim, Boston Architectural College

Trip Capacity: 20

Cost/person: \$15 (*includes walking tour and subway fare*)

The Back Bay of Boston was developed on land fill as an elite residential district between 1860-1890 with a wide variety of impressive architectural buildings from town houses to landmark churches. The tour will follow development from Arlington Street along the axis of Commonwealth Avenue to Massachusetts Avenue with a focus at Copley Square.

All field trips will depart from the Main Lobby of the Boston Marriott Copley Place.

Maps and Trails of African Heritage

Saturday, April 19, 1:00 p.m. – 4:00 p.m.

Organizers/Leaders: Gerald J. Rizzo and Lucia Lovison-Golob, Afriterra Foundation; Robert Dugan, Suffolk University Library

Trip Capacity: 45

Cost/person: \$25 (*includes transportation and entrance fees*)

This field trip focuses on resources of African Heritage located among the historic architecture of Beacon-Hill. The first stop is the Afriterra Cartographic Library at Suffolk University. Two rare map exhibits, "Tracing The Nile" and "Defining Darfur", allow a first look at this cartographic history spanning more than 500 years. A demonstration includes the latest technology in high-resolution digital zooming for more than 2000 rare maps of Africa. The second stop is the Museum of African American History's Black Heritage Trail® which begins at the famous Shaw memorial sculpture of the Massachusetts 54th Regiment, the first all black regiment to fight in the Civil War. The Trail is maintained and operated through a 25 year old partnership with the National Park Service, and visits several sites of the Underground Railroad. Here, The African Meeting House, built in 1806, is the oldest black church edifice still standing in the United States, built by and for the free black community on Beacon Hill. It was the Center of the Abolitionist movement and where William Lloyd Garrison founded the New England Anti-Slavery Society.

Boston and Beyond: A Bird's Eye View of New England

Saturday, April 19, 1:00 p.m. – 2:00 p.m.

Organizer/Leader: Ronald E. Grim, Curator of Maps, Norman B. Leventhal Map Center, Boston Public Library

Trip Capacity: 25

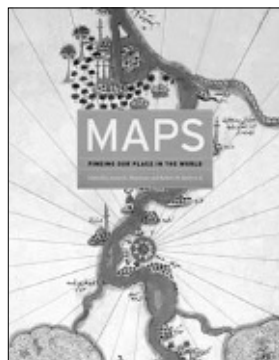
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Guided tour of exhibit featuring fifty New England urban bird's eye views at the Boston Public Library. During the late 19th century, Boston artists excelled at portraying local communities responding to urbanization with specialty maps imaginatively depicting each town as if viewed obliquely from an elevation of 2,000 to 3,000 feet. These fascinating pieces show unusual, non-north perspectives and political or promotional distortions, while creating the illusion of three-dimensionality. Recently named an official project of Save America's Treasures, this pre-eminent collection of bird's eye views is a key resource for comprehending and interpreting North American urbanization and industrialization during the last half of the 19th century.

Meet at tour start time in the ground floor lobby, McKim Building (Dartmouth Street entrance), Boston Public Library, opposite Copley Square.

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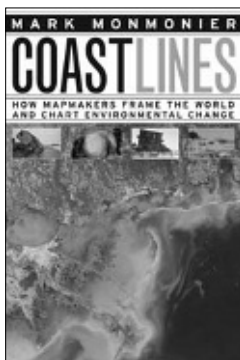
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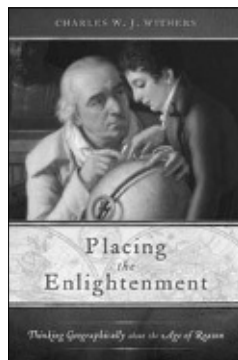
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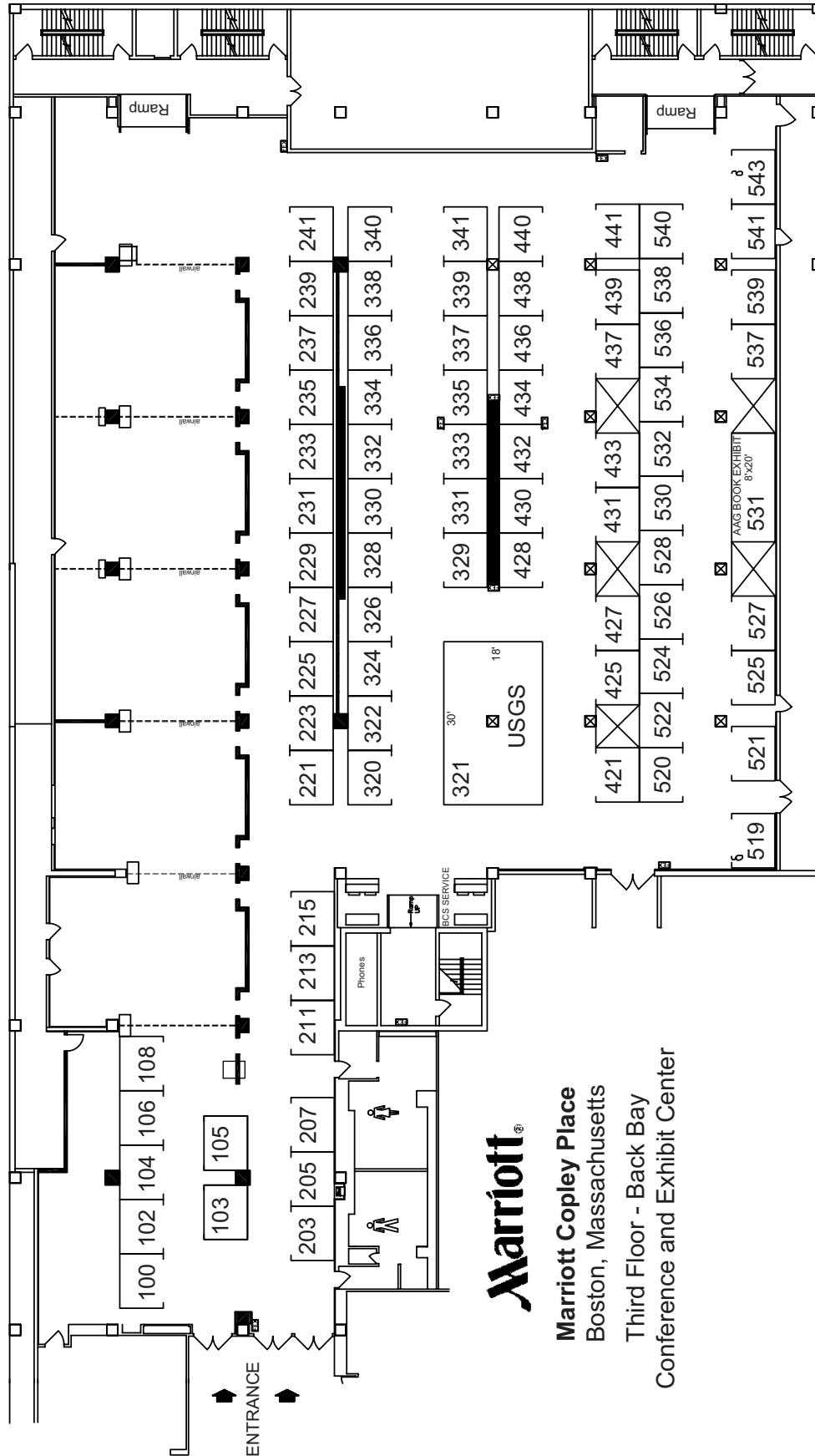


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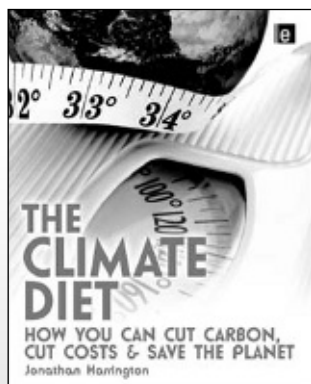
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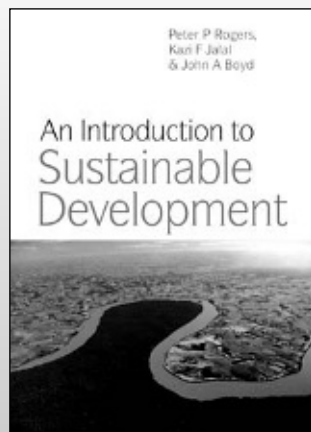
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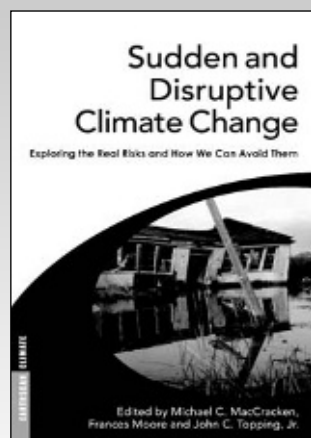


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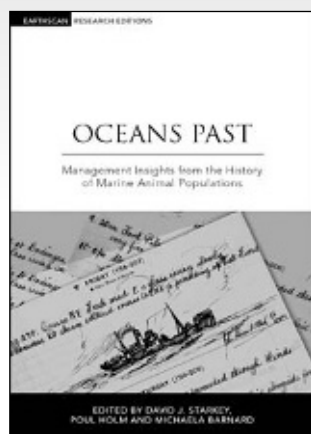
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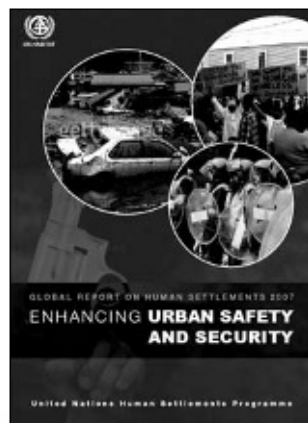
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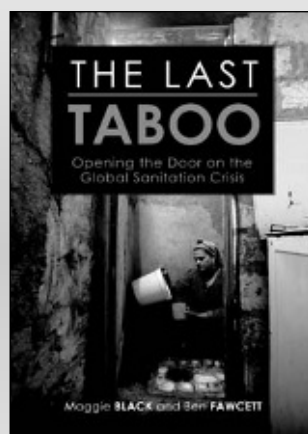
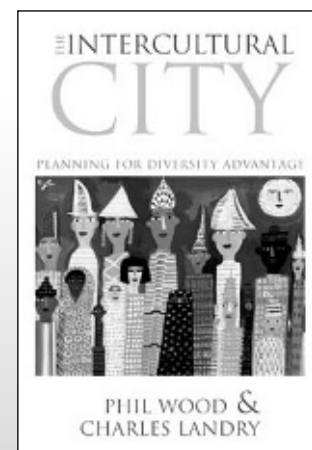
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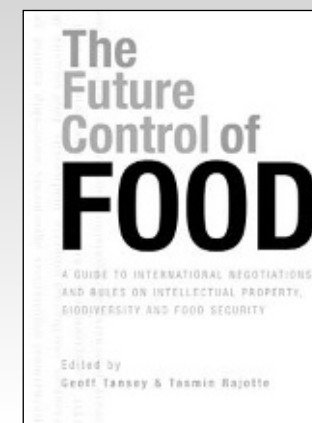
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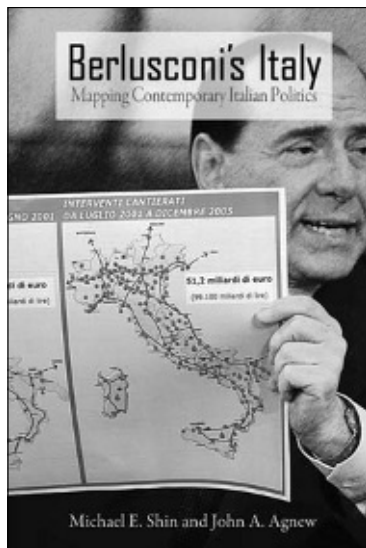
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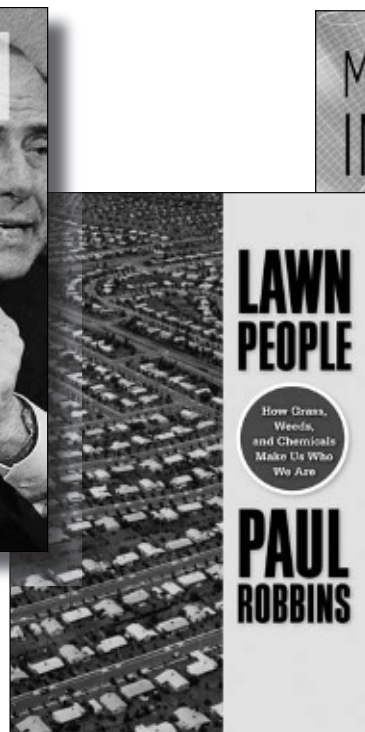
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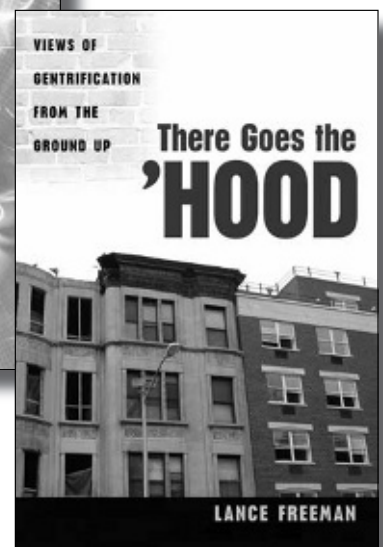
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| 8:00 a.m. - 7:30 p.m. | Registration Open (<i>Registration Desks, Marriott, 4th Floor</i>) |
| 12:00 p.m. - 1:40 p.m. | Sessions 14xx |
| 2:10 p.m. - 3:50 p.m. | Sessions 15xx |
| 4:20 p.m. - 6:00 p.m. | Sessions 16xx |
| 6:15 p.m. - 11:00 p.m. | Opening Evening Events (see page 41) |
| 6:15 p.m. - 7:45 p.m. | Opening Plenary with Jeffrey Sachs (<i>Grand Ballroom Salons A-F, Marriott, 4th Floor</i>) |
| 7:30 p.m. - 9:00 p.m. | Exhibit Hall Opening Reception (<i>Back Bay Conference and Exhibition Center, Marriott, 3rd Floor</i>) |
| 7:45 p.m. - 8:30 p.m. | International Reception (<i>Clarendon– Fairfield, Marriott, 3rd Floor</i>) |
| 8:00 p.m. - 11:00 p.m. | The Boston Awesome Welcome Party featuring music and dancing with “The Awesome” (<i>Grand Ballroom Salons G-K, Marriott, 4th Floor</i>) |

SCHEDULE-AT-A-GLANCE ~ WEDNESDAY

WEDNESDAY, APRIL 16

7:00 a.m. - 7:00 p.m.	Registration Open (<i>Registration Desks, Marriott, 4th Floor</i>)
8:00 a.m. - 9:40 a.m.	Sessions 21xx
9:30 a.m. - 4:30 p.m.	JIG Center Open (<i>Atrium Lounge, Marriott, 3rd Floor</i>) (see pages 44-45)
9:30 a.m. - 4:30 p.m.	Exhibit Hall Open (<i>Back Bay Conference and Exhibition Center, Marriott, 3rd Floor</i>) (see pages 72-73)
9:30 a.m.	Coffee Break in Exhibit Hall (<i>Back Bay Conference and Exhibition Center, Marriott, 3rd Floor</i>)
10:10 a.m. - 11:50 a.m.	Sessions 22xx
11:55 a.m. - 12:55 p.m.	AAG Specialty Group Chairs Business Meeting (<i>Suffolk Room, Marriott, 3rd Floor</i>)
11:55 a.m. - 12:55 p.m.	Sessions 23xx
1:00 p.m. - 2:40 p.m.	Sessions 24xx
3:10 p.m. - 4:50 p.m.	Sessions 25xx
5:00 p.m. - 6:30 p.m.	Presidential Plenary: Opportunities and Challenges for Interdisciplinary Research (<i>Grand Ballroom Salons EF, Marriott, 4th Floor</i>) (see page 18)
7:00 p.m. - 8:00 p.m.	Specialty Group Business Meetings (Sessions 27xx)
7:30 p.m. - 10:30 p.m.	World Geography Bowl (<i>Grand Ballroom, Salon E, Marriott, 4th Floor</i>) (see page 42)
8:00 p.m. - 9:00 p.m.	Specialty Group Business Meetings (Sessions 28xx)

SCHEDULE-AT-A-GLANCE ~ THURSDAY

THURSDAY, APRIL 17

7:00 a.m. - 7:00 p.m.	Registration Open (<i>Registration Desks, Marriott, 4th Floor</i>)
8:00 a.m. - 9:40 a.m.	Sessions 31xx
9:30 a.m. - 4:30 p.m.	JIG Center Open (<i>Atrium Lounge, Marriott, 3rd Floor</i>) (see pages 44-45)
10:00 a.m. - 4:30 p.m.	Exhibit Hall Open (<i>Back Bay Conference and Exhibition Center, Marriott, 3rd Floor</i>) (see pages 72-73)
10:10 a.m. - 11:50 a.m.	Sessions 32xx
11:55 a.m. - 12:55 p.m.	Specialty Group Business Meetings (33xx)
12:00 p.m. - 2:00 p.m.	AAG Department Chairs Luncheon (<i>Staffordshire, Westin, 3rd Floor</i>)
1:00 p.m. - 2:40 p.m.	Sessions 34xx
2:30 p.m.	Coffee Break in Exhibit Hall (<i>Back Bay Conference and Exhibition Center, Marriott, 3rd Floor</i>)
3:10 p.m. - 4:50 p.m.	Sessions 35xx
5:20 p.m. - 7:00 p.m.	Sessions 36xx
7:00 p.m. - 8:30 p.m.	AAG Banquet (<i>Grand Ballroom Salons EF, Marriott, 4th Floor</i>) (see page 40)
8:30 p.m. - 10:00 p.m.	Past President's Address by Kavita Pandit (<i>Grand Ballroom Salon EF, Marriott, 4th Floor</i>) (see pages 19, 40)

SCHEDULE-AT-A-GLANCE ~ FRIDAY

FRIDAY, APRIL 18

7:00 a.m. - 6:30 p.m.	Registration Open (<i>Registration Desks, Marriott, 4th Floor</i>)
8:00 a.m. - 9:40 a.m.	Sessions 41xx
9:30 a.m. - 4:30 p.m.	JIG Center Open (<i>Atrium Lounge, Marriott, 3rd Floor</i>) (see pages 44-45)
10:00 a.m. - 1:00 p.m.	Exhibit Hall Open (<i>Back Bay Conference and Exhibition Center, Marriott, 4th Floor</i>) (see pages 72-73)
10:10 a.m. - 11:50 a.m.	Sessions 42xx
12:20 p.m. - 2:00 p.m.	Sessions 43xx
2:30 p.m. - 4:10 p.m.	Sessions 44xx
4:40 p.m. - 6:20 p.m.	Sessions 45xx
6:30 p.m. - 8:00 p.m.	Plenary: Spotlight on U.S. Geography Linkages to Developing Regions (<i>Grand Ballroom Salons EF, Marriott, 4th Floor</i>) (see page 19)
8:15 p.m. - 9:15 p.m.	Specialty Group Business Meetings (Sessions 47xx)
8:00 p.m. - 12:00 a.m.	AAG Regional Film Series (<i>Grand Ballroom Salon H, Marriott, 4th Floor</i>) (see page 41)

SCHEDULE-AT-A-GLANCE ~ SATURDAY

SATURDAY, APRIL 19

7:00 a.m. - 12:00 p.m.	Registration Open (<i>Registration Desks, Marriott, 4th Floor</i>)
8:00 a.m. - 9:40 a.m.	Sessions 51xx
10:10 a.m. - 11:50 a.m.	Sessions 52xx
12:00 p.m. - 2:15 p.m.	AAG Awards Luncheon (<i>Back Bay AB, Sheraton, 2nd Floor</i>) (see page 40)
2:20 p.m. - 4:00 p.m.	Sessions 54xx
2:30 p.m. - 3:30 p.m.	AAG Business Meeting (<i>Fairfax A, Sheraton, 3rd Floor</i>) (see page 41)
4:30 p.m. - 6:10 p.m.	Sessions 56xx

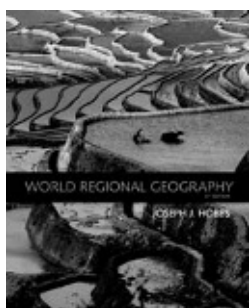
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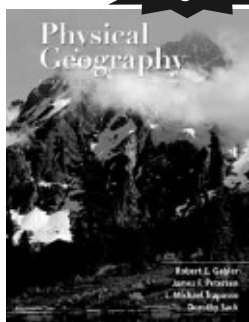
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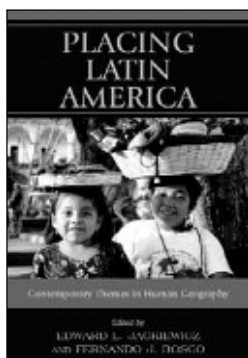
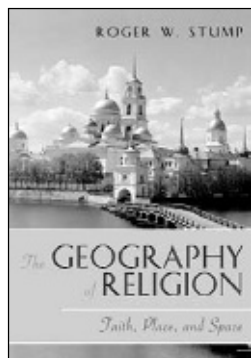
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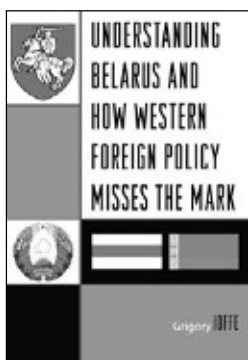
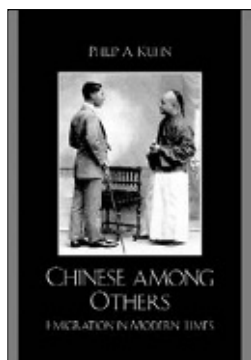
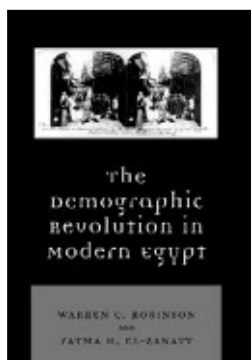
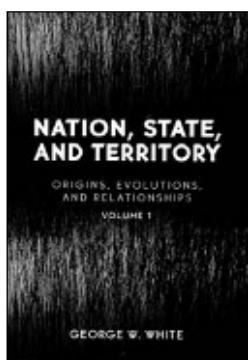
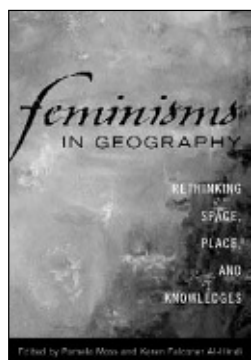
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AAG's sessions are all numbered with a 4-digit code. The numbers represent the following information:

First digit = day (see below)

Second digit = time slot (see below)

Last two digits = room code (see next page)

Key to days (first digit) is as follows:

Tuesday = 1

Wednesday = 2

Thursday = 3

Friday = 4

Saturday = 5

Below are the keys to time slots (2nd digit):

Tuesday, April 15

<i>Session #</i>	<i>Time</i>
14xx	12:00 p.m. - 1:40 p.m.
15xx	2:10 p.m. - 3:50 p.m.
16xx	4:20 p.m. - 6:00 p.m.
17xx	6:15 p.m. - 7:45 p.m. (Opening Plenary)

Wednesday, April 16

<i>Session #</i>	<i>Time</i>
21xx	8:00 a.m. - 9:40 a.m.
22xx	10:10 a.m. - 11:50 a.m.
23xx	11:55 a.m. - 12:55 p.m.
24xx	1:00 p.m. - 2:40 p.m.
25xx	3:10 p.m. - 4:50 p.m.
26xx	5:00 p.m. - 6:30 p.m. (Presidential Plenary)
27xx	7:00 p.m. - 8:00 p.m.
28xx	8:00 p.m. - 9:00 p.m.

Thursday, April 17

<i>Session #</i>	<i>Time</i>
31xx	8:00 a.m. - 9:40 a.m.
32xx	10:10 a.m. - 11:50 a.m.
33xx	11:55 a.m. - 12:55 p.m.
34xx	1:00 p.m. - 2:40 p.m.
35xx	3:10 p.m. - 4:50 p.m.
36xx	5:20 p.m. - 7:00 p.m.
37/38xx	7:00 p.m. - 10:00 p.m. (AAG Banquet and Past Presidents Address)

Friday, April 18

<i>Session #</i>	<i>Time</i>
41xx	8:00 a.m. - 9:40 a.m.
42xx	10:10 a.m. - 11:50 a.m.
43xx	12:20 p.m. - 2:00 p.m.
44xx	2:30 p.m. - 4:10 p.m.
45xx	4:40 p.m. - 6:20 p.m.
46xx	6:30 p.m. - 8:00 p.m. (Plenary)
47xx	8:15 p.m. - 9:15 p.m.

Saturday, April 19

<i>Session #</i>	<i>Time</i>
51xx	8:00 a.m. - 9:40 a.m.
52xx	10:10 a.m. - 11:50 a.m.
53xx	12:00 p.m. - 2:15 p.m. (AAG Awards Luncheon)
54xx	2:20 p.m. - 4:00 p.m.
55xx	2:30 p.m. - 3:30 p.m. (AAG Business Meeting)
56xx	4:30 p.m. - 6:10 p.m.

Therefore, session 4219 would be held on Friday (4219) from 10:10 a.m. – 11:50 a.m. (4219) in Grand Ballroom Salon D (4219).

xx = Room code

(See next page for list of room code numbers)

KEY TO ROOMS

<i>Code</i>	<i>Room Name</i>	<i>Hotel</i>	<i>Floor</i>	<i>Code</i>	<i>Room Name</i>	<i>Hotel</i>	<i>Floor</i>
02	Clarendon Room	Marriott	3rd	38	St. George A	Westin	3rd
03	Dartmouth Room	Marriott	3rd	39	St. George B	Westin	3rd
04	Exeter Room	Marriott	3rd	40	St. George C	Westin	3rd
05	Fairfield Room	Marriott	3rd	41	St. George D	Westin	3rd
06	Harvard Room	Marriott	3rd	42	Essex North-West	Westin	3rd
07	Brandeis Room	Marriott	3rd	43	Essex North-East	Westin	3rd
08	Northeastern Room	Marriott	3rd	44	Essex North-Center	Westin	3rd
09	MIT Room	Marriott	3rd	45	Staffordshire	Westin	3rd
10	Suffolk Room	Marriott	3rd	46	Parliament Room #1	Westin	7th
11	Wellesley Room	Marriott	3rd	47	Empire Room #6	Westin	7th
12	Tufts Room	Marriott	3rd	48	North Star Room #10	Westin	7th
13	Simmons Room	Marriott	3rd	49	Defender Room #5	Westin	7th
14	Boston Univ. Room	Marriott	3rd	50	Adams Room #2	Westin	7th
15	Regis Room	Marriott	3rd	51	Great Republic #7	Westin	7th
16	Grand Ballroom Salon A	Marriott	4th	52	Baltic Room #3	Westin	7th
17	Grand Ballroom Salon B	Marriott	4th	53	Courier Room #4	Westin	7th
18	Grand Ballroom Salon C	Marriott	4th	54	Mastiff Room #9	Westin	7th
19	Grand Ballroom Salon D	Marriott	4th	55	Beacon A	Sheraton	3rd
20	Grand Ballroom Salon E	Marriott	4th	56	Beacon B	Sheraton	3rd
21	Grand Ballroom Salon F	Marriott	4th	57	Beacon D	Sheraton	3rd
22	Grand Ballroom Salon G	Marriott	4th	58	Beacon E	Sheraton	3rd
23	Grand Ballroom Salon H	Marriott	4th	59	Beacon F	Sheraton	3rd
24	Grand Ballroom Salon I	Marriott	4th	60	Beacon G	Sheraton	3rd
25	Grand Ballroom Salon J	Marriott	4th	61	Beacon H	Sheraton	3rd
26	Grand Ballroom Salon K	Marriott	4th	62	Kent	Sheraton	3rd
27	Nantucket Room	Marriott	4th	63	Jefferson	Sheraton	3rd
28	Provincetown Room	Marriott	4th	64	Exeter	Sheraton	3rd
29	Hyannis Room	Marriott	4th	65	Berkeley	Sheraton	3rd
30	Orleans Room	Marriott	4th	66	Hampton A	Sheraton	3rd
31	Yarmouth Room	Marriott	4th	67	Hampton B	Sheraton	3rd
32	Falmouth Room	Marriott	4th	68	Conference Room 1	Sheraton	5th
33	Vineyard Room	Marriott	4th	69	Conference Room 6	Sheraton	5th
34	Maine Room	Marriott	5th	70	Fairfax A	Sheraton	3rd
35	New Hampshire Room	Marriott	5th	71	Fairfax B	Sheraton	3rd
36	Vermont Room	Marriott	5th	72	Dalton	Sheraton	3rd
37	Massachusetts Room	Marriott	5th				

TUESDAY

Presenting author(s) are indicated with an asterisk ().*

TUESDAY, APRIL 15**12:00 PM - 1:40 PM****1400****12:00 PM - 1:40 PM****1402. Geospatial Data and Methods***Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey Olson, The Ohio State University

12:00 XiaoHeng Liu*, San Francisco State University, *On the nature and composition of DEM errors resulted from interpolation.***12:20** Yongxin Deng*, Western Illinois University; Chad E. Sperry, Western Illinois University, *Evaluating 30 m USGS DEM error and its impact on drainage boundary locations using continuous GPS measurements.***12:40** Janet H. Gritzner*, South Dakota State University; Bruce V. Millett, South Dakota State University, *Application of IFSAR DTMs in Modeling Depressional Wetlands.***1:00** Jeffrey Olson*, The Ohio State University; Alan T. Murray, The Ohio State University; Kamyoun Kim, Ewha Women's University, Korea, *Radar Location: Exploring coverage modeling issues.***1403. Heritage: Representation***Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Michael Gavin, Victoria University of Wellington

12:00 Adam Mandelman*, University of Wisconsin - Madison, *Paths of Paradise? The Cultural Geography of Hawai'i's Ala Kahakai National Historic Trail.***12:20** Liling Huang*, Graduate Institute of Building and Planning, National Taiwan University, *Contesting Meanings of the State Buildings in a Post Authoritarian Era: The Political War on Re-naming Chang Kai-shek Memorial Hall in Taipei.***12:40** Rowena E. Butland*, School of Geosciences, The University of Sydney, *Scaling Angkor: The Social Construction of Scale in Heritage Management.***1:00** David N. Zurick*, Eastern Kentucky University, *Geographical Symbolism in Asian Gardens.***1:20** Michael Gavin*, Victoria University of Wellington, *Islands of Language - Patterns of Linguistic Diversity in the Pacific Ocean.***1404. India:***Room: Exeter Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ian Feinhandler

12:00 Chris Drake, Ph.D.*, Old Dominion University; Christine Drake, Ph.D., Old Dominion University, *Challenges facing Rajasthan.***12:20** Dorothy Drummond*, Indiana State University, *Rajasthan: Imprint of Culture on India's Largest Province.***12:40** Rajiv Rawat, PhD Candidate*, York University, Toronto, Canada, *The Paradoxes of Regionalism: New State Formation amidst Neoliberal Transition in Uttarakhand, India.***1:00** Philippa Jane Williams, BA (Hons) MPhil*, Department of Geography, University of Cambridge, *Everyday Muslim geographies: experiences of the state and civil society in North India.***1:20** Ian Feinhandler, PhD*, Sonoma State University, *Hindu Nationalism and Neoliberal Economics.***1405. Geographies of Collective Action: Theoretical Questions, Empirical Inquiries I (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)***Room: Fairfield Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Byron A. Miller, University of Calgary; Walter J. Nicholls, Sociology, CSU Long Beach

CHAIR(S): Justin Beaumont, University of Groningen

12:00 Fran Klodawsky, Dr. *, Carleton University; Leonore Evans, M.A., Carleton University, *Collective Action and Transformative Possibilities: Canada's National Homelessness Initiative.***12:20** Leela Viswanathan, PhD*, Queen's University, *Theorizing cross-cultural collective formation and action in neoliberal Toronto from 1998 to 2005.***12:40** Walter J. Nicholls*, Sociology, CSU Long Beach, *The Spaces of Network Fragmentation: A Case Study of Paris's Sans-Papiers Movement.***1:00** Deborah G. Martin*, Clark University; Alexander Scherr, School of Law, University of Georgia, *Place frames encounter the law: activist strategies and legal frameworks in land use conflicts.***1406. Water, Science, Humans: Adventures of the Hydrosocial Cycle I***Room: Harvard Room, Marriott, 3rd Floor (Panel Session)*

ORGANIZER(S): Jessica Budds, The Open University; James Linton, Queen's University

CHAIR(S): Erik Swyngedouw, University of Manchester

Panelists: Jessica Budds, The Open University; James Linton, Queen's University; Trevor Birkenholtz, Rutgers University; Olivier Graefe, University of Fribourg; Rebecca Lave, UC Berkeley Geography Department; K. Maria D. Lane, University of New Mexico; François Molle, Institut De Recherche Pour Le Développement

1407. Exploring "New" Geographies of Mobility and Accessibility: Theory, Modelling, and Policy Implications I (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)*Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Ron N. Buliung, Department of Geography, University of Toronto at Mississauga; Joe Weber, University of Alabama

CHAIR(S): Ron N. Buliung, Department of Geography, University of Toronto at Mississauga

12:00 Antonio Paez*, McMaster University; Catherine Morency, École Polytechnique de Montréal; Matthew Roorda, University of Toronto, *New mobilities of the old. A study of the evolution of elderly mobility in the Greater Montreal Area.***12:20** Kalina Soltys*, University of Toronto at Mississauga; Ron Buliung, Assistant Professor, University of Toronto at Mississauga, *Gender-based complexities of carpooling.***12:40** Christa Hubers, MSc*, Utrecht University; Martin Dijst, Prof. Dr., Utrecht University; Tim Schwanen, Dr., Utrecht University, *Coping strategies and the temporal and spatial fragmentation of paid labor.***1:00** Taede Tillema*, Utrecht University, Geosciences, Human Geography; Martin Dijst, Utrecht University, Geosciences, Human Geography; Tim Schwanen, Utrecht University, Geosciences, Human Geography, *Discussing something confidential while travelling by train: the use of a phone conversation versus silent modes.*

TUESDAY, APRIL 15**12:00 PM - 1:40 PM****1400**

1:20 Fang Ren*, University of Redlands; Mei-Po Kwan, The Ohio State University, *The Internet, Mobility, and Everyday Life*.

1408. Justice in Nature: Production & Consumption of Uneven Urban Environments Session I (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): PARAMA ROY; Geri Weinstein

CHAIR(S): PARAMA ROY

12:00 PARAMA ROY, PhD candidate*, University of Wisconsin-Milwaukee, *Innovative Civic Responses to Neoliberalization of Urban Nature: The Milwaukee Green Movement*.

12:20 LaDona G. Knigge, PhD*, California State University, Chico, *Urban environmental justice, uneven development and community empowerment: Emerging green spaces in marginalized urban neighborhoods*.

12:40 Jeffrey Zimmerman*, University of Wisconsin Whitewater, *Urban Greening as an Accumulation Strategy: The Chicago Case Study*.

1:00 Jeremia Njeru*, University of Wisconsin-Milwaukee, *Political Democratization And The Production Of Urban Deforestation: The Case Of Karura Forest, Nairobi, Kenya*.

Discussant(s): Ryan Holifield, University of Wisconsin-Milwaukee

1409. Remote Sensing of Terrestrial Carbon Fluxes and Vegetation Biophysical Properties I (Sponsored by Remote Sensing Specialty Group)

Room: MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Jingfeng Xiao

CHAIR(S): Jingfeng Xiao

12:00 Alan H. Strahler*, Boston University; Curtis Woodcock, Boston University; Crystal Schaaf, Boston University; Jicheng Liu, Boston University; Ranga Myneni, Boston University; Glenn Newnham, Ensis Australia; Darius Culvenor, Ensis Australia; David Jupp, CSIRO CMAR Australia; Jenny Lovell, CSIRO CMAR Australia; Wenge Ni-Meister, Hunter College of CUNY; Shihyan Yang, Hunter College of CUNY; Xiaowen Liu, Boston University; Tian Yao, Boston University; Feng Zhao, Boston University; Xiaoyuan Yang, Boston University; Qingling Zhang, Boston University; Mitchell Schull, Boston University; Miguel Roman, Boston University; Zhuosen Wang, Boston University; Yanmin Shuai, Boston University, *An Under-Canopy, Upward-Scanning Lidar (Echima®) for Rapid Retrieval of Forest Structural Parameters*.

12:20 Conghe Song*, UNC Chapel Hill; Matthew B Dickinson, Northern Research Station, US Forest Service, *Extracting Forest Canopy Structure from Spatial Information of High Resolution Optical Imagery: Tree Crown Size vs. Leaf Area Index*.

12:40 Mark J Chopping, PhD*, Montclair State University; Gretchen G Moisen, PhD, USDA Forest Service; Ronald P Tymcio, USDA Forest Service, *Forest Biomass, Canopy Height and Crown Cover Mapping with MISR*.

1:00 Christopher Jason Still, Ph.D.*, UC Santa Barbara; Rebecca Powell, Ph.D., Denver University; Erika Jeannine Edwards, Ph.D., Brown University, *Biogeography and biogeochemistry of C4 grasses: studies at regional and continental scales*.

1:20 Jingfeng Xiao*, Department of Earth & Atmospheric Sciences, Purdue University; Qianlai Zhuang, Department of Earth & Atmospheric Sciences and Department of Agronomy, Purdue University, *Estimation of Continental-Scale Gross Primary Productivity by Combining MODIS and AmeriFlux Data*.

1412. Community geography and the academy: exploring community geography's place in academic geography (and geography's place in the community)

Room: Tufts Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Jonnell Allen

CHAIR(S): Jonnell Allen

Panelists: Hilda Kurtz, University of Georgia; Daniel R. Block, Chicago State University; Andy Walter, University of West Georgia; Jonnell Allen

1413. The Colonial Present I: Reclaiming Sovereignty and Identity (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): G. Rebecca Dobbs, Emporia State University

12:00 Fletcher P. Chmara-Huff, MA*, Ohio State University, *Postcolonial, indigenous, decolonial: can geography survive*.

12:20 Heather Dorries*, University of Toronto, *De-colonizing Geography/Reclaiming Indigenous Space: A Review of Current Literature on Indigenous Contributions to Geographic Methods and Thought*.

12:40 Michael D. Smith*, University of British Columbia, *Dominions of Canada: Nation-State, Territory and Imperial Power in the Age of Terror*.

1:00 Brian Egan*, Carleton University, *From Joseph Trutch to Steven Point: The Long Road to Reconciliation in British Columbia*.

1:20 Laura Smith*, Macalester College, *Tribal Self-Determination through GIS? An Examination of Three Minnesota Tribes*.

(see session description on page 26)

1416. Diaspora and the City I: Memory, Emotion and Belonging

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Noah Hysler-Rubin, Queen Mary University of London; Shompa Lahiri, Department of Geography, Queen Mary University of London

CHAIR(S): Claire Dwyer

12:00 Serene Tan*, York University, *Place Diasporas: Southeast Asian Chinatowns & (Re)Constructions of Home*.

12:20 Jayani Bonnerjee*, Queen Mary, University of London, *Attachment and city space: Anglo-Indian and Chinese memories of Calcutta*.

12:40 Noah E Hysler-Rubin*, Queen Mary University of London, *Jewish Calcutta: a living urban memory*.

1:00 Liette Gilbert*, Faculty of Environmental Studies, York University, *Immigration as local politics: Fearing immigration, multiculturalism and diasporic urbanity*.

1:20 Julie Young*, York University, *Claiming Refuge, Practicing Citizenship: The Mobility of Politics in a Border City*.

TUESDAY, APRIL 15

12:00 PM – 1:40 PM

1400

- 1417. Memory and Heritage in the American South (Sponsored by Study of the American South SG, Cultural Geography Specialty Group, Southeastern Geographer)**
Room: Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Derek H. Alderman, East Carolina University; Eddie Modlin
CHAIR(S): Derek H. Alderman, East Carolina University
12:00 Jonathan Leib*, Florida State University, *Foreign Direct Investment and the Confederate Battle Flag in the American South*.
12:20 E Arnold Modlin*, East Carolina University, *Strategies of Representing Slavery at the North Carolina Plantation Museum: Is A More Accurate Discussion Moving Into the "Big" House?*.
12:40 Perry L. Carter*, Texas Tech University; David Butler, University of Southern Mississippi; Owen Dwyer, Indiana University - Purdue University Indianapolis, *Gazing Across the Color Line: White Visitors to Southern Heritage Sites*.
1:00 Joshua F. Inwood*, Auburn University, *Sweet Auburn: Constructing Auburn Avenue as a Heritage Tourist Destination*.
1:20 Michael K. Steinberg*, University of Alabama, *Journeys through Audubon's South*.

- 1418. Geographies of Marginalization**
Room: Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Laura Piacetini, Strathclyde Law School, University of Strathclyde
12:00 Leeann Townsend, PhD Candidate*, York University, *The Regulation of Urban Sex Work Space in Toronto, Canada*.
12:20 Patricia J Lopez, MA Grad student*, University of Washington, *Unionization of Commercial Sex Workers in India - a Two City Study*.
12:40 Magdalena Bastova, Mgr.*, *Foreign Direct Investment Effects on Urban Economy: A Case of the City of Pilsen, Czech Republic*.
1:00 Laura F Piacentini, Dr*, Reader in Criminology, Strathclyde Law School, University of Strathclyde, Glasgow, Scotland, *The Young Women of the L'govo Colony in Russia: Space, Place and the "Landscapes of Penal Despair"*.
1:20 Graham Rengert*, Cornell University, *Cultural Underpinnings of Thai Sex Industry*.

- 1421. Public Space and Spectacle**
Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Kyle Green, SUNY - Geneseo
12:00 Katherine Rose Williams*, University of Texas at Austin, *An Ode to Humanism: The Construction of Place at Fantasy Fest, Key West*.
12:20 Rafael René Díaz-Torres, M.S.*, University of Puerto Rico, *Apples are possible to harvest in a dialogic Caribbean: place portrayal in American professional wrestling*.
12:40 Ryan Goode*, San Diego State University, *The Politics Of Pasting: A Spatial Inquiry Into The Practice(s) Of Wheatpasting, Power, and Representation*.
1:00 Paul T. Kingsbury*, Simon Fraser University, *The game's the Thing: on sublimation and miracles in the 2006 FIFA World Cup*.
1:20 Kyle Green*, University of Minnesota, *Streetball: Representation and racialization of an urban performance*.

- 1422. Satellites, Roads, and Impervious Surfaces**
Room: Grand Ballroom Salon G, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Julie Earls, University of South Florida
12:00 Li Luo*, Department of Environmental and Resource Engineering, State University of New York College of Environmental Science and Forestry; Giorgos Montrakis, Department of Environmental and Resource Engineering, State University of New York College of Environmental Science and Forestry, *Satellite-derived impervious surface detection with spatially-explicit uncertainty metrics*.
12:20 Matthew M Sadecki*, Towson University, *Mapping Impervious Surfaces in Montgomery County, Maryland using Feature Analyst*.
12:40 Bumseok Chun*, The Ohio State University; Jean-Michel Guldmann, The Ohio State University, *Land-Cover Change as a Function of Accessibility to Highways*.
1:00 Yuyu Zhou*, University of Rhode Island; Yeqiao Wang, University of Rhode Island, *Improved Hydrologic Modeling with High Spatial Resolution Impervious Surface*.
1:20 Julie Earls*, University of South Florida St. Petersburg; Barnalia Dixon, PhD, University of South Florida St. Petersburg; Luz Raquel Hernandez-Cruz, University of South Florida College of Marine Science, *Using ERDAS Imagine to Derive Impervious Surfaces from High Resolution Aerial Photography and LiDAR*.

- 1423. Contesting Urban Growth in Suburban/Exurban Regions I (Sponsored by Urban Geography Specialty Group)**
Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Gerda R. Wekerle, York University; Anders Sandberg, York University
CHAIR(S): Gerda R. Wekerle, York University
Introducer: Gerda R. Wekerle
12:10 Andrew E Jonas, Professor*, University of Hull, *City-regionalism and the limits to progressive liberalism in the USA*.
12:30 L Anders Sandberg, Professor*, York University; Gerda R Wekerle, Professor, York University, *Navigating Growth in the Greater Golden Horseshoe: Narratives of Public, Private and NGO Actors*.
12:50 Douglas Young*, York University; John Saunders, York University, *The In-Between Spaces of Exurban Development: Implications for Urban Identity*.
1:10 Robert J. Mason*, Temple University, *Saving the Highlands: Comparing Collaborative and Regulatory Land-Use Management Approaches in New York's Exurban Shadow*.

- 1424. Home and Identity**
Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Laurence Cliche, INRS-UCS
12:00 Ilan Vitzel*, University of Melbourne, *Contested notions of choice and the housing experiences of people with intellectual disabilities*.
12:20 Robert Kinlocke*, University of the West Indies, Mona, *Fear of Crime, Demographic Identity and Gated Communities in the Kingston Metropolitan Area*.
12:40 Denise S. Cloutier-Fisher, PhD*, University of Victoria, Victoria, BC; Jennifer E. Harvey, MA, University of British Columbia, *Home beyond the house: Experiences of place in an evolving retirement community*.

TUESDAY, APRIL 15**12:00 PM – 1:40 PM****1400**

- 1:00** Samuel Scott Sanderson, graduate student*, University of South Florida, *Social Isolation of elderly males.*
- 1:20** Laurence Cliche*, University of Québec (INRS-UCS); Anne-Marie Séguin, University of Québec (INRS-UCS); Philippe Apparicio, University of Québec (INRS-UCS), *Location of private residences providing services for the elderly on the island of Montreal.*

1425. Migration: Processes and Policy

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stephanie Hydal, NSSR

- 12:00** Martin Simard*, University of Quebec at Chicoutimi, *Fifteen Years of Research on Youth Migration in Quebec. Contributions and Policy Issues.*

- 12:20** Meghan Andrew*, University of California, Riverside, *Reshaping "Home": Place Attachment, Social Change, and Young Female Migrants in Xalapa, Mexico.*

- 12:40** Robert Trivas Hunter*, Student, *The Causes and Consequences of Transnational Migration from the Western Highlands of Guatemala to Eastern North Carolina.*

- 1:00** Martha Scarpellino*, University of Iowa, *A Well-Worn Path: Foreign Policy, Immigration Policy and Migrant Flows between the United States and the Northern Triangle of Central America.*

- 1:20** Stephanie G. Hydal*, New School for Social Research, *Uncommon Possibilities on Common Ground: Religious Movements in Alliance with Immigration Struggles.*

1426. Urban Built Environment, Environmental Justice, and Health (Session I: Recreational Spaces and Spatial Justice)

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Chona E. Sister, Global Institute of Sustainability, ASU; Christopher Boone, Arizona State University

CHAIR(S): Alec Brownlow, DePaul University

- 12:00** Chona E. Sister*, Global Institute of Sustainability, ASU; Christopher G. Boone, Global Institute of Sustainability, ASU; John P. Wilson, Geography Department, Univ. of Southern California; Jennifer Wolch, Geography Department, Univ. of Southern California, *Park Access and Equity in Los Angeles, Phoenix, and Baltimore.*

- 12:20** Kate J Darby, PhD Student*, Arizona State University; Bethany Cutts, PhD Student, Arizona State University, *Environmental Justice and Obesogenic Environments: A Walkability Analysis of Phoenix, Arizona.*

- 12:40** Jason Gilliland, PhD*, University Of Western Ontario, *Examining Relationships among the Availability, Quality, and Use of Public Play Spaces in London, Canada.*

- 1:00** Annie Diola*, University of San Carlos, Cebu, Philippines; Chona Sister, Global Institute of Sustainability, Arizona State University, *No place in the sun: The increasingly privatized beaches of Mactan Is., Cebu, Philippines.*

- 1:20** Pascale Joassart-Marcelli, Ph.D.*, San Diego State University, *Leveling the Playing Field? Urban Disparities in Funding for Local Parks and Recreation.*

1428. Memories, Memorials and Identities I (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Ezra Zeitler, University Of Nebraska-Lincoln

CHAIR(S): Ezra Zeitler, University Of Nebraska-Lincoln

- 12:00** Kirsten Aletta Greer*, Queen's University, Kingston, Canada, *Ornithology on "Old Gib": Empire, Fieldwork, and Representation on the Straits of Gibraltar in the Late Nineteenth Century.*

- 12:20** Joan M. Schwartz, Ph.D*, Queen's University, Kingston, *Monument to Empire: The Construction and Destruction of the Photo-Geographical Archive.*

- 12:40** Steven Hoelscher*, University Of Texas, *Monuments We'd Like to Forget.*

- 1:00** Sara McDowell, Dr*, University of Ulster, *Extending the scope of conflict: exploring the nexus between territoriality, power and memory.*

- 1:20** Denis J. Linehan, PhD*, University College, Cork; João Sarmento, PhD, Geography Department, University of Minho, Portugal, *Spacing Forgetting: monuments and memory in the Kenyan Public Sphere.*

1429. Vegetation Change in the Upper Midwest (Sponsored by Biogeography Specialty Group)

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Julia Rauchfuss, University of Minnesota

CHAIR(S): Julia Rauchfuss, University of Minnesota

- 12:00** Adam Berland*, University of Minnesota, *Past vegetation change in the Big Woods region of Minnesota: interactions among climate, vegetation, disturbance, and landscape.*

- 12:20** Alicia Lindauer-Thompson*, University of Michigan; William S Currie, PhD, University of Michigan, *The potential use of models as decision support tools in Michigan state forest management: assessing the interplay of carbon storage with other management goals.*

- 12:40** Sarah S Margoles*, University of Minnesota, *Dendroecology of Minnesota Oak Savannas: Fire History, Age Structure and Herbaceous Species Composition.*

- 1:00** Julia Rauchfuss*, University of Minnesota; Susy S Ziegler, University of Minnesota, *Disturbance History and Regeneration Patterns in the Big Woods of Minnesota.*

Discussant(s): James H. Speer, Indiana State University

1430. Environmental Justice and Participatory Geographies (Sponsored by Africa Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Orleans Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Petra Tschakert, Penn State University

CHAIR(S): William G. Moseley, Macalester College

- 12:00** Kathleen Ann Dietrich, Masters Candidate*, The Pennsylvania State University, *Water Management in the Face of Institutional Structures and Climate Change: Perspectives of Communities in the Afram Plains, Ghana.*

- 12:20** Darrell Fuhrman*, Pennsylvania State University, *Dangerous Donations: Discarded Electronics in Accra, Ghana.*

- 12:40** Isaac N. Luginaah*, University of Western Ontario; Tony Weis, Dr, The University of Western Ontario, London, Ontario; Sylvester Galaa, Dr., Faculty of Integrated Studies, University of Development Studies, Wa, Ghana; Rachel Bezner-Kerr, Dr, The University of

TUESDAY, APRIL 15

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1400

Western Ontario, London, Ontario; Daniel Bagah, Dr., Faculty of Integrated Studies, University of Development Studies, Wa, Ghana, *Abandoning the farms in search of food: Distress migration from the Upper West Region of Ghana.*

1:00 Jessica S. Lehman*, Pennsylvania State University, *Health Social Services and Marginalization in the Small-Scale Mining Sector: A Case Study from Ghana.*

1:20 Petra Tschakert*, Penn State University, *Contaminated identities: Social and environmental injustice in Ghana's gold mines.*

1431. Critical views on the potential and limits of geographic information-based exploratory approaches for interdisciplinary issues

Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Eduardo Camacho-Hübner; Stéphane Joost, MFS MicroGIS Foundation for Spatial Analysis

CHAIR(S): Donna J. Pequet, Pennsylvania State University

12:00 Stéphane Joost*, Zootechnics Institute UCSC Piacenza, *Exploring the geographic dimension of genetic data.*

12:20 Eduardo Camacho-Hübner*, GIS Research Lab - EPFL - Switzerland, *Emerging processes: exploring morphological knowledge with a generic concept.*

12:40 Abram Pointet*, MicroGIS Foundation for Spatial Analysis; Paul Sillitoe, Anthropology Dpt, Durham University, UK, *Geographical Information Science and Cultural Anthropology.*

1:00 November Valerie*, EPFL - Switzerland; Pascal Viot*, EPFL - Switzerland; Marion Penelas, EPFL - Switzerland; Estelle Ployon, Edytem - CNRS - France, *RiskPrint: an exploratory cartography of the spatiality of risks.*

Discussant(s): Thomas Koch

1433. Environmental Law and Policy

Room: Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Olen Paul Matthews, University of New Mexico

12:00 Ian Dunham*, Temple University, *Sustainable Security Post 9/11: A Critique of Three Federal Acts.*

12:20 Raymond Allen Hamilton, DPA*, Auburn University, *Geographic Dimensions of Hazardous Waste.*

12:40 Christopher Lant, Professor*, Southern Illinois University; John B Ruhl, Professor of Law, Florida State University; Steven E Kraft, Professor of Agricultural Economics, Southern Illinois University, *The Law and Policy of Ecosystem Services.*

1:00 Olen Paul Matthews, PhD*, University of New Mexico, *Manipulation, Suppression, and Misrepresentation The Seven Year Crusade for Environmental Reform and Public Land Development.*

1434. The Intersection of Urban Sustainability and Climate Change: Challenges, and Opportunities (Sponsored by Urban Geography Specialty Group, Energy and Environment Specialty Group)

Room: Maine Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Lee Hachadoorian, CUNY Graduate Center; Lesley N Patrick, City University of New York

CHAIR(S): Lesley N Patrick, City University of New York

12:00 Monalisa Chatterjee*, Rutgers University, *Who's Sustainability? And How? Problems and Opportunities of Global Processes.*

12:20 Pat Hackbarth*, Hunter College CUNY, *The Labor Movement as an Underutilized Ally in Addressing Climate Change and Urban Sustainability.*

12:40 Kristine Kern*, Sodertorn University College (Stockholm); Monstadt Jochen, York University (Toronto), *Rescaling urban climate mitigation and adaptation policies in Europe.*

1:00 Michael Bobker, Ph.D., Baruch College Building Performance Lab; Yehuda L Klein, Ph.D.*, CUNY - Graduate Center Ph.D. Program in Earth and Environmental Sciences; William Solecki, Ph.D., Hunter College Department of Geography, *An Urban-Scale MARKAL Model of Global Climate Change.*

1435. What has happened to the 'big' questions of financial geography? - session 1 (Sponsored by Economic Geography Specialty Group)

Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): James Faulconbridge, Lancaster University; Ewald Engelen

CHAIR(S): James Faulconbridge, Lancaster University

12:00 Martijn Konings*, University of Amsterdam; Rodrigo Fernandez*, University of Amsterdam, *Financialization and institutions. Lessons from the Dutch case..*

12:20 Ewald Engelen, University of Amsterdam; Michael Hermann Grote*, Goethe-University Frankfurt, *Who moves first? - Comparing relations and relocations of clients and financial agents in Germany and the Netherlands.*

12:40 Hans-Martin Zademach*, LMU Munich, *Finance and Cluster Evolution: Some Insights from the Munich Film Cluster and nine German Biotech Regions.*

1:00 Chris Muellerleile*, University of Wisconsin, Madison, *Dislocating Boeing: A story of financialization and embeddedness at the world's iconic manufacturer of "amazing flying machines."*

1:20 Michael Handke*, *The geographical construction of routines and competences to control credit-risks: Financial solutions for SMEs in two territorial production systems in Germany and Spain.*

1437. Climate Effects on Human Health and Mortality I (Sponsored by Medical Geography Specialty Group, Climate Specialty Group)

Room: Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Grady Dixon, Mississippi State University; Adam Justin Kalkstein, Arizona State University

CHAIR(S): Adam Justin Kalkstein, Arizona State University

12:00 Ashleigh Burke, Virginia Tech; Candice Luebbering, Virginia Tech; Korine Kolivras*, Virginia Tech, *Spatial Patterns of West Nile Infection and Mosquito Distributions in Fairfax County, Virginia.*

12:20 Cory Morin*, University of Arizona; Andrew Comrie, University of Arizona, *A West Nile Virus Vector's Response to Climate Variability using the Dynamic Mosquito Simulation Model (DyMSiM).*

12:40 Candace Olszak, M.A. student*, Kent State University, *Impacts of Weather on a Mid American Conference University Football Team and Players' Perceptions Regarding Weather.*

1:00 Lea Berrang Ford, PhD*, McGill University; Nicholas Ogden, DVM, PhD, Public Health Agency of Canada; J Dick MacLean, MD, FRCPC, MRCP, DCMT, McGill Centre for Tropical Diseases, Canada, *Risk or ruse? Climate change and malaria in Canada.*

1:20 Grady Dixon*, Mississippi State University; Adam Kalkstein, Arizona State University, *Can global warming really affect suicide rates?.*

TUESDAY, APRIL 15**12:00 PM - 1:40 PM****1400****1438. Managing Financial Risk: From Global to Local (Session 1) (Sponsored by Economic Geography Specialty Group)***Room: St. George A, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Ashby Monk, Oxford University; Adam D Dixon, Oxford University

CHAIR(S): Gordon L. Clark, University of Oxford

12:00 Adam D Dixon*, University of Oxford; Ashby Monk*, Oxford University, *Money flows like mercury reprised.***12:20** Gary Dymski*, University of California - Riverside, *From Bretton Woods to the Subprime Crisis: Risk, Macrostructural Change, and Uncertainty in the Neoliberal Era.***12:40** Yuval Millo, Dr*, London School of Economics and Political Science, *Mapping Financial Risk Management.***1:00** Ewald Engelen*, University of Amsterdam, *The geographical distribution of financial innovation and its risks.***1:20** Dariusz Wojcik*, Oxford University Centre for the Environment and St.Peter's College, *Risk management and the geographical distribution of financial services.***1439. Urban Youth: cultures, identities and spatialities (Sponsored by Developing Areas Specialty Group, Urban Geography Specialty Group)***Room: St. George B, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Gareth Jones, London School of Economics; Lorraine Van Blerk, University of Reading

CHAIR(S): Gareth Jones, London School of Economics

12:00 Sally Lloyd Evans, The University of Reading; Sophia R Bowlby*, University of Reading, *Spaces and territories in the city: perspectives from Pakistani youth in the UK.***12:20** Catherine Louise Alexander, BA, MA*, Durham University, *Fear and Everyday Urban Lives: Young Offenders Growing up in North East England.***12:40** Carlie Goldsmith*, University of Brighton, *The consequences for kids: crime prevention, space and safety in contemporary Britain..***1:00** Amy Siciliano*, University of Toronto, *The Resurgence of 'Moral Capital' in Response to the Criminalization of Youth.*

Discussant(s): Robert M. Vanderbeck, University of Leeds

1440. 'The Med is the Net': Representing and Remaking Mediterranean Geographies I (Sponsored by European Specialty Group, Urban Geography Specialty Group)*Room: St. George C, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): David L. Prytherch, The Miami University

CHAIR(S): David L. Prytherch, The Miami University

12:00 Brad Epps, PhD*, Harvard University, *"Balancing Acts: Barcelona and the Modern Mediterraneanism of Noucentisme".***12:20** Nuria Valdovinos*, Universitat Autònoma de Barcelona, *The Mediterranean city and new sociopolitical constructions of the urban. A review from Barcelona.***12:40** Xavier Ferrer-Gallardo*, Autonomous University of Barcelona, *(Non)Smuggling Dynamics in a Mediterranean Contested Territory. The Evolution of Cross-Border Commercial Interaction between Ceuta and Morocco.***1:00** Benjamin Fraser*, Christopher Newport University, *Toward a Philosophy of the Urban: From Lefebvre's Uncomfortable Application of Bergsonism to Manuel Delgado's Sociedades movedizas.***1441. Engaging Political Ecology with Network Analyses and Network Ontologies, Part 1 (Sponsored by Cultural and Political Ecology Specialty Group)***Room: St. George D, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Christopher Thoms, Colby College; Andrea Nightingale, University of Edinburgh

CHAIR(S): Dianne E. Rocheleau, Clark University

12:00 Dianne E. Rocheleau, Associate Professor, Ph.D.*, Clark University, *Networks, Patchworks, Roots and Power in Relational Landscapes.***12:20** Susan Aragón*, Clark University, *Changing ecological and social networks converging in new rural landscapes in Chiapas..***12:40** Andrea J. Nightingale, PhD*, University of Edinburgh, *Emergent Forests: networks, subjectivity and the governance of natural resources.***1:00** Christopher A. Thoms, Ph.D.*, Whitman College; Steven R. Brechin, Ph.D., Syracuse University; Charlie Benjamin, Ph.D., International Resources Group, *Organizing Nature: Towards a Framework for Understanding How Organizational Networks Shape and Politicize Landscapes.*

Discussant(s): Kiran Asher

1442. Conducting Creativity: the role of cities as containers of cultural scenes I*Room: Essex North-West, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Brian Hracs, University of Toronto; Atle Hauge, University of Toronto

CHAIR(S): Brian Hracs, University of Toronto

12:00 Atle Hauge, Uppsala University; Anders Malmberg*, Uppsala University; Dominic Power, Uppsala University, *Spaces, arenas and scenes in the Swedish fashion industry.***12:20** Robert Kloosterman*, AMIDSt, University of Amsterdam, *Building a Career in Dutch Architectural Design. Labour Practices in a Cutting-Edge Cultural Industry.***12:40** Brian J. Hracs*, University of Toronto; Atle Hauge, University of Toronto, *See the Sound, Hear the Style: Musicians as Ambassadors of Fashion.***1:00** Karenjit Clare*, University of Cambridge, *Cool, Creative and Complex: Exploring social networks and gender in project-based creative industries (advertising) in London.***1:20** Naomi E. Pope*, UCLA & UVic, *Working with Giants: The Experience of Local Labor working on Foreign Productions in the Motion Picture Industry.***1443. Regional World(s) I***Room: Essex North-East, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Martin R. Jones, University Of Wales, Aberystwyth; Anssi Paasi, University of Oulu

CHAIR(S): Martin R. Jones, University Of Wales, Aberystwyth
Introducer: Anssi Paasi**12:03** John A. Agnew*, University of California - Los Angeles, *Arguing with Regions.***12:23** Mark Goodwin*, University Of Exeter, *Exploring the relational region in a 'one planet' world.***12:43** Maano Ramutsindela*, University of Cape Town, South Africa, *The Intersection of Regions and Boundaries.***1:03** Arnoud Lagendijk*, Radboud University Nijmegen; Krisztina Varró, Radboud University Nijmegen, *Caught within Claims of Relational Networks and Territories - what is there really at stake for 'the region'?*

Discussant(s): Neil Smith, City University Of New York

TUESDAY, APRIL 15

12:00 PM – 1:40 PM

1400

- 1444. Thirty Years of Chinese Economic Reforms and Urban Environmental Changes: Special Sessions in Memory of Dr. Chor-Pang Lo (I: Economic Restructuring and Regional Development) (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group)**

Room: Essex North-Center, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Qihao Weng, Indiana State University; Yehua Dennis Wei, University of Utah

CHAIR(S): Jun Luo, Missouri State University

12:00 Jianfa Shen, Professor*, The Chinese University of Hong Kong, *Hong Kong, Shenzhen and Pearl River Delta: Changing Relations under Globalization.*

12:20 Canfei He*, Peking University; Junsong WANG, Peking University, *Has Economic Transition Made the Chinese Economy Less Energy Intensive?.*

12:40 Yehua Dennis Wei*, University of Utah, *Restructuring Industrial Districts, Scaling Up Regional Development: A Study of the Wenzhou Model, China.*

1:00 Godfrey Yeung*, National University of Singapore, *Geographies of Industrial Convergence: The Case of Banking Industry in China.*

- 1446. Political Ecologies of Bodies I (Sponsored by Medical Geography Specialty Group, Cultural and Political Ecology Specialty Group)**

Room: Parliament Room #1, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Julie Guthman, Univ of California Santa Cruz; Becky Mansfield, Ohio State University

CHAIR(S): Becky Mansfield, Ohio State University

12:00 Brian King*, University of Texas at Austin, *Political Ecologies of Health: Linking Livelihoods and Environmental Change in South Africa.*

12:20 Emily Rupp*, The Ohio State University, *Embodying Malaria: Re-placing the body and environment in the definitions of malaria in Northern Ghana.*

12:40 Kendra McSweeney*, The Ohio State University, *Political ecology of demography: linking fertility, pronatalism, and territory in Latin America's indigenous landscapes.*

1:00 Maria Fannin*, University of Bristol, *"New" Materialities and the Reproductive Body.*

1:20 Susan Craddock, University of Minnesota*, University of Minnesota, *Research Ecologies, HIV, and Invisible Bodies.*

- 1447. Graduate Perspectives in Feminist Geography: I (Sponsored by Geographic Perspectives on Women Specialty Group)**

Room: Empire Room #6, Westin, 7th Floor (Paper Session)

ORGANIZER(S): R. Tina Catania, Dartmouth College; Ingrid Nelson

CHAIR(S): Deborah Thien, California State University, Long Beach

12:00 Serin D Houston*, Syracuse University; D James McLean, York University; Jennifer Hyndman, Syracuse University; Arif Jamal, Simon Fraser University, *Methodologically Becoming Two/Too: Collaborative Knowledge Production and 'Team Ismaili'.*

12:20 Carla Giddings Belanger, BA*, University of Guelph; Alice J. Hovorka, PhD, University of Guelph, *"Living a Double Life": Youth Negotiations of Gender Identities in Urban Botswana.*

12:40 Emily Falconer*, Manchester Metropolitan University, *Female Backpacking: Embodied and Politicised Experiences, Motivations and Constraints.*

1:00 Rebecca A Burnett*, University of Washington, *Relocating the Welfare Mother: Neoliberal Discourses of Women and the Culture of Poverty.*

1:20 Sarah Elizabeth Schwartz*, University of South Carolina, *Othring women/empowering women: conflicting views from The Swazi Observer.*

- 1448. Determining the Environmental Impacts of Sprawl: Patterns and Impacts (Part 1) (Sponsored by Spatial Analysis and Modeling Specialty Group, Biogeography Specialty Group)**

Room: North Star Room #10, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Monika Calef, SUNY Albany; Gary Kleppel, University At Albany, SUNY

CHAIR(S): Gary Kleppel, University At Albany, SUNY

12:00 Joseph O. Sexton*, Duke University; Dean L. Urban, Duke University, *Coupled natural and anthropogenic landcover dynamics on the North Carolina Piedmont..*

12:20 Mary C. Henry*, Miami University; Neil T Winn, Miami University, *Patterns of Land Use - Land Cover (LULC) Change in Butler County, Ohio.*

12:40 Anna Lumsden*, Syracuse University; Jay Puckett, Syracuse University; Jane Read, PhD., Syracuse University; Marla Torrado, M.A., Syracuse University, *Land cover change in the Oneida Lake Watershed, 1987 - 2007.*

1:00 Mary Ann Cunningham*, Vassar College; Kirsten M. Menking, Vassar College; Stuart A. Belli, Vassar College; Foley Catherine, Vassar College, *Patterns of Road Salt Concentration in Developing Suburban Watersheds.*

1:20 John Young*, United States Geological Survey; Craig Snyder, United States Geological Survey, *Assessment of amphibian responses to landscape development: using multiple angle graphs to quantify land use influences on amphibian breeding pond selection.*

- 1449. Sexuality and Migration 1 (Sponsored by Sexuality and Space Specialty Group)**

Room: Defender Room #5, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Róisín Ryan-Flood, University of Essex

CHAIR(S): Róisín Ryan-Flood, University of Essex

12:00 Isabel Crowhurst*, London School of Economics, *The 'foreign prostitute' in contemporary Italy: gender, sexuality, 'race' and migration.*

12:20 Kellie Burns*, The University of Melbourne, *Travel, migration and the political economy of same-sex marriages.*

12:40 Diane Richardson, Professor*, Newcastle University, UK; Nina Laurie, Professor, Newcastle University; Meena Poudel, Newcastle University, *Sexuality, Trafficking and Citizenship: Returning to Livelihoods in Nepal?.*

1:00 Graeme William Mearns*, MMU, *Virtual space and the on-to-offline experiences of queer German-Turkish, Turkish and former Turkish citizens in Germany..*

1:20 Wen-Yu WU*, The University of Sheffield, UK, *Gay migrations in Chinese-speaking community with the internet.*

TUESDAY, APRIL 15**12:00 PM - 1:40 PM****1400****1450. Herbert Marcuse and Geography (Sponsored by Socialist and Critical Geography Specialty Group, Communication Geography Specialty Group)****Room:** Adams Room #2, Westin, 7th Floor (Panel Session)

ORGANIZER(S): Arun Saldanha, University of Minnesota - Minneapolis; Keith Woodward, University of Exeter
 CHAIR(S): Arun Saldanha, University of Minnesota - Minneapolis

Introducer: Arun Saldanha

Panelists: Keith Woodward, University of Exeter; Arun Saldanha, University of Minnesota - Minneapolis; Thomas Ponniah, Harvard University; Ken Hillis, University Of North Carolina - Chapel Hill; Wolfgang Natter, Virginia Tech

1451. Geography in the World of Grades 6-12**Room:** Great Republic #7, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Yarbrough, Georgia Southern University

12:00 Kristina Proszek*, Central Washington University, *Fusing GIS and Authentic Research within an Integrated Ninth Grade Curriculum.*

12:20 Steph Gaspers*, Portland State University, *A Case for Quantitative Thematic Maps in Middle School Curriculum.*

12:40 Carrie Davis Todd*, Worcester State College; Jody Riskowski, Purdue University, *Middle School Students' Perceptions of the Distribution and Availability of Safe Drinking Water in the U.S..*

1:00 Robert Yarbrough*, Georgia Southern University, *Is There Space for Geography? A Critical Analysis of the Current State of Geography in Secondary Social Studies Curricula in Georgia.*

1455. Political Geography: Electoral**Room:** Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Benjamin Forest, McGill University

12:00 Richard Deal*, Edinboro University of Pennsylvania, *Waiting for the "Correct" Answer: Multiple Independence Referendums on Tokelau.*

12:20 Michael Gutowsky*, Western Michigan University, *A Comparative Analysis of the 1876 and 2000 U.S. Presidential Elections.*

12:40 Michael R. Glass, Ph.D.*, Pennsylvania State University, *Changing Spaces - Communities, Governance and the Politics of Growth.*

1:00 Micah L Brachman*, University of California - Santa Barbara, *Remapping the Presidency: The Impact of Redistricting under the California Presidential Election Reform Act.*

1:20 Benjamin Forest*, McGill University, *Geographic Narratives and Principles of Political Representation: Constructing Constituencies in Boundary Commission Hearings.*

1456. Diverse Economies 1: Nontimber forest products as lens for political ecology and diverse economies (Sponsored by Economic Geography Specialty Group, Rural Geography Specialty Group, Indigenous Peoples Specialty Group)**Room:** Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Marla R. Emery, US Forest Service; Elizabeth Barron, Rutgers University

CHAIR(S): Marla R. Emery, US Forest Service

12:00 Elizabeth S. Barron, Ph.D. candidate*, Rutgers University, *Foraging for Identity: Theorizing a new social space for mushroom hunters in the mid-Atlantic.*

12:20 Julia B. Carter*, College of Charleston; Patrick T. Hurley, Ph.D., College of Charleston; Angela C. Halfacre, Ph.D., College of Charleston, *Gathering by grace: A political ecology of African-American community urban non-timber forest practices in greater Mt. Pleasant, SC.*

12:40 Kelly Watson*, Florida State University, *Participatory political ecology and non-timber forest products: Engaging with people, engaging with policy.*

1:00 Laura Zanotti*, University of Washington, *Becoming part of the commodity chain: Wild forest products and the impact of markets on Amazonian indigenous communities.*

1:20 Sarah Gall*, Griffith University, *Walking in the city: Nontimber forest products and hybrid ecological knowledges in Brisbane's inner-urban West End.*

1457. The Politics of the (Neoliberalizing) Rural I (Sponsored by Rural Geography Specialty Group)**Room:** Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Alistair Fraser, National University Ireland, Maynooth; Mark James Scott, University College Dublin

CHAIR(S): Mark James Scott, University College Dublin

12:00 Alistair Fraser*, National University Ireland, Maynooth, *Neoliberalizing the rural.*

12:20 Martin Phillips*, University Of Leicester, *Gentrification, Neo-liberalism and the Countryside.*

12:40 Marie Mahon, Dr. *, National University of Ireland, Galway, *Rural Citizenship in the Urban-Rural Fringe.*

1:00 Matt McCourt*, University of Maine Farmington; Tyler Duran*, University of Maine Farmington; Scott Havu*, University of Maine Farmington, *Mapping Claims on the Maine Woods: Neoliberal Restructuring and Community Responses.*

Discussant(s): Paul Cloke, University of Exeter

1458. Envisioning the 'Visible hand': Conceptualizing a meta narrative of neoliberal extraction in urban and resource geographies (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)**Room:** Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Ipsita Chatterjee, Penn State University; Waquar Ahmed, Pennsylvania State University

CHAIR(S): Ipsita Chatterjee, Penn State University

12:00 Jeff Rose*, University of Utah, *National Parks and Neoliberal Restructuring.*

12:17 Kathleen McAfee*, San Francisco State University, *Resource Extraction and Unequal Exchange in Global Environmental Services Markets.*

12:34 Anne-Marie Debbané*, Department of Geography, York University, *The Hand that Rocks the Cradle: Finance Capital, Debt, and the Neoliberalization of Agrarian Waterscapes in Post-apartheid South Africa.*

12:51 Wolfgang Hoeschele, Ph.D. *, Truman State University, *Cittaslow: globalizing imagination from below or competitive place-marketing in a neoliberal world?.*

1:08 Waquar Ahmed*, Pennsylvania State University, *Governing Foreign Direct Investment - Post-Enron Energy related initiatives in India..*

Discussant(s): Richard Peet, Clark University

TUESDAY, APRIL 15**12:00 PM – 1:40 PM****1400****1459. Urban Geography: Gentrification I***Room: Beacon F, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Andrew Ryder, University of Portsmouth

12:00 Jamie Zech*, Texas State University-San Marcos, *Being outside in a gentrifying neighborhood.***12:20** Justin Steil*, Columbia University; Constantine Kontokosta*, Columbia University, *Moving Out, Moving Up or Not Moving at All? Gentrification, Mobility and Income for Poor New Yorkers.***12:40** Michael Babb*, University of Washington, *Representing Gentrification.***1:00** Charlotte Recoquillon*, Center For Place, Culture and Politics, GC, CUNY, *Gentrification of New York: power rivalries.***1:20** Andrew Ryder, PhD*, University of Portsmouth, *Gentrification or desperation: changes in dwelling costs and household numbers per housing unit in New York, San Francisco and Chicago..***1460. "Geopolitics: Globalization, Sovereignty, and Territoriality in Contemporary and Historical Contexts" (Sponsored by Political Geography Specialty Group)***Room: Beacon G, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Steve Smith, Missouri Southern State University

CHAIR(S): Steve Smith, Missouri Southern State University

12:00 Hartmut Behr*, University of Newcastle Upon Tyne, *Deterritorialisation and the Transformation of Statehood: The Paradox of Globalization.***12:20** Veit Bachmann*, University of Plymouth; James D Sidaway, University of Plymouth, *The Geopolitics of Europe as a 'Civilian Power': Mappings and Meanings.***12:40** Jeppe Strandsbjerg*, Sussex University/Copenhagen Business School, *The Cartographic Production of Territorial Space: Mapping and State.***1:00** Steve Smith*, Missouri Southern; Sean P Edudaily, University of Montana--Western, *Sovereign Geopolitics? - Uncovering the "Sovereignty Paradox".*

Discussant(s): Reuben S. Rose-Redwood, Texas A&M University

1461. Topics in North American Population Geography: Ageing, Migration, and Data (Sponsored by Population Specialty Group)*Room: Beacon H, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Jamie Goodwin-White, University of Sussex

CHAIR(S): Karen M King, McMaster University

12:00 Karen Margaret King, Ph.D.*, McMaster University; K. Bruce Newbold, Ph.D., McMaster University, *Later-Life Migrations in Canada: Neighborhood and Metropolitan Characteristics.***12:20** Devon A. Hansen*, University of North Dakota, *The Impact of the Aging Baby Boomers on North Dakota's Population.***12:40** Paul J. Mackun*, U.S. Bureau Of the Census, *Metro and Micro Area Principal Cities: Development and Standards.***1462. The Geography of the Holocaust: Challenges and Opportunities (Sponsored by Historical Geography Specialty Group, Geographic Information Science and Systems Specialty Group)***Room: Kent, Sheraton, 3rd Floor (Panel Session)*

ORGANIZER(S): Alberto Giordano, Texas State University; Waitman Beorn, University of North Carolina Chapel Hill

CHAIR(S): Kenneth E. Foote, University of Colorado

Panelists: Waitman Beorn, University of North Carolina Chapel Hill; Kenneth E. Foote, University of Colorado; Alberto Giordano, Texas State University; Anne Kelly Knowles, Middlebury College; Marc Masurovsky, US Holocaust Memorial Museum

1463. Research in Geographic Education (Sponsored by Geography Education Specialty Group)*Room: Jefferson, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Gillian Acheson, Southern Illinois University-Edwardsville

CHAIR(S): Gillian Acheson, Southern Illinois University-Edwardsville

12:00 Robert S. Bednarz*, Texas A&M University; Sarah Witham Bednarz, 00004444, Texas A&M University, *The Effect of Explicit Instruction in Spatial Thinking.***12:20** Susan E. Hume*, Southern Illinois University Edwardsville, *Why Do Students Major in Geography - Or Not?.***12:40** Janet Stuhrenberg Smith*, Shippensburg University, *Map Learning: Simultaneous or Sequential?.***1:00** Gillian Acheson*, Southern Illinois University Edwardsville, *An Investigation of Secondary School Students' Map Skills.*

Discussant(s): Susan Hardwick, University of Oregon

1468. Military Geography: Culture, Ecology, and Command*Room: Conference Room 1, Sheraton, 5th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Brian Doyle, US Army

12:00 H. Jason Combs*, University of Nebraska At Kearney, *Do They Miss Me at Home, Do They Miss Me? Letters from William McKnight of the 7th Ohio Volunteer Cavalry.***12:20** Hugh Hamilton*, Nottingham Trent University, *R.C. Victor Laws and Royal Flying Corp (RFC) Photographic Sections on the Western Front.***12:40** Pirjo Jukarainen*, Senior Researcher, *Rebordering the Finnish Space of National Defense.***1:00** Aaron Moody, Ph.D.*, Univ of North Carolina, *Endangered Species and the U.S. Military.***1:20** Brian Doyle*, US Army Command and General Staff College, *US African Command: Building Relevance and Effectiveness through Strategic Communication.*

TUESDAY, APRIL 15**12:00 PM - 1:40 PM****1400****2:10 PM - 3:50 PM****1500****1469. Exploding Homogeneity: Intraracial Conflict and Mixed-Race Persons (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)***Room: Conference Room 6, Sheraton, 5th Floor (Paper Session)*ORGANIZER(S): Priscilla McCutcheon, The University of Georgia; Brittany Davis, The University of Georgia
CHAIR(S): Brittany Davis, The University of Georgia**12:00** Priscilla McCutcheon*, The University of Georgia; Brittany Davis, University of Georgia, Reflecting on Race: Looking Back at Undergraduate Experiences of Colorism.**12:20** Christopher Riley*, Ohio State University - Geography, (De)Constructing Homogeneity in Refugee Resettlement: Somali and African American Blacknesses in Columbus, Ohio.**12:40** Steven R. Holloway, PhD*, University Of Georgia; Richard Wright, PhD, Dartmouth College; Mark Ellis, PhD, University of Washington; Margaret East, PhD, University of Texas - Arlington, Mapping Mixed Cities.**1:00** Karen D. Johnson-Webb, Ph.D.*, Bowling Green State University, Inefficient Use of the Land? Race & Ethnicity at Carthage, OH.**2:10 PM - 3:50 PM****1502. Geospatial Methods***Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Brian Lees, University of New South Wales

2:10 Zhongwu Wang*, Department of Geography, University of South Carolina; John Jensen, Department of Geography, University of South Carolina; Jungho Im, Department of Environmental Resources and Forest Engineering, State University of New York, College of Environmental Science and Forestry, *A New Automatic Region-Based Image Segmentation Algorithm for Remote Sensing Applications*.**2:30** Inge Sandholt*, University of Copenhagen/Boston University; Peter Frykman, GEUS; Anette Nørgaard, University of Copenhagen, *Generating finer resolution NDVI data using Geostatistical Scaling Laws*.**2:50** Jeffrey J Danielson*, SAIC, *A New Global Digital Elevation Update Generalized From High - Resolution Elevation Datasets*.**3:10** Kailen Wright*, ICESS, UCSB, *Comparative analysis of CART classification methods of global urban areas using multidimensional metrics derived from high resolution satellite imagery*.**3:30** Brian Lees*, University of New South Wales; Shawn Laffan, Dr, University of New South Wales; David Jupp, Dr, CSIRO; Qinke Yang, Dr, Chinese Academy of Science, NWSWC, Yangling, *The Effects of Re-scaling Terrain Variables*.**1503. International Education for Geography Departments: Opportunities and Constraints, In Honor of Dr. Timothy Rickard's Retirement***Room: Dartmouth Room, Marriott, 3rd Floor (Panel Session)*

ORGANIZER(S): Xiaoping Shen, Central Connecticut State University

CHAIR(S): Cynthia Pope, Central Connecticut State University

Panelists: Timothy J. Rickard, Central Connecticut State University; Kavita K. Pandit, State University of New York; Peter A. Kyem, Central Connecticut State Univ; Cynthia Pope, Central Connecticut State University; David Truly, Central Connecticut State University; Charles E. Button, Central Connecticut State University; D'Arcy Dornan, Central Connecticut State University; Xiaoping Shen, Central Connecticut State University

1504. Geographies of the Marvellous*Room: Exeter Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Jill Fenton; Guy Girard

CHAIR(S): Jill Fenton

Introducer: Jill Fenton

2:15 John R. Gold, Dr*, Oxford Brookes University, *"The only limits are those of the imagination": megastructures and technological utopianism in 1960s architecture*.**2:35** Maureen Biermann, Masters Candidate*, Pennsylvania State University, *Theatrical Space and Alternative Realities: Performance as a Research Tool for Social Change*.**2:55** Guy Girard, Mr*, Université Paris 1 Panthéon-Sorbonne, *The Surrealist Marvellous and the Eastern World*.**3:15** Hong Lin, Ms*, Université de Pierre et Marie Curie, Paris VI, France, *Marvellous Similarities*.

Discussant(s): John R. Gold, Oxford Brookes University

TUESDAY, APRIL 15

2:10 PM – 3:50 PM

1500

- 1505. Geographies of Collective Action: Theoretical Questions, Empirical Inquiries II (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)**

Room: *Fairfield Room, Marriott, 3rd Floor* (Paper Session)
 ORGANIZER(S): Byron A. Miller, University of Calgary; Justin Beaumont, University of Groningen
 CHAIR(S): Walter J. Nicholls, Sociology, CSU Long Beach
2:10 Mark Purcell*, University of Washington, *Networks of Equivalence, Democracy, and the Right to the City*.
2:30 Vanessa Parlette*, University of Toronto, *Suburbanizing Collective Action: Challenges and Opportunities*.
2:50 Per de Visé Jansen*, University of Cincinnati; Colleen McTague, Ph.D., University of Cincinnati, *Trashing Cincinnati: outsourcing service contracts using day labor in a neoliberalizing city*.
3:10 Nik Heynen*, University of Georgia, *Collective Hunger as a Utopian Political Tactic: From the Feminization of Hunger Striking to the Redefinition of Martyrdom via Fasting..*

- 1506. Water, Science, Humans: Adventures of the Hydrosocial Cycle II**

Room: *Harvard Room, Marriott, 3rd Floor* (Paper Session)
 ORGANIZER(S): Jessica Budds, The Open University; James Linton, Queen's University
 CHAIR(S): Jessica Budds, The Open University
2:10 James Linton, Ph.D.*, Queen's University, *Humans and the Hydrologic Cycle: a story in itself*.
2:30 François Molle*, Institut De Recherche Pour Le Développement, *Interactions between societies and waterscapes: a multi-scale conceptual framework*.
2:50 Andrew P Karvonen*, University of Texas at Austin, *Engagement with Materiality: Interrogating Urban Water Flows with Actor-Network Theory*.
3:10 Sally Eden*, University of Hull, UK, *Ethnoichthyology and other lay knowledges of water environments..*
3:30 Gabrielle Bouleau*, Cemagref, France, *the river we can see is the river we were taught to see*.

- 1507. Exploring "New" Geographies of Mobility and Accessibility: Theory, Modelling, and Policy Implications II (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)**

Room: *Brandeis Room, Marriott, 3rd Floor* (Paper Session)
 ORGANIZER(S): Ron N Buliung, Department of Geography, University of Toronto at Mississauga; Joe Weber, University Of Alabama
 CHAIR(S): Joe Weber, University Of Alabama
2:10 Joe Weber*, University Of Alabama, *Conceptualizing and Measuring Accessibility to the National Park System*.
2:30 Ahmed El-Geneidy*, McGill University; David Levinson, University of Minnesota, *Place rank: A new accessibility measure*.
2:50 Qifeng Lu*, Virginia Polytechnic Institute and State University; Kathleen Hancock, Virginia Polytechnic Institute and State University, *Data Oriented Approximately Trip Planning Query Processing on Consumer Destinations within a Dense Road Network*.
3:10 Yena Song, Boston University; William P. Anderson*, Boston University; T.R. Lakshmanan, Boston University, *Industrial clustering, highways and productivity in U.S. industries*.

- 3:30** Jeremy McAndrew*, Wilfrid Laurier University; Bob Sharpe, Wilfrid Laurier University; Sean Doherty, Wilfrid Laurier University, *Treating People Like Animals: Examining Urban Human Activity Using Home Range Technique*.

- 1508. Justice in Nature: Production & Consumption of Uneven Urban Environments Session II (Sponsored by Ethics, Justice, and Human Rights Specialty Group)**

Room: *Northeastern Room, Marriott, 3rd Floor* (Paper Session)
 ORGANIZER(S): Parama Roy; Geri Weinstein
 CHAIR(S): Geri Weinstein
2:10 Geri Weinstein, Ph.D. Candidate*, University of Wisconsin-Milwaukee, *Nature's Multiple Identities And Social Justice*.
2:30 Brittany Davis*, The University of Georgia, *Removing the 'Public' from a Public Park: The Pitfalls of Partnership*.
2:50 Daniel S Miller*, Georgia State University, *Uncovering spaces of neglect in Atlanta, Georgia*.
3:10 Madhura K. Niphadkar*, San Diego State University; Sarah Boltwala-Mesina, Association for India's Development; Prabhakar Rao, Dr, Kalpavriksh, India; Tasneem Balasinorwala, Kalpavriksh, India; Vikal Samdariya, Kalpavriksh, India, *Socially driven Urban Greening in India : Challenging in its Infancy*.
 Discussant(s): Jeremia Njeru, University of Wisconsin-Milwaukee

- 1509. Remote Sensing of Terrestrial Carbon Fluxes and Vegetation Biophysical Properties II (Sponsored by Remote Sensing Specialty Group)**

Room: *MIT Room, Marriott, 3rd Floor* (Paper Session)
 ORGANIZER(S): Jingfeng Xiao
 CHAIR(S): Jingfeng Xiao
2:10 Wenge Ni-Meister*, Hunter College of The City University of New York; Alan H Strahler, Boston University; Curtis E. Woodcock, Boston University; David L B Jupp, CSIRO Marine and Atmospheric Research, Australia, *A Geometric Optical and Radiative Transfer Model to Link a Hemispherical Scanning, Below-Canopy Lidar with Vegetation Structure*.
2:30 Raghuram Narasimhan*, San Diego State University; Douglas Stow, San Diego State University, *MODIS Fractional Snow trends and NDVI characteristics across the North Slope of Alaska*.
2:50 Nate Currin*, Texas State University - San Marcos; Samuel B St. Clair, Dr, Brigham Young University, *Land-cover change due to a late spring frost: A MODIS analysis of the Wasatch Front*.
3:10 Jennifer D Watts*, Montana State University, Bozeman; Rick L Lawrence, Montana State University, Bozeman, *Estimating Cropland Carbon Sequestration Potential: A Meta-Analytical Approach Aided By Satellite Image Analysis*.

TUESDAY, APRIL 15**2:10 PM - 3:50 PM****1500****1511. Remote Sensing: Methodological Innovations and Current Applications****Room:** Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stephen S. Young, Salem State College

2:10 Stephen S. Young*, Salem State College, *Changes in NDVI between 1982 and 2006 in the Middle East using AVHRR and SPOT VEGETATION data.***2:15** Delisio J Jason*, Western Michigan University, *A Comparative Analysis of Pixel-based and Object-oriented Image Analysis Methods using Landsat Imagery.***2:20** Timothy Warner*, West Virginia University; Françoise Nerry, Laboratoire des Sciences de l'Image, de l'Informatique et de la Télédétection, *Multispectral thermal data in combination with visible, near- and shortwave infrared imagery for classification of urban areas.***2:25** Elena Tarnavsky*, King's College London; Mark Mulligan, PhD, King's College London, *Use of the Gamma Distribution to Represent Rainfall Intensities for Dynamic Modelling of Dryland Degradation Processes.***2:30** Benjamin Tuttle*, University of Colorado, Boulder/University of Denver; Sharolyn Anderson, PhD, University of Denver; Chris Elvidge, PhD, NOAA/National Geophysical Data Center; Paul Sutton, PhD, University of Denver; Kim Baugh, University of Colorado, Boulder : Cooperative Institute for Research in Environmental Sciences, *Validating DMSP-OLS and MODIS Fire Detections with Nighttime Landsat.***2:35** Alina Taus*, Clark University, *A Modified Change Vector Analysis to Detect Land Cover/Land Use Change in Massachusetts.***2:40** Paul A. Levine, M.A.*, University of California Los Angeles; Yongkang Xue, Ph.D., Department of Geography, University of California Los Angeles; Sigrid K. Rian, Ph.D., Department of Geography, University of California Los Angeles; Mahamoudou B. Touré, M.D., Faculty of Medicine, University of Bamako, Mali; Hamadou M Ndjemaï, Ministry of Public Health, Cameroon; Charles E. Taylor, Ph.D., Department of Ecology and Evolutionary Biology, University of California Los Angeles, *Effects of in situ data on construction of a remote-sensing based land cover classification of Cameroon and identification of land degradation.***2:45** Tobias Finke*, University of Arizona; Susan Moran, USDA ARS SWRC; Steve Yool, University of Arizona; Jeffrey Kennedy, USGS Arizona Water Science Center, *Object-Oriented Classification to Map Impervious Surfaces for Hydrologic Models.***1512. Cities and Urban Regions of Latin America I (Sponsored by Latin America Specialty Group)****Room:** Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Betty Elaine Smith, Eastern Illinois University; Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul

CHAIR(S): Betty Elaine Smith, Eastern Illinois University

2:10 Jill Stackhouse, Ph.D.*, Syracuse University, *Pudahuel - A Place Where the Waters Meet: Urban Landscape changes in western Santiago, Chile during the Military Dictatorship (1973-1989).***2:30** Veronica Crossa*, University College Dublin, *Resisting the entrepreneurial city: street vendors' struggle in Mexico City's Historic Center.***2:50** Matthew J. Reilly*, University of North Carolina - Chapel Hill, *Mirrors of Change - Public Space in Contemporary Havana.***3:10** Joshua Kirshner, PhD Candidate, City and Regional Planning*, Cornell University, *Andean migration to Santa Cruz de la Sierra, Bolivia: Integration, exclusion, and conflicts over public space.***3:30** Betty Elaine Smith, Ph.D.*, Eastern Illinois University, *Urban Housing Quality in Ecuador and Bolivia: Classification Using Seriation.***1513. Climate Change and Indigenous Peoples I: Policy and Justice (Sponsored by Indigenous Peoples Specialty Group, Human Dimensions of Global Change Specialty Group)****Room:** Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Joseph J. Hobbs, University of Missouri

2:10 Elizabeth S. Vidon*, Indiana University, *"The Sacred and the Profane: Landscape and Identity Change Among the Inuit".***2:30** Sarah F. Trainor, Ph.D.*, University of Alaska - Fairbanks; F. Stuart Chapin, III., Ph.D., University of Alaska, Fairbanks; Henry Huntington, Ph.D., Huntington Consulting; David C Natcher, Ph.D., University of Saskatchewan, Canada; Gary Kofinas, Ph.D., University of Alaska, Fairbanks, *Arctic Climate Impacts and Response: Environmental Injustice in Canada and the United States.***2:50** Sonia Wesche, PhD Candidate*, Wilfrid Laurier University; Derek Armitage, PhD, Wilfrid Laurier University, *Stories of the Future: Adaptation Planning with Indigenous Communities Using Qualitative Scenarios.***3:10** Siri Veland*, Macquarie University, Sydney, *Promoting social justice in climate change adaptation strategies for Aboriginal Australia.***3:30** Zoltan Grossman, Ph.D.*, The Evergreen State College, *The United League of Indigenous Nations Treaty and Crossborder Cooperation.**(see session description on page 26)***1516. Diaspora and the City II: Memory, Emotion and Belonging****Room:** Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Noah Hysler-Rubin, Queen Mary University of London; Shompa Lahiri, Department of Geography, Queen Mary University of London

CHAIR(S): William Jenkins, York University

2:10 Shompa Lahiri*, Department of Geography, Queen Mary University of London, *At Home in the City, At Home in the World? Kolkatan Brahmo narratives of urban belonging.***2:30** Anastasia Christou, Dr*, University of Sussex; Russell King, Professor, University of Sussex; Ivor Goodson, Professor, University of Brighton, *Cultural Geographies and Urban Space: Counter-Diasporic Encounters of the Greek Diaspora in the City.***2:50** Feargal Cochrane, Dr*, Richardson Institute, Lancaster University, *Living in the Diaspora Space: New York City and the New Irish-America.***3:10** Patricia Burke Wood*, York University, *The Emotional City: Refugee Resettlement in Toronto and Calgary, Canada.*

Discussant(s): Ayona Datta, London School of Economics

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1517. Critical Perspectives on the American South (Sponsored by Study of the American South SG, Cultural Geography Specialty Group, Southeastern Geographer)

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Derek H. Alderman, East Carolina University; Amy R. Sumpter, Louisiana State University
 CHAIR(S): Derek H. Alderman, East Carolina University

2:10 Heather A. Smith, Ph.D.*, University of North Carolina - Charlotte; Owen J. Furuseth, Ph.D., University of North Carolina at Charlotte; Paul N. McDaniel, Mr., University of North Carolina at Charlotte, "Honk if you Hate Spanish": Media Representation and Public Discourse of Latinos in "New South" Charlotte.

2:30 Gerald R. Webster*, University of Wyoming; Jonathan Leib, Florida State University; Thomas Chapman, Georgia Southern University, *The Electoral Geography of Alabama's 2006 Referenda Prohibiting Same-Sex Marriage*.

2:50 Amy R. Sumpter*, Louisiana State University, *Racial Identities, Health, and Environment in St. Tammany Parish, Louisiana, 1878-1956*.

3:10 Margaret M. Gripshover, Ph.D.*, University Of Tennessee, *Walk This Way: How Geographic Rivalries, Economic Competition, Genetic Freaks, and Photo Retouching, Set the Stage for Animal Abuse in the Tennessee Walking Horse Industry..*

3:30 Charles S. Aiken, University of Tennessee*, University of Tennessee, *Where Did DeSoto Discover The Mississippi River?: The Problems With The Walls Meander Site*.

1518. Geographies of Solidarity (Sponsored by Political Geography Specialty Group)

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Stephanie Egan, National University of Ireland; Nadia Abu-Zahra

CHAIR(S): Sara Koopman, University of British Columbia

2:10 Andrew David Burridge*, Department of Geography, University of Southern California, *The No Border Network and Alternative Discourses/Practices Against Global Apartheid at the U.S.-Mexico Border*.

2:26 Cecilia T Castellino, PhD*, alumni CUNY- Graduate Center, *Evicting the Batterer: Neighborly Vigilance Empowers Battered Women*.

2:42 Nadia Abu-Zahra*, University of Oxford, "Giving back" beyond the research itself.

2:58 Stephanie Egan*, National University of Ireland, *Suffering and solidarity: Postcolonial Ireland and the colonial present in Palestine*.

3:14 Jeffrey Bussolini, PhD*, CUNY, *Nuclear State of Exception: Sovereignty, Geopolitics and Solidarity*.
 Discussant(s): Joseph H. Bryan, UNC Chapel Hill

1519. Writing for Success: Getting Geography Op-Eds into the Newspaper

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Deborah Popper, College of Staten Island
 CHAIR(S): Deborah Popper, College of Staten Island
 Panelists: Deborah Popper, College of Staten Island; Alexander B. Murphy, University of Oregon; Mary Lynne Bird, American Geographical Society; William G. Moseley, Macalester College; Jerry Dobson, University of Kansas; Timothy Ryan; David J. Keeling, Western Kentucky University

(see session description on page 20)

1520. Identity and Religion

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Paul C. Adams, University of Texas at Austin

2:10 Emily Powers*, San Diego State University, *The Public Identity of Religion*.

2:30 Timothy Vatovec, MA*, The University at Albany, *Plans for Priest Shortages and the Implications for Popular Practices: A Case Study*.

2:50 James B Stevens*, e.Perspectives, *The Unreached: A Look at Distribution of Christianity and the Great Commission*.

3:10 Paul C. Adams*, University of Texas at Austin, *A Map is not a Map: Neo-Buddhist Currents in Geography*.

1521. When the Sun Comes up on Alpine Glaciers and Snow Pack

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Xingong Li

2:10 Jeff Phillippe*, Oregon St. University, *Glacier Meltwater Contributions to the Upper Hood River Basin, OR and a Model for Future Runoff*.

2:30 Xianwei Wang*, UTSA; Hongjie Xie, UTSA, *Mapping spatiotemporal variation of snow cover from combination of MODIS Terra and Aqua observations in the Central Tianshan Mountains*.

2:50 Stuart T. Geiger, CFM*, University of Wyoming; J. Michael Daniels, Ph.D., University of Denver, *Impact of Rock Glaciers on Stream Hydrology, La Sal Mountains, Utah*.

3:10 Xingong Li*, Department of Geography, University of Kansas, *Modeling Snowmelt Runoff Processes in an Arid Mountain Watershed*.

1522. Spaces of Bureaucracy: Reflections on bureaucracy in an age of neoliberal reform

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Benjamin Peter Clifford, King's College London

CHAIR(S): Benjamin Peter Clifford, King's College London

2:10 Louise Askew*, University of Newcastle Australia, *Enacting interagency human service programmes: the importance of institutional practices and politics in state agencies*.

2:30 Winifred Greenhalgh, PhD Student*, Sheffield University, *Issues of legitimacy and representation in local governance*.

2:50 Ben P Clifford*, King's College London, *The Planner, the Bureaucrat, the Public Servant and the Subject of Neoliberal Reforms*.

3:10 Kerry Holden*, King's College London, *Measuring Up To Efficiency: What Academic Scientists Think About The Neo-Liberalisation Of UK Universities..*

1523. Contesting Urban Growth in Suburban/Exurban Regions II (Sponsored by Urban Geography Specialty Group)

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Gerda R. Wekerle, York University; Anders Sandberg, York University

CHAIR(S): Liette Gilbert, Faculty of Environmental Studies, York University

2:10 David Wilson, Ph.D.*, University Of Illinois, *The New Suburban Poverty in America: Suburbs and Political Governance*.

2:30 Roger Keil*, York University, *The new state spaces and urban nature: the scalar politics of green spaces in the Birmingham and Toronto City Regions*.

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2:50 Peter A. Walker*, University Of Oregon, *The Oregon Tale: The Epic Battle over Rural Landscape Visions and Property Rights, 1973-2007.*

3:10 Stephanie Pincetl, PhD*, Institute of the Environment, University of California and Pacific Southwest Research Station, USFS, *The Politics of Conservation in Southern California: Applying a Political Economy Perspective to Habitat Conservation for Endangered Species Protection.*

1524. Dynamics GIS (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): May Yuan, Univ of Oklahoma

CHAIR(S): Kathleen Stewart, University of Iowa

2:10 David A. Bennett*, University of Iowa; Wenwu Tang, The University of Iowa, *The Provenance of Complexity.*

2:30 Nina Lam*, Louisiana State University, *Relating Visual Changes in Images with Spatial Metrics.*

2:50 Daniel W. Goldberg, Ph.D. Student*, University of Southern California; John P. Wilson, Ph.D., University of Southern California; Craig A. Knoblock, Ph.D., University of Southern California, *Enabling Dynamic Tools for Modeling, Analyzing, and Integrating Data in a Dynamically Changing World and Data Environment.*

3:10 Paul M Torrens*, Arizona State University, *Using geospatial agents and space-time GIS to model dynamic human geographies at very small scales.*

Discussant(s): Sean Ahearn, Hunter College

1525. Migration and Geography

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wolfgang Kern, University of Salzburg

2:10 Weiqiang Lin*, National University of Singapore, *'Coming home to Singapore': rethinking return migration as a governmental discourse.*

2:30 Allan Joseph Medwick*, University of Pennsylvania, *The Influence of Institutional and Geographic Factors on the Enrollment of Out-of-State Freshmen at Four-Year Colleges and Universities.*

2:50 Tatenda Mambo*, Miami University, *The Migration Experience of Nurses: From Zimbabwe to the UK.*

3:10 Rob Kitchin*, National University Of Ireland; Mark Boyle, National University of Ireland Maynooth; Krzysztof Nawratek, National University of Ireland Maynooth, *Performing for Ireland: Irish diaspora networks and 'new Irish' networks.*

3:30 Wolfgang Kern*, University of Salzburg; Al Rydant, Keene State College, *Remigration to the Countryside in New England and Austria.*

1526. Urban Built Environment, Environmental Justice, and Health (Session II: Physical activity and recreational spaces)

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Chona E. Sister, Global Institute of Sustainability, ASU; Jennifer R. Wolch, University of Southern California

CHAIR(S): Susan Hanson, Clark University

2:10 Nicholas M. Dahmann*, University of Southern California; Jennifer Wolch, PhD, University of Southern California; Pascale Joassart-Marcelli, PhD, San Diego State University; Kim Reynolds, PhD, University of Southern California; Michael Jerrett, PhD, University of California Berkeley, *The Active City: Recreation Programs, Public Health and Environmental Justice.*

2:30 Kim D Reynolds, PhD*, University of Southern California; Donna Spruijt-Metz, PhD, University of Southern California; Jennifer Wolch, PhD, University of Southern California; Chih-Ping Chou, PhD, University of Southern California; Michael Jerrett, PhD, University of California Berkeley; Jason Byrne, PhD, Griffith University; Susan Weaver, MA, MPI, Solimar Research Group; William Fulton, MA, Solimar Research Group; Lili Wang, PhD, Brown University, *Urban trail use and the built environment as determinants of physical activity.*

2:50 Danielle Fontaine*, Clark University, *Parents' perceptions of risk, the built environment, and children's outdoor physical activity: Understanding parents' decisions about their children's mode of transportation to school.*

3:10 Jennifer R. Wolch, Ph.D.*, University of Southern California; Zaria Tatalovich, Ph.D., University of Southern California; Donna Spruijt-Metz, Ph.D., University of Southern California; Jason Byrne, Ph.D., Griffith University; Michael Jerrett, Ph.D., University of California, Berkeley; Chih-Ping Chou, Ph.D., University of Southern California; Susan Weaver, MA, Solimar Research Group; Lili Wang, Ph.D., Brown University; William Fulton, AICP, Solimar Research Group; Kim Reynolds, Ph.D., University of Southern California, *Proximity and Perceived Safety as Determinants of Urban Trail Use: Findings from a Three-City Study.*

Discussant(s): Christopher Boone, Arizona State University

1528. Memories, Memorials and Identities II (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Ezra Zeitler, University Of Nebraska-Lincoln

CHAIR(S): Soren Larsen, University of Missouri

2:10 Glenn W Gentry*, Syracuse University, *Laying down memory: unbounded memorials within uncertain landscapes.*

2:30 Mary Swalligan*, Kent State, *Visiting the Flight 93 Memorial, Interpreting a Tragic landscape.*

2:50 Seth Dixon*, Pennsylvania State University, *Monumental Landscapes, Fluid Spatiotemporal Dynamics: Shifting Cultural Identities in Mexico City's "El Caballito".*

3:10 Ezra Zeitler*, University Of Nebraska-Lincoln, *Memory and Meaning in Contested Secondary School Mascot Imagery.*

Discussant(s): Soren Larsen, University of Missouri

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- 1529. Alternative Fuels 1: Biofuels (Sponsored by Energy and Environment Specialty Group, Transportation Geography Specialty Group)**
Room: Hyannis Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Michael Kuby, Arizona State University; Julia Andrea Gamas, US EPA
 CHAIR(S): Michael Kuby, Arizona State University
2:10 Jeffrey Osleeb*, University of Connecticut; Samuel J. Ratick, Clark University, *An Interperiod Network Storage Location Allocation (INSLA) model for the Distribution Ethanol Biofuels*.
2:30 Takatsugu Kobayashi*, Indiana University, *An ecological footprint analysis of on-road fuel use in the U.S.: A biofuel scenario*.
2:50 Jennifer Baka, PhD student*, Yale, *Maximizing Jatropa Biodiesel's Production Potential Under a Multi-criteria Decision Making Framework*.
3:10 Nathan Parker*, PhD Student, Institute for Transportation Studies, University of California, Davis; Peter Tittmann, PhD Candidate*, Geography Graduate Group, University of California, Davis; Quinn Hart, Researcher, Center for Spatial Technologies and Remote Sensing, University of California, Davis; Bryan Jenkins, Professor, Department of Biological and Agricultural Engineering, University of California, Davis; Mui Lay, Researcher, Center for Spatial Technologies and Remote Sensing, University of California, Davis, *Spatially explicit optimization of biofuels production in the Western United States: a hybrid mixed integer linear programming and Geographic Information Systems (GIS) approach..*
3:30 Julia Andrea Gamas, Ph.D.*, US EPA, *Energy and The Spatial Distribution of Corn Ethanol Supply*.

- 1530. Case Studies of Environmental Contamination, Food Insecurity and Public Health in Sub-Saharan Africa (Sponsored by Africa Specialty Group)**
Room: Orleans Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Isaac N. Luginaah, University of Western Ontario; Florence Margai, Binghamton University-SUNY
 CHAIR(S): Florence Margai, Binghamton University-SUNY
2:10 Liam Riley*, University of Western Ontario, *Poverty and Health from the Perspectives of Orphans in Malawi*.
2:30 Rachel Bezner Kerr*, University of Western Ontario; Lizzie Shumba, Ekwendeni Hospital, SFHC Project; Patience Phiri, Ekwendeni Hospital, SFHC Project; Penjani Kanyimbo, Ekwendeni Hospital, SFHC Project, *Resilience and Struggle: Agricultural Options for AIDS-affected Farmers in Malawi*.
2:50 Whaling Anne Melissa*, University of Western Ontario, *Assessing the Determinants of Project Implementation Using the Community Readiness Theoretical Model in the Nyakato (Mahina) District, Mwanza Tanzania*.
3:10 Raymond Asare Tutu, PhD Student*, The Pennsylvania State University; Petra Tschakert, Prof, The Pennsylvania State University; Jones Adjei, PhD Student, Queens University; Doris Ottie-Boakye, MPhil, University of Ghana, *Livelihood Risks and Opportunities: The Case of Artisanal Gold Miners in Ghana*.
3:30 Florence M Margai, PhD*, Binghamton University-SUNY, *Emerging Risks and Health Consequences of Global Environmental Inequities: The Case of Illegal Hazardous Waste Dumping in Ivory Coast*.

- 1531. Author Meets Critics Tania Murray Li. The Will to Improve: Governmentality, Development, and the Practice of Politics (Sponsored by Developing Areas Specialty Group, Political Geography Specialty Group, Social and Cultural Geography)**
Room: Yarmouth Room, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Rachel Silvey, U. of Toronto; Gillian Hart, University of California, Berkeley
 CHAIR(S): Gillian Hart, University of California, Berkeley
 Introducer: Gillian Hart
 Panelists: Anthony J Bebbington, University of Manchester; Lucy Jarosz, University of Washington; Katharine N. Rankin, University of Toronto; Victoria A. Lawson, University of Washington; Tania Li, University of Toronto

- 1533. Environmental Politics**
Room: Vineyard Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Shannon O'Lear, University Of Kansas Geography Department
2:10 Karen O'Neill, Rutgers University; Thomas Rudel, Rutgers University; Melanie Hughes McDermott*, Rutgers University, *Why the Growth Machine Goes Green In Environmentally Constrained Communities*.
2:30 Jason Davis*, Ohio State University, *What the relative silence regarding bioprospecting in Antarctica means*.
2:50 George F. Botjer*, University of Tampa, *Political Geography of Iraq's Oil Resources*.
3:10 Barbara Van Dyck*, University of Antwerp; Ann Verhetsel, University of Antwerp, *Changing brownfield approaches: from black holes to optimism and back*.
3:30 Shannon O'Lear, Ph.D.*, University Of Kansas Geography Department, *A View of the "Resource Curse" From the Ground Up: The Case of Azerbaijan*.

- 1534. Middle East: Political Geography of Conflict**
Room: Maine Room, Marriott, 5th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Mohameden Ould-Mey, Indiana State University
2:10 Ghazi Falah*, University of Akron, *Geography in ominous intersection with interrogation and torture: Reflection on detention in Israel*.
2:30 Mark de Socio*, The University of Akron, *Geographers mobilize: A network-diffusion analysis of the campaign to free Professor Ghazi-Walid Falah*.
2:50 Unna I. Lassiter, PhD*, California State University Long Beach, *From martyrs to hopefulness: the changing popular relevance of Iran's revolutionary murals*.
3:10 Sara Fregonese*, Newcastle University, *War, City, And Geopolitical Imaginations In The Early Phases Of The Lebanese Civil War (1975-1976)*.
3:30 Mohameden Ould-Mey*, Indiana State University, *The Iraq war and 9/11 as footnotes to the Palestine-Israel Conflict*.

- 1535. What has happened to the 'big' questions of financial geography? - session 2 (Sponsored by Economic Geography Specialty Group)**
Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)
 ORGANIZER(S): James Faulconbridge, Lancaster University; Ewald Engelen
 CHAIR(S): Ewald Engelen
2:10 Sarah Hall*, University of Nottingham, *City of London, City of Learning? Placing business education within the geographies of finance*.
2:30 Sjoerd Beugelsdijk*, Nijmegen School of Management, Netherlands; Bart Frijns, Nijmegen School of

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Management, Netherlands, *A cultural explanation of the foreign bias in financial economics.*

2:50 Elaine Silveira Leite, Elaine Leite*, Universidade Federal de São Carlos, *Corporate Governance: the moral construction of Brazilian's financial market.*

3:10 Aline Muller*, University of Liège; Robert Joliet, University of Liège, *Are Foreign Profitability Disclosures Value-Relevant? Disaggregation resolves the puzzle.*

3:30 Karen P.Y. Lai*, University of Nottingham, *Competing Geographies of Financial Centres? The Case of Shanghai in Relation to Beijing and Hong Kong.*

1537. Climate Effects on Human Health and Mortality II (Sponsored by Medical Geography Specialty Group, Climate Specialty Group)

Room: Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Grady Dixon, Mississippi State University; Adam Justin Kalkstein, Arizona State University

CHAIR(S): Grady Dixon, Mississippi State University

2:10 Sabina Thaler*, Institute of Meteorology, University of Natural Resources and Applied Life Sciences, Vienna, Austria; Franz Holawe, Department of Geography and Regional Research, University of Vienna, Austria; Erich Mursch-Radlgruber, Institute of Meteorology, University of Natural Resources and Applied Life Sciences, Vienna, Austria, *Synoptic weather patterns and human health in Vienna, Austria.*

2:30 Daniel P Johnson, Ph.D.*, Wright State University; George Lubert, Ph.D., Mississippi State, *The Philadelphia 1993 Extreme Urban Heat Event: Putative Health Hazards in the Urban Environment.*

2:50 Donna A. Hartz, MA*, Arizona State University; Jay S Golden, PhD, Arizona State University; Anthony J. Brazel, PhD, Arizona State University; George Lubert, PhD, United States Centers for Disease Control; Patrick Phelan, PhD, Arizona State University, *The Role of Climate In Heat-Related Morbidity In Phoenix, Arizona From 2001 To 2006.*

3:10 Adam Justin Kalkstein*, Arizona State University, *The regionality of seasonal mortality across the United States: Evidence of a climatological link.*

1538. Managing Financial Risk: From Global to Local (Session 2) (Sponsored by Economic Geography Specialty Group)

Room: St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Ashby Monk, Oxford University; Adam D Dixon, Oxford University

CHAIR(S): Gordon L. Clark, University of Oxford

2:10 Samuel Randalls*, University College London, *Managing financial risks in urban environments.*

2:30 Phillip O'Neill*, University of Western Sydney, *Infrastructure Investment and the Management of Risk.*

2:50 Lisa A. Hagerman*, Oxford University; Dr. Tessa Hebb, Oxford University, *Balancing Risk and Return in Urban Investing.*

3:10 Shaun French, University of Nottingham; Andrew Leyshon*, University of Nottingham; Tom Wainwright, University of Nottingham, *Financializing Space.*

3:30 Susan Smith*, Durham University, *Managing Financial Risk: The Strange Case of Housing.*

1539. Urban Youth: cultures, identities and spatialities (Sponsored by Developing Areas Specialty Group, Urban Geography Specialty Group)

Room: St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Gareth Jones, London School of Economics; Lorraine Van Blerk, University of Reading

CHAIR(S): Lorraine Van Blerk, University of Reading

2:10 Lorraine van Blerk, Dr*, University of Reading, *Between the street and the prison cell: youth negotiating identities within street/gang culture in Cape Town, South Africa..*

2:30 Ida K Lonnqvist*, London School of Economics and Political Science, *Street Scraps: Battles for Space in Nairobi.*

2:50 Gareth A Jones, Dr*, London School of Economics, *Tales of Two or Many Worlds? When 'Street' Kids go Global.*

3:10 Gina Porter*, University Of Durham, *Mobility and immobility among urban youth in sub-Saharan Africa: case studies from Ghana, Malawi and South Africa.*

Discussant(s): Craig Jeffrey, University of Washington

1540. 'The Med is the Net': Representing and Remaking Mediterranean Geographies II (Sponsored by European Specialty Group, Urban Geography Specialty Group)

Room: St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): David L. Prytherch, The Miami University

CHAIR(S): Malcolm Alan Compitello, University Of Arizona

2:10 Alun Jones*, University College Dublin, *Conceptualizing the Mediterranean in European Political Discourse.*

2:30 Antoni Dura-Guimera*, Universitat Autònoma de Barcelona; Josep-Vicent Boira-Maiques, Universitat de Valencia, *Rebuilding historical links between Western Mediterranean cities: challenges and opportunities in the changing Euro-Mediterranean context.*

2:50 Josep-Vicent Boira-Maiques*, Universitat de Valencia (Spain); Antoni Dura-Guimera, Universitat Autònoma de Barcelona (Spain), *Mediterranean memories: cities and territories in the global context. Valencia and Barcelona strategies in the early XXth century.*

3:10 David L. Prytherch*, The Miami University, *Territorializing the Mediterranean as networked space of flows, or why Catalan Euro-regionalists care about intermodal shipping containers.*

3:30 Malcolm Alan Compitello*, University Of Arizona, *Sketching the Future Furiously: Graphic Design and Urban Imaginaries in the 1980s in Spain.*

1541. Engaging Political Ecology with Network Analyses and Network Ontologies, Part 2 (Sponsored by Cultural and Political Ecology Specialty Group)

Room: St. George D, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Christopher Thoms, Colby College; Andrea Nightingale, University of Edinburgh

CHAIR(S): Dianne E. Rocheleau, Clark University

2:10 Antje Schlottmann*, University of Frankfurt; Olivier Graefe, University of Fribourg; Benedikt Korf, University of Zurich, *Struggles over political ecologies: Post-constructivism, post-materialism and "not-so-natural" disasters.*

2:30 Shrinidhi S. Ambinakudige*, Mississippi State University, *An Extended Environmental Entitlement Framework to Study Political Ecology.*

2:50 Shaunna Barnhart*, The Pennsylvania State University, *Promoting Sustainable Communities: Community Forestry as a Conduit of Change.*

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- 3:10** Noella Gray*, Duke University, *Producing Success: Conservation Networks and Marine Protected Areas in Belize*.
Discussant(s): Andrew Sluyter, Louisiana State University
- 1542. Conducting Creativity: the role of cities as containers of cultural scenes II**
Room: Essex North-West, Westin, 3rd Floor (Paper Session)
ORGANIZER(S): Brian Hracs, University of Toronto; Atle Hauge, University of Toronto
CHAIR(S): Atle Hauge, University of Toronto
2:10 Bjorn T. Asheim*, Univeristy Of Lund, Sweden, *Creativity, variety and cities: Some theoretical reflexions*.
2:30 Markus M. Bugge*, Uppsala University, *A knowledge base approach to cultural industries dynamics*.
2:50 Marco Bontje*, AMIDSt, University of Amsterdam; Heike Pethe*, University of Amsterdam, *What creatives want: Residential and job satisfaction of creative knowledge workers in the Amsterdam city-region*.
3:10 Evangelia Daughtrey*, Missouri State University, *Creative Cities, artistic kalpeis*.
3:30 Amy Cervenak, MScPI*, University of Toronto, *Creatively cultural: the fusion of scenes, spaces and symbols in Toronto*.
- 1543. Regional World(s) II**
Room: Essex North-East, Westin, 3rd Floor (Paper Session)
ORGANIZER(S): Martin R. Jones, University Of Wales, Aberystwyth; Anssi Paasi, University of Oulu
CHAIR(S): Anssi Paasi, University of Oulu
2:10 Jacobo García-Alvarez, University Carlos III of Madrid; Juan-Manuel Trillo-Santamaría*, University Carlos III of Madrid, *Europeanism and Substate Nationalism in Spanish Cross-border Regions: The Galicia-North of Portugal Case*.
2:30 Brendan Sweeney*, Queen's University, *Labour Market Convergence in a Cross-Border Region: the Case of Cascadia's Forest Products Industry*.
2:50 Tod D. Rutherford*, Syracuse University; John Holmes*, Queen's University, *Cross Border Regions and Work Place Governance: Towards an Analytical Framework*.
3:10 Harriet Hawkins, Dr*, Exeter University; David Harvey, Dr, Exeter University; Nicola Thomas, Dr, Exeter University, *Creating the region: Investigating the poetics and politics of the creative industries of South West Britain*.
Discussant(s): Susan M. Christopherson, Cornell University
- 1544. Thirty Years of Chinese Economic Reforms and Urban Environmental Changes: Special Sessions in Memory of Dr. Chor-Pang Lo (II: Migration and Urbanization) (Sponsored by Urban Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)**
Room: Essex North-Center, Westin, 3rd Floor (Paper Session)
ORGANIZER(S): Qihao Weng, Indiana State University; George Lin, University of Hong Kong
CHAIR(S): Yichun Xie, Eastern Michigan University
2:10 Cindy Fan*, UCLA; Wenfei Winnie Wang, South Alabama University, *Straddling City and Countryside: Security and Strategies of Rural-Urban Migrants in China*.
2:30 Kam Wing Chan, Dr*, University of Washington; Richard L Forstall, Independent scholar, *How large is a Chinese city?*.
2:50 George C.S. Lin*, University of Hong Kong, *Reproducing Urban Spaces in Post-reform China: Toward City-based and Land-centered Urban Transformation*.
3:10 Michael John Patrick, B.A.*, University of Washington, *A Wider Eye on China*.
- 1546. Political Ecologies of Bodies II (Sponsored by Medical Geography Specialty Group, Cultural and Political Ecology Specialty Group)**
Room: Parliament Room #1, Westin, 7th Floor (Paper Session)
ORGANIZER(S): Julie Guthman, Univ of California Santa Cruz; Becky Mansfield, Ohio State University
CHAIR(S): Julie Guthman, Univ of California Santa Cruz
2:10 Michael Rios*, University of California, Davis, *(Pro)active Bodies and Landscapes: The Discourse of Healthy Lifestyles in the United States*.
2:30 Clare Herrick*, King's College London, *Practising the natural: the urban political ecology of travelling "actively" in London..*
2:50 Rachel Slocum*, St Cloud State University, *Embodied political ecologies*.
3:10 Jessica Hayes-Conroy*, Pennsylvania State University; Allison Hayes-Conroy*, Clark University, *Political Food, Ecological Bodies: Why the Visceral Matters for Food-Based Social Change*.
3:30 Julie Guthman*, University of California Santa Cruz; Becky Mansfield*, Ohio State University, *Toward a Political Ecology of the Body?*.
- 1547. Graduate Perspectives in Feminist Geography: II (Sponsored by Geographic Perspectives on Women Specialty Group)**
Room: Empire Room #6, Westin, 7th Floor (Paper Session)
ORGANIZER(S): R. Tina Catania, Dartmouth College; Ingrid Nelson
CHAIR(S): Deborah Thien, California State University, Long Beach
2:10 Begum Basdas*, Open University, UK, *Doing / Writing activist work*.
2:30 Chris McMorran*, University of Colorado, *We can work it out: alternative research methodologies for understanding labor-management relations in Japan*.
2:50 Laura S. E. Cahill*, The University of Montana, *Social Networks of Migrant Women in the Republic of Georgia*.
3:10 Roberta Hawkins*, Clark University, *Gender And Water Resources Management In Mongolia*.
3:30 Jennifer Casolo*, University of California at Berkeley, *Voz Y Voto In Deed? Reworkings Of Gender, Land Rights And Power In Northwestern Honduras*.

TUESDAY, APRIL 15**2:10 PM – 3:50 PM****1500****1548. Determining the Impacts of Sprawl: Scenarios and Policies (Part 2) (Sponsored by Spatial Analysis and Modeling Specialty Group, Biogeography Specialty Group)***Room:* North Star Room #10, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Monika Calef, SUNY Albany; Gary Kleppel, University At Albany, SUNY

CHAIR(S): Monika Calef, SUNY Albany

2:10 Monika Puscher Calef, Ph.D.*, SUNY Albany, *Population redistribution and disappearing farmland in the Capital District, NY.***2:30** Myrna H Hall, Research Associate*, SUNY College of Environmental Science and Forestry; Prajwal Panday, SUNY College of Environmental Science and Forestry; Mehmet Yavuz, PhD, SUNY College of Environmental Science and Forestry; Charles A Hall, SUNY College of Environmental Science and Forestry; Eddie Bevilacqua, SUNY College of Environmental Science and Forestry, *Quantifying future water quality as a function of projected land use change in the New York City drinking water catchments.***2:50** Mary L Tyrrell, MBA, MFS*, Yale University; Myrna H Hall, SUNY College of Environmental Science and Forestry; Neil Sampson, Yale School of Forestry & Environmental Studies; Rene Germain, SUNY College of Environmental Science and Forestry; Seth Myers, SUNY College of Environmental Science and Forestry; Charles Hall, SUNY College of Environmental Science and Forestry; Nate Anderson, SUNY College of Environmental Science & Forestry; Jen Caron, SUNY College of Environmental Science & Forestry; Ellen Hawes, Yale School of Forestry & Environmental Studies; Samuel Price, Yale School of Forestry & Environmental Studies; Rebecca Sanborn, Yale School of Forestry & Environmental Studies; Joel Stocker, University of Connecticut; Thomas Worthley, University of Connecticut; Larissa Yocom, Yale School of Forestry & Environmental Studies, *Land Use Change Impacts on Forests and Farmland of the Northeastern United States: Lessons from Spatial Analyses in New York, Pennsylvania, Connecticut and Massachusetts.***3:10** Michael J Hill*, University of North Dakota; John FitzSimons, University of Guelph, Canada; Craig J Pearson, University of Guelph, Canada; Kelley A Crews, University of Texas at Austin, *Creating Land Use Scenarios for City Greenbelts using a Spatial Multi-Criteria Analysis Shell.***3:30** G. S. Kleppel*, University at Albany, SUNY; A. J. Smith, NY State Department of Environmental Conservation; C. Tran, University at Albany, SUNY, *The Hamlet Approach: Mitigating sprawl by focusing on landscapes.***1549. Sexuality and Migration 2 (Sponsored by Sexuality and Space Specialty Group)***Room:* Defender Room #5, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Róisín Ryan-Flood, University of Essex

CHAIR(S): Róisín Ryan-Flood, University of Essex

2:10 Joanne Kalogeras*, PhD Student, LSE, *Sexuality, Migration and Cosmopolitan Citizenship.***2:30** Paul Boyce, MA, PhD*, Thomas Coram Research Unit, Institute of Education, University of London, *Gendered Space and Sexual Intent: Difference, conformity and resistance in the public practices of men who have sex with men in Calcutta.***2:50** Marianne Blidon*, Paris 7 University; France Guérin-Pace, INED, *Queer people don't have predetermined migratory path !.***3:10** Róisín Ryan-Flood, Dr.*, University of Essex; Róisín C Ryan-Flood, Dr., Department of Sociology, University of Essex, *Sexuality, Migration and Citizenship: The Irish Queer Diaspora in London.***1550. Situating Sat Nav 1 (Sponsored by Communication Geography Specialty Group)***Room:* Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Chris Perkins

CHAIR(S): Chris Perkins

2:10 Amy Proppen*, University of Minnesota Department of Rhetoric, *The Use of Sat Nav Systems: An Empowering Cultural Practice or Portentous of a Lost Geographical Imagination?.***2:30** Donald Cooke*, Tele Atlas North America, *The TomTom Effect: Industry Point of View.***2:50** A J. Brimicombe, BA(Hons) MPhil PhD CGeog*, University of East London; Chao Li, BSc(Hons) MEng MSc PhD, University College London, *Sat Nav: Rising theft of a geo-engineered must-have.***3:10** Tristan Thielmann*, University of Siegen, FK615, Project "Media Geography", *Navigation becomes travel scouting: The augmented space of car navigation systems.***3:30** Caren Kaplan*, University of California, Davis, *Precision Targets: Consumer Subjects, Militarization, and the Politics of Location.***1551. Carbon and Water Cycles in the Changing Arctic: Past, Present, and Future I (Sponsored by Cryosphere Specialty Group)***Room:* Great Republic #7, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Tamlin Pavelsky, University of California - Los Angeles; Dave Beilman, 14CHRONO Centre for Climate Environment & Chronology, Queen's University Belfast

CHAIR(S): Dave Beilman, 14CHRONO Centre for Climate Environment & Chronology, Queen's University Belfast

2:10 Karen E Frey*, Clark University; Lee W Cooper, University of Tennessee, Knoxville; Jacqueline M Grebmeier, University of Tennessee, Knoxville, *A shift in the northern Bering Sea carbon sink: Linkages between spring phytoplankton blooms and seasonal sea ice retreat.***2:30** Maya P Bhatia*, Department of Marine Geology and Geophysics, Woods Hole Oceanographic Institution; Sarah B Das, Department of Marine Geology and Geophysics, Woods Hole Oceanographic Institution; Elizabeth B Kujawinski, Department of Marine Chemistry and Geochemistry, Woods Hole

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Oceanographic Institution, *Molecular-Level Studies of Microbiological Communities and Organic Carbon Composition on the Surface of the Greenland Ice Sheet*.

2:50 Tamlin M Pavelsky*, University of California - Los Angeles, *Potential impact of increased development in the Alberta Oil Sands on hydrology of the Peace-Athabasca Delta*.

3:10 Steve Frolking*, University of New Hampshire; Nigel Roulet, McGill University; Mike Balshi, University of New Hampshire; Zicheng Yu, Lehigh University; Glen MacDonald, UCLA, *Simulating Long-Term Carbon and Water Dynamics in Northern Peatlands*.

1555. Restoration Geographies I (Sponsored by Cultural and Political Ecology Specialty Group, Geomorphology Specialty Group)

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): David Havlick, University of Colorado-Colorado Springs; Martin W. Doyle, University of North Carolina

CHAIR(S): David Havlick, University of Colorado-Colorado Springs

Introducer: David Havlick

2:30 Martin W. Doyle*, University of North Carolina, *Aging Infrastructure, Ecosystem Restoration, and Recent Federal Policy Developments*.

2:50 Sharon Moran*, State University of New York - Env. Science and Forestry, Syracuse, NY, *Stream restoration projects and environmental equity*.

3:10 Laura Smith*, Cardiff University, *The Geography of Environmental Restoration: Creating a Local Dialect of Nature?*.

3:30 Nathan F. Sayre*, University of California, Berkeley; Mary Whelan, University of California-Berkeley; Ed Fredrickson, USDA-ARS-Jornada Experimental Range; Brandon Bestelmeyer, USDA-ARS-Jornada Experimental Range, *Bulldozers, Mental Models, and Aerial Photography: Geographies of Long-term Private Restoration on Semiarid Rangelands*.

1556. Diverse Economies 2: Constituting the Potential of the Commons (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Kevin St. Martin, Rutgers University; Bradley Wilson, Rutgers University

CHAIR(S): Bradley Wilson, Rutgers University

2:10 Kevin St. Martin*, Rutgers University, *Toward a Cartography of the Commons: Constituting the Political and Economic Possibilities of Place*.

2:30 Robert Snyder*, York University and Island Institute, *Fishing for the Future: Placing the New England fisheries economy in the flow of becoming*.

2:50 Marguerite Andrews*, Rutgers University, *The Machine in the Forest: A Political Ecology of Snowmobiling in Maine's North Woods*.

3:10 Nathaniel Gabriel*, Rutgers University, *Constructing the Urban Forest: environmental imaginaries, alternative economies, and forest management in Philadelphia*.

1557. The politics of the (Neoliberalizing) rural II (Sponsored by Rural Geography Specialty Group)

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Alistair Fraser, National University Ireland, Maynooth; Mark James Scott, University College Dublin

CHAIR(S): Mark James Scott, University College Dublin

Introducer: Darren Paul Smith

2:30 Loka Ashwood*, National University of Ireland, Galway; Dr. John McDonagh, National University of Ireland, Galway, *Applying a neoliberal perspective to interpreting and understanding the decline of agricultural place-based groups in Irish rural communities*.

2:50 April Luginbuhl*, The Ohio State University, *Multifunctional Carbon Markets: expanding commodification in the US Midwest*.

3:10 Bruce Scholten*, Durham University Geography Dept. (UK), *'USDA organic pasture grazing war: limiting neoliberalization?'*.

Discussant(s): Michael Woods, University of Wales Aberystwyth

1558. The urban political ecologies of documents I: critically extending historical city-natures (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group)

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Ann Marie Murnaghan, York University; Paul SB Jackson, University of Toronto

CHAIR(S): Ann Marie Murnaghan, York University

2:10 Paul Jackson*, University of Toronto, *"Nature Has Had Her Day": Urban Fears and the Promise of Artifice in the 19th Century City*.

2:30 Ann Marie F. Murnaghan*, York University, *Spaces of Nature, Places for Children? Archival Traces of the Parks and Playgrounds Movement in Canada, 1890-1920*.

2:50 Sya Burynd Kedzior*, University of Kentucky, *Rereading Pollution: Reproductions of "nature" and "waste" in urban water quality policy documents*.

3:10 Garry Prendiville*, National University of Ireland, Maynooth, *Blood, death and the city: the political ecology of dairy yards and slaughterhouses in late 19th century Dublin*.

Discussant(s): Andrew Baldwin, Queen's University

1559. Urban Geography: Gentrification II

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Justyna Goworowska, University of Oregon

2:10 Henrik Gutzon Larsen*, University of Aalborg, *Pushing: geographies of drugs and gentrification in Copenhagen*.

2:30 Ute Lehrer, York University; Thorben Wieditz*, York University, *Accelerating Gentrification: Toronto's Condominium Boom*.

2:50 Jonathan Law*, University of Tennessee, *Predicting and Analyzing Gentrification in Atlanta, Georgia*.

3:10 Amanda Huron*, CUNY, *Gentrification and Individualization: A Case Study of Tenant Action in a Berlin Neighborhood*.

3:30 Justyna Goworowska*, University of Oregon, *Gentrification, Displacement and the Ethnic Neighborhood of Greenpoint, Brooklyn*.

TUESDAY, APRIL 15**2:10 PM - 3:50 PM****1500****1560. Architectures of Security: Border/Space in a Mobile World (Sponsored by Political Geography Specialty Group)**

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): Louise Amoore, Durham University, UK;
 Stephen Graham, Durham University
 CHAIR(S): Alexandra Hall, Durham University
2:10 Deborah Cowen*, University of Toronto, *The Border as 'Seam': Logistic Space, the Social, and Security.*
2:30 Louise Amoore*, Durham University, UK; Alexandra Hall, University of Durham, UK, *Taking People Apart: Digitized Dissection and the Body at the Border.*
2:50 Stephen Graham, Prof*, Durham University, *Global Homelands: Geographies Of Urban Rebordering.*
3:10 Bryan Finoki*, Subtopia, *Subverting the Nomadic Fortress.*
3:30 Keller Easterling*, Yale University, *Border Mimicry.*

1561. Migration, Economic and Income Change (Sponsored by Population Specialty Group)

Room: Beacon H, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): J. Matthew Shumway, Brigham Young University; Thomas J. Cooke, University of Connecticut
 CHAIR(S): J. Matthew Shumway, Brigham Young University
2:10 Samuel M. Otterstrom*, Brigham Young University; J. Matthew Shumway*, Brigham Young University, *Income Migration, Wealth, and Housing Bubbles in the United States, 1995-2004.*
2:30 Suzanne Davies Withers*, University of Washington; Tricia Ruiz, University of Washington; William AV Clark, University of California Los Angeles, *The Housing Context of Latino Migration Across the U.S..*
2:50 Thomas J. Cooke*, University of Connecticut; Paul Boyle, University of St Andrews; Kenneth Couch, University of Connecticut; Peteke Feijten, University of St Andrews, *A Longitudinal Analysis of Family Migration and the Gender Gap in Earnings in the United States and Great Britain.*
3:10 Richard G Healey, PhD*, University of Portsmouth, *Heavy Industrial Workers in the 1880 Census: an Analysis using GIS and Data Warehousing Technology.*
3:30 Enru Wang*, University of North Dakota; Max Lu, Kansas State University, *Economic Restructuring and Population Change in the Great Plains.*

1562. Semantic Similarity and Semantic Relatedness in Geography (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Kent, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): Brent Jaron Hecht, UC Santa Barbara; Martin Raubal, University of California at Santa Barbara
 CHAIR(S): Brent Jaron Hecht, UC Santa Barbara
2:10 Brent Jaron Hecht*, UC Santa Barbara, *GeoSR: Geographically explore semantic relations in world knowledge.*
2:30 Martin Raubal*, University of California at Santa Barbara, *Geometry for cognitive semantic similarity.*
2:50 Mark N Gahegan, PhD*, Pennsylvania State University; Ritesh Agrawal, The Pennsylvania State University; Anuj Jaiswal, The Pennsylvania State University; Junyan Luo, PhD, The Pennsylvania State University, *Recognizing, Visualizing and Resolving Concept Similarity.*
3:10 Jongwon Lee*, *Which direction is the opposite side? The ambiguity of spatial language and communication problems.*

1563. GK-12 Programs in Geography: Inspiring Transformation in K-12 and Graduate Education (Sponsored by Geography Education Specialty Group)

Room: Jefferson, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): Sarah Witham Bednarz, Texas A&M University
 CHAIR(S): Sarah Witham Bednarz, Texas A&M University
2:10 Daniel B. Lewis*, University Of Tennessee; René A. Shroat-Lewis, University of Tennessee; Sally P. Horn, University of Tennessee, *Big Science in the Classroom: Using Integrated Ocean Drilling Program Samples in GK-12 Activities.*
2:30 Mandy J Munro-Stasiuk*, Kent State University; Scott C Sheridan, Kent State University; Billie J Arnold, Kent State University; Donna Witter, Kent State University, *NSF GK-12 International Experiences: the Case of Kent State University and Iceland.*
2:50 Kenneth H. Orvis*, University of Tennessee; Sally P. Horn, University of Tennessee; Kristin T. Rearden, University of Tennessee; Lynn J. Champion, University of Tennessee, *Professional Benefits of GK-12 Participation for Fellows Engaged with Middle School Science Curricula in Rural East Tennessee.*
3:10 Sarah Witham Bednarz*, Texas A&M University; Nikki Williams, Texas A&M University; Sandra Metoyer, Texas A&M University; Jennifer Morris, Texas A&M University; Stephen Berhane, Texas A&M University; Adriana Martinez, Texas A&M University; Robert Bednarz, Texas A&M University; Anthony Fillippi, Texas A&M University; Andrew Klein, Texas A&M University, *GK-12 Programs in Geography: Transforming Spatial Thinking in K-12 and Graduate Education.*
 Discussant(s): Sally P. Horn, University Of Tennessee

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4:20 PM – 6:00 PM**1602. Hazards and Emergency Response***Room:* Clarendon Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert G. Cromley, University Of Connecticut

4:20 Vanessa A. Massaro*, University of Arizona; Lawrence A. Hoffman*, University of Arizona, *An Alternative Approach to Poverty Alleviation: Modeling Fire Service Distribution in the City of Philadelphia.*

4:40 Auroop R. Ganguly, Ph.D., Oak Ridge National Laboratory; Esther Sullivan Parish, M.S.*, Oak Ridge National Laboratory; Budhendra Bhaduri, Ph.D., Oak Ridge National Laboratory, *Toward an Integrative Computational Modeling and Analysis Framework for Climate Extremes and Their Impacts.*

5:00 Yan Yang*, SUNY at Buffalo, *Hurricane Vulnerability of the Community.*

5:20 Yolanda Yuenting Tsang*, University of North Texas, *Web-based GIS for Campus Emergency Response.*

5:40 Nicholas McNamara, University of Connecticut; Robert G. Cromley*, University of Connecticut, *A GIS/OR Approach to Locating Emergency Commodities Distribution Centers.*

1603. Methods for visualizing intersecting perspectives in urban spaces and places (Sponsored by Urban Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Cultural Geography Specialty Group)*Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Michele Masucci, Temple University; Lorena Munoz, University Of Southern California

CHAIR(S): Michele Masucci, Temple University

4:20 Carla C Keirns, MD, PhD*, University of Michigan, *Asthma Activism: Consumer Advice or Environmental Justice.*

4:36 Langston Clement, MA Candidate*, Temple University, *Access to admissions: A short film to visualize enabled spaces from the perspectives of high school students in North Philadelphia.*

4:52 Melody Grewell*, Temple University, *Youth Perceptions of Community in Philadelphia.*

5:08 Jeffrey Carroll*, Temple University, *The intersection of cybersafety, place, and policy in the experiences of high school students in North Philadelphia.*

5:24 Lorena Munoz*, University Of Southern California, *Adjusting the Lens: Photodocumenting Latino Vending 'Street-Scapes' in Los Angeles.*

5:40 Michele Masucci*, Temple University, *Web 2.0 and the geographies of everyday life among high school students in North Philadelphia.*

1604. Exploring future research gaps: Water resources, climate change, and world regions (Sponsored by Water Resources Specialty Group, Climate Specialty Group, China Specialty Group)*Room:* Exeter Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Kin M. Ma, Grand Valley State University; William J. Smith, University of Nevada, Las Vegas

CHAIR(S): Cort J. Willmott, University of Delaware

Introducer: Gary L. Gaile

Panelists: David Shankman, University of Alabama; Jie Song, Northern Illinois University; Carl J Bauer, University of Arizona; Christopher Lant, Southern Illinois University; Katie Hirschboeck, University Of Arizona; William J. Smith, University of Nevada, Las Vegas

1605. Geographies of Collective Action: Theoretical Questions, Empirical Inquiries III (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)*Room:* Fairfield Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Byron A. Miller, University of Calgary; Walter J. Nicholls, Sociology, CSU Long Beach

CHAIR(S): Byron A. Miller, University of Calgary

4:20 Tad Mutersbaugh*, University of Kentucky, *Solidarity Decertified: Transnational Institutions and Union Solidarity in Fairtrade-Organic Coffee.*

4:40 Thomas Ponniah*, Harvard University, *The World Social Forum and the Open Space.*

5:00 Alfonso Hernández Márquez*, UCLA, *Struggles for Collective Action: The Case of Long Beach, California.*

1606. Water, Science, Humans: Adventures of the Hydrosocial Cycle III*Room:* Harvard Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Jessica Budds, The Open University; James Linton, Queen's University

CHAIR(S): James Linton, Queen's University

4:20 Mark Neff*, Arizona State University; Bob Bolin, PhD, Arizona State University; Bethany Cutts, Arizona State University; Kate Darby, Arizona State University; Libby Larson, Arizona State University; Tischa Munoz-Erickson, Arizona State University; Amber Wutich, PhD, Arizona State University, *Does truth flow like water?: The role of social networks in the flow of scientific understandings in a water management controversy.*

4:40 Jessica Budds*, The Open University, *Hydrology, policy and politics: determining groundwater availability and allocation in La Ligua river basin, Chile.*

5:00 Tom Fletcher*, Bishop's University, *The Hydrosocial Cycle of Lake Memphremagog: Experts, Activists and Citizens.*

5:20 Darren R. Bardati, Dr.*, Bishop's University, *Civic science, sociohydrology, and watershed planning in Quebec.*

5:40 Jill S Schneiderman*, Vassar College, *Water, science, humans: feminist sociohydrology in Trinidad and Tobago.*

1607. Biogeography and Remote Sensing: Linking species, landscape and regional scales. (Sponsored by Biogeography Specialty Group, Remote Sensing Specialty Group)*Room:* Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Jaclyn Hall, University of Florida

CHAIR(S): Jaclyn Hall, University of Florida

4:20 Jaclyn M Hall*, University of Florida, *Using the Canopy Scale to Link Scales of Species and Landscape: Remote Sensing of Ecological Change in Humid Forests.*

4:40 Jennifer Elizabeth Miller*, University of Texas At Austin, *Modeling Large Mammal Distributions in Botswana Using MaxEnt.*

5:00 Miranda H Mockrin*, Columbia University; Robert F Rockwell, American Museum of Natural History; Kent H Redford, Wildlife Conservation Society, *Landscape features determine the distribution and sustainability of subsistence hunting in a logging concession in northern Congo.*

5:20 David E Koch*, Kansas State University, *Associations Between Hantavirus and Landscape Pattern.*

5:40 Andrea Wolf*, University of Florida; Michael Binford, University of Florida, *Remote Sensing Techniques to Monitor the Impacts of Elephants on Changing Vegetation Patterns.*

TUESDAY, APRIL 15**4:20 PM - 6:00 PM****1600****1608. Climate Change and Coastal Cities (Sponsored by Urban Geography Specialty Group, Hazards Specialty Group, Coastal and Marine Specialty Group)***Room:* Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Philip E. Steinberg, Florida State University;

Beate M.W. Ratter, University of Hamburg

CHAIR(S): Philip E. Steinberg, Florida State University

4:20 Heike Egner*, Department of Geography, Johannes Gutenberg University of Mainz (Germany), *Coastal cities facing climate change: A -real world" challenge for constructivists?*.**4:40** Beate M.W. Ratter*, University of Hamburg, *Between cognitive and technical adaptation - how far is Hamburg away from the sea?*.**5:00** Ann S. Fangmann, Graduate Research Assistant*, University of Delaware, *Global Warming and Local Action: A Case Study of Nassau County, New York*.**5:20** Philip E. Steinberg*, Florida State University, *Sea Level Rise, Globalization, and Urban Design: Between the City and the Sea*.

Discussant(s): Michael Rios, University of California, Davis

1609. Geomorphology: Deltas, Dunes, Sea Level Rise and Karst*Room:* MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Patrick Kahn, California State University, Northridge

4:20 Xiaoying Chen*, East China Normal University, Texas A&M University; Shenliang Chen, East China Normal University; Daniel. Z Sui, Texas A&M University, *Sediment Characteristics of the Modern Yellow River Delta*.**4:40** Sojan Mathew*, PhD Student; Robin Davidson-Arnott, PhD Supervisor; Jeff Ollerhead, Co-supervisor; Wanhong Yang, PhD Co-supervisor, *Coastal Geomorphic Changes along Greenwiche Dunes, Prince Edward Island National Park, Canada*.**5:00** Tongxin Zhu*, University of Minnesota, *Gully Development and Its Controlling Factors in the Loess Plateau of China: Field and GIS Approaches*.**5:20** Elspeth Rae*, UNSW@ADFA, *Modelling Beach Ridge Responses to Small Sea Level Fluctuations*.**5:40** Patrick Kahn*, California State University, Northridge, *Predicting Karst Development in an Alpine Location: Mineral King Valley, Sequoia National Park, California*.**1611. The Geography of Climate and Environment***Room:* Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Hannah Mensing, Non-Member Student

4:20 Dominic Campanaro*, Arizona State University, *Madden-Julian Oscillations Influence on Upland Precipitation in Arizona*.**4:25** Heather Glickman, BA*, CUNY Graduate Center; Shayesteh Mahani, PhD, NOAA-CREST; Reza Khanbilvardi, NOAA-CREST, *Impacts Of Aerosols On Uhi And Hydrological Variables*.**4:30** Hannah Mensing*, Arizona State University, *Rural to Urban Temperature Gradients: Recent Trends in the Mojave & Sonora Desert Region*.**4:35** Clement Aga Alo*, University of Connecticut; Guiling Wang, Dr., University of Connecticut, *Vegetation changes in response to projected CO2 and climate changes and feedback on surface hydrology*.**4:40** Steven J. Gordon*, U.S. Air Force Academy; Frederick B. Chambers, University of Colorado, Denver, *A Case**Study in Using GIS to Model Basalt Weathering, Hawaii Volcanoes National Park, Hawaii, USA*.**4:45** Beverley Wemple*, Member; Tiffany Larsen, *Spatial patterns of snow distribution in a northern New England mountain landscape and implications for runoff production*.**4:50** Teressa Whitaker, San Diego State University; Edward Aguado*, San Diego State University, *Modeling Snowmelt in the Merced River Basin, Yosemite National Park*.**4:55** Tom Miewald, Wild Salmon Center; Gordie Reeves, US Forest Service, *A Geographic Approach to Salmon Conservation*.**5:00** Carol B Griggs, PhD*, Dendrochronology Laboratory, Cornell University; Charlotte L Pearson, PhD, Dendrochronology Laboratory, Cornell University; Sturt Manning, PhD, Dendrochronology Laboratory, Cornell University, *Discrepancies In Growth Rates And Isotopic Signatures In Hemlock Trees Over Time In Northeast North America*.**1612. Cities and Urban Regions of Latin America II (Sponsored by Latin America Specialty Group)***Room:* Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Betty Elaine Smith, Eastern Illinois University;

Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul

CHAIR(S): Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul

4:20 Ricardo Alexandrino Garcia, PhD*, Geosciences Institute - Federal University of Minas Gerais, Brazil; Ralfo Matos, PhD, Geosciences Institute - Federal University of Minas Gerais, Brazil, *The spatial distribution of the social vulnerability of Brazilian metropolitan families*.**4:40** Jeff Garmany*, University of Arizona, *Embodied stateness: Discipline, biopower, and the state's existence in a Brazilian favela*.**5:00** Rafael Antonio Ortiz*, University of Minnesota & Metropolitan State University, *Difference, Disagreement, Antagonism: Radical Democracy, Urban Protests and the Geographies of the Political*.**5:20** Nathan Clarke*, University of Illinois, *Controlling Chaos: Urban Environmental Crisis in Chimbote, Peru, 1940-1980*.**5:40** Joel Outtes*, Rowan University; Amanda Fialho Moraes, Universidade Federal do Rio Grande do Sul; Renata Carrero Cardoso, Universidade Federal do Rio Grande do Sul; Ana Cristina Castagna, Universidade Federal do Rio Grande do Sul; Sthefania Dezordi Duha, Universidade Federal do Rio Grande do Sul, *The Urban International at the Crossroad of Social Reform: A Comparative Study of International Planning Institutions*.**1613. Indigenizing Spaces: Deep-Spatial Perspectives on Place (Sponsored by Indigenous Peoples Specialty Group)***Room:* Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Jay T. Johnson, University of Nebraska

4:20 Daniel R. Wildcat*, Haskell Indian Nations University, *Indigenizing Spaces: Deep-Spatial Perspectives on Place*.*(see session description on page 27)*

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1628. New Geographies of Gender and Behavior*Room: Provincetown Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Amrita G. Daniere, University of Toronto

CHAIR(S): Amrita G. Daniere, University of Toronto

4:20 Randall Crane*, UCLA, *Sex and Travel in the USA, 1985-2005*.**4:40** Lois M. Takahashi*, UCLA, *Gender, health, and disruptive social capital: thoughts on the geography of health disparities*.**5:00** Amrita G. Daniere*, University Of Toronto; Jeff Carpenter, Middlebury College, *Gender and Trust in Southeast Asian Cities*.**5:20** Jennifer Asanin*, McMaster University; Kathi Wilson, University of Toronto, *"When we say we are getting immigration from the skilled worker category, it's a bit of irony...": Examining the employment experiences of highly-skilled recent immigrants*.

Discussant(s): Kathleen J. Wilson, University Of Toronto at Mississauga

1629. Alternative Fuels 2: From Peak Oil to Alt-Fuel Infrastructure (Sponsored by Energy and Environment Specialty Group, Transportation Geography Specialty Group)*Room: Hyannis Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Michael Kuby, Arizona State University; Julia Andrea Gamas, US EPA

CHAIR(S): Julia Andrea Gamas, US EPA

4:20 Richard Stephen Middleton*, Oak Ridge National Laboratory, *Geospatial Optimization for Bioenergy Infrastructure*.**4:40** Andrew E Jackson, M.P.D.*, University of British Columbia, *The Highway to Oil's End*.**5:00** Michael A Nicholas*, University of California, Davis; Joan Ogden, University of California, Davis, *Survey of the Importance of Interregional Availability for Alternative Fuels*.**5:20** Michael J Kuby*, Arizona State University; Lee Lines, Rollins College; Ronald Schultz, Florida Atlantic University; Jong-Geun Kim, Arizona State University; Seow Lim, Arizona State University; Zhixiao Xie, Florida Atlantic University, *Planning an Initial Hydrogen Refueling Infrastructure in Florida*.**5:40** Jong-Geun Kim*, School of Geographical Sciences, Arizona State University; Michael Kuby, School of Geographical Sciences, Arizona State University, *Heuristic algorithms for locating refueling infrastructure for alternative-fuel vehicles on detouring paths*.**1630. Africa's Economic Recovery: Opportunities and Challenges: In Memory of Professor Konadu-Agyeman (Sponsored by Africa Specialty Group)***Room: Orleans Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Pdraig Carmody, Pdraig Carmody; Francis Owusu, Iowa State University

CHAIR(S): Francis Owusu, Iowa State University

4:20 Pdraig Carmody, Ph.D.*, Trinity College Dublin, *Economic Recovery in Africa? The Zambian Case*.**4:40** Kefa M. Otiso*, Bowling Green State University, *The Role of Decentralization in Kenya's Economic Growth in the post-2003 Period*.**5:00** Peter A. Kyem*, Central Connecticut State Univ, *Shaping the Future of the Digital Economy: Mobile Phones and Socio-Economic Development in Ghana..***5:20** Chris Benner*, University of California Davis; Jairus Rossi, Pennsylvania State University, *'An island off the west coast of Australia': Multiplex geography and the growth of outsourcing in Mauritius*.

Discussant(s): Jim Murphy, Clark University

1631. Author Meets Critics Nancy Postero. "Now we are Citizens": Indigenous Politics in Post-Multicultural Bolivia (Sponsored by Developing Areas Specialty Group, Political Geography Specialty Group, Social and Cultural Geography)*Room: Yarmouth Room, Marriott, 4th Floor (Panel Session)*

ORGANIZER(S): Rachel Silvey, U. of Toronto; Gillian Hart, University of California, Berkeley

CHAIR(S): Rachel Silvey, U. of Toronto

Introducer: Rachel Silvey

Panelists: Jennifer Casolo; Tania Li, University of Toronto; Gillian Hart, University of California, Berkeley

1633. Hazards: Environmental & Social Dimensions*Room: Vineyard Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Evan Andrew Hart, Tennessee Technological University

4:20 Ginmi Melton*, University of South Carolina, *A Place-Based Coastal Erosion Vulnerability Assessment of Georgetown County, SC*.**4:40** Ashley Brooke Zung*, University of Kansas, Department of Geography; Curtis J. Sorenson, University of Kansas, Department of Geography; Eric Winthers, USDA Forest Service, Bridger-Teton National Forest, *Geomorphic Character of Landslides in Camp Davis Quadrangle, Bridger-Teton National Forest, Wyoming*.**5:00** Ulrich Kamp*, University of Montana; Benjamin J. Growley, University of Montana; Ghazanfar A. Khattak, University of Cincinnati; Lewis A. Owen, University of Cincinnati, *GIS-based Landslide Susceptibility Mapping for the 2005 Kashmir Earthquake Region*.**5:20** Peter Paul Siska, Ph.D*, USMA; Phillip R Kemmerly, Ph.D, Austin Peay State University, *Environmental Hazards Assessment in Doline Karst Areas*.**5:40** Evan A. Hart*, Tennessee Technological University; Hugh H. Mills, Tennessee Technological University; Peter Li, Tennessee Technological University, *Sinkhole Floodplain Delineation In An Urban Watershed: Methods And Problems*.**1634. Strategies for Student Recruitment: Graduate, Undergraduate, & Diversity Initiatives (Sponsored by Enhancing Departments and Graduate Education project (EDGE))***Room: Maine Room, Marriott, 5th Floor (Panel Session)*

ORGANIZER(S): Leslie A. Duram, Southern Illinois University

CHAIR(S): Leslie A. Duram, Southern Illinois University

Introducer: Leslie A. Duram

Panelists: Fred M. Shelley, University of Oklahoma; Robert Brinkmann, University of South Florida; Arthur N. Samel, Bowling Green State University; Darrel L. McDonald, Stephen F Austin State University; Lisa Marshall; Nathan J. Sessoms, University of Southern California

TUESDAY, APRIL 15**4:20 PM – 6:00 PM****1600****1635. What has happened to the 'big' questions of financial geography? - panel (Sponsored by Economic Geography Specialty Group)**

Room: *New Hampshire Room, Marriott, 5th Floor* (Panel Session)
ORGANIZER(S): James Faulconbridge, Lancaster University; Ewald Engelen
CHAIR(S): James Faulconbridge, Lancaster University
Introducer: Ewald Engelen
Panelists: Gordon L. Clark, University of Oxford; Jane S. Pollard, Newcastle University; Andrew Leyshon, University of Nottingham; Michael Hermann Grote, Goethe-University Frankfurt; Roger Lee, Queen Mary, University of London

1637. Research Advances with the Spatial Synoptic Classification (SSC) (Sponsored by Climate Specialty Group)

Room: *Massachusetts Room, Marriott, 5th Floor* (Paper Session)
ORGANIZER(S): Scott Sheridan, Kent State University
CHAIR(S): Scott Sheridan, Kent State University
4:20 Scott Sheridan*, Kent State University, *The Spatial Synoptic Classification: New Advances and the Creation of Climate Zones.*
4:30 James E. Detwiler*, Penn State University, *Development of an Online Historical Air Mass Atlas.*
4:48 David M. Hondula*, The University of Virginia, *Evidence for Decadal-scale Changes in United States Air Mass Frequencies.*
5:06 Luke Sitka*, University of Virginia; Dave M. Hondula, University of Virginia; Robert E. Davis, University of Virginia; David Knight, University of Virginia; Steve Gawtry, University of Virginia; Michael Deaton, James Madison University; Philip J. Stenger, University of Virginia, *A Back-Trajectory and Air Mass Climatology for the Shenandoah Valley.*
5:24 Jason C Senkbeil, Dr.*, University of Alabama, *The Role of Atmospheric Flow and Air Mass Variability on Daily Warm Season Precipitation in Irrigated Regions of the Great Plains.*
5:42 Wayne T. Kline*, Kent State University, *Approach of Gloominess: Seasonal Cloud Variability within the Great Lakes Region.*

1638. Race, Ethnicity and Diversity: US perspectives (Sponsored by Ethnic Geography Specialty Group)

Room: *St. George A, Westin, 3rd Floor* (Paper Session)
ORGANIZER(S): Wei Li, Arizona State University; Carlos Teixeira, University of British Columbia Okanagan
CHAIR(S): Lawrence Estaville, Texas State University
4:20 Ira M. Sheskin*, University of Miami, *Geography and the Influence of the American Jewish Community on the American Political Process.*
4:40 Stavros T. Constantinou, Associate Professor*, Ohio State University, *Dimensions of Contemporary Greek American Ethnicity.*
5:00 Michael Poulsen*, Macquarie University, *Education Attainment and Labour and Housing Market Access in Boston.*
5:20 Edris J. Montalvo*, Texas State University - San Marcos, *Recruiting, Retaining, and Graduating Latinos and African Americans in American Higher Education: A Geographical Analysis..*
5:40 Lawrence Estaville*, Texas State University; Kristine Egan*, *Visualizing Socioeconomic Comparisons the U.S.: Anglos, Hispanics, and African Americans.*

1639. Spatial Polity and Practice in the Anglican Communion (Sponsored by Political Geography Specialty Group, Geography of Religions and Belief Systems Specialty Group)

Room: *St. George B, Westin, 3rd Floor* (Paper Session)
ORGANIZER(S): Michael R. Glass, Pennsylvania State University
CHAIR(S): Michael R. Glass, Pennsylvania State University
4:20 Iain Wallace*, Carleton University, *The crisis of order in the Anglican Communion through the lens of actor-network theory.*
4:40 Ian T Douglas, Ph.D.*, *Challenges and Possibilities for the Anglican Communion: The Changing Geography of a Worldwide Christian Community.*
5:00 Teresa Reilly*, University of Calgary, *"The fruit of our elders' dreams&": lights and sidelights on the geo-story of Indigenous Episcopacy in Canada, the United States and New Zealand..*
5:20 Christopher Trott*, University of Manitoba, *Anglican Space/Inuit Space: Managing Differential Understandings of Space in the Mission Encounter.*
Discussant(s): Michael R. Glass, Pennsylvania State University

1640. Events, Industrial Governance and the Space Economy (Sponsored by Economic Geography Specialty Group, Recreation, Tourism, and Sport Specialty Group)

Room: *St. George C, Westin, 3rd Floor* (Paper Session)
ORGANIZER(S): Sally Weller, Victoria University; Wendy Larner, University of Bristol
CHAIR(S): Sally Weller, Victoria University
4:20 Nina Schuldt*, University of Marburg; Harald Bathelt, University of Toronto, *Practices of Global Buzz at International Trade Fairs.*
4:40 Sally Weller*, Victoria University, *Fashions in the Field? Fashion's Articulations in a 'Second Tier' city.*
5:00 Russell Prince*, University of Bristol, *Globalising policy knowledge? The circuit of creative policy and the possibility of global orthodoxy.*
Discussant(s): Wendy Larner, University of Bristol

1641. Regional & urban Growth Modeling

Room: *St. George D, Westin, 3rd Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Julie M. Minde, George Mason University
4:20 Jia Lu*, University of Wisconsin, *Spatial models of land-use structure in Central Ohio.*
4:40 Zhijie Li*, Geography, GIS, LSU, *Analysis of Economic Development of Louisiana Based on a Bayesian Economic Ecosystem Model.*
5:00 Heather M. Hall*, Queen's University, *Being Realistic About a Regional Growth Plan in Northern Ontario, Canada.*
5:20 Jun Luo*, Missouri State University, *Modeling Urban Growth with Geographically Weighted Multinomial Logistic Regression.*
5:40 Julie M. Minde*, George Mason University, *A Spatial Decision Support Tool for Co-locating Public Facilities.*

TUESDAY, APRIL 15

4:20 PM – 6:00 PM

1600

1642. Conducting Creativity: the role of cities as containers of cultural scenes III

Room: Essex North-West, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Brian Hracs, University of Toronto; Atle Hauge, University of Toronto
 CHAIR(S): Brian Hracs, University of Toronto
4:20 Jeff Boggs*, Brock University, *Department of Geography, The constrained evolution of the Canadian book trade.*
4:40 Josephine V. Rekers*, University of Toronto, *Preparing demand: cities, scenes and the reception of creativity.*
5:00 Roberta Comunian*, University of Southampton, *Mapping and understanding the role of networks in the local creative economy: the North-East of England.*
5:20 Harald Bathelt*, University of Toronto; Philip Turi*, University of Toronto, *Co-location, Face-to-face Contact and Virtual Communication: Conceptual Fallacies about the Beginning and Ending of Geography.*
 Discussant(s): Tara Vinodrai, University Of Waterloo

1643. Regional World(s) III

Room: Essex North-East, Westin, 3rd Floor (Panel Session)
 ORGANIZER(S): Martin R. Jones, University Of Wales, Aberystwyth; Anssi Paasi, University of Oulu
 CHAIR(S): Martin R. Jones, University Of Wales, Aberystwyth
 Introducer: Martin R. Jones
 Panelists: J Nicholas Entrikin, University Of California; Edward Soja, UCLA; Alexander B. Murphy, University of Oregon; Anssi Paasi, University of Oulu; Andrew Jonas; Gordon MacLeod, University of Durham; Bob Jessop, Lancaster University

1644. Thirty Years of Chinese Economic Reforms and Urban Environmental Changes: Special Sessions in Memory of Dr. Chor-Pang Lo (III: Land Use and Environmental Change) (Sponsored by Urban Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: Essex North-Center, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Qihao Weng, Indiana State University; Yehua Dennis Wei, University of Utah
 CHAIR(S): Bingqing Liang
4:20 Honglin Xiao*, Elon University, *Land Use land Cover change in karst area and its impact to urban temperature pattern and hydrologic process.*
4:40 Roger C.K. Chan*, The University of Hong Kong, *Land Preservation Policies in China.*
5:00 Alana Boland*, University of Toronto, *Consuming water in the productive city: Urban development, water supply, and pollution regulation in China, 1950-1965.*
5:20 Qihao Weng*, Indiana State University, *Urbanization and Climate Change: A Case Study of Guangzhou, China.*

1645. New Perspectives on Critical Place-Name Studies (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Staffordshire, Westin, 3rd Floor (Panel Session)
 ORGANIZER(S): Reuben S. Rose-Redwood, Texas A&M University; Derek H. Alderman, East Carolina University
 CHAIR(S): Reuben S. Rose-Redwood, Texas A&M University
 Introducer: Reuben S. Rose-Redwood
 Panelists: Derek H. Alderman, East Carolina University; Lawrence D. Berg, University of British Columbia; Pauliina Raento, University of Helsinki; Joshua Hagen, Marshall University; Euan Hague, DePaul University; Eliot Tretter, The University of Texas at Austin

1646. Bodies across borders: biosciences, technology and health (Sponsored by Medical Geography Specialty Group)

Room: Parliament Room #1, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Beth Greenhough, Queen Mary, University of London; Isabel Dyck, Queen Mary, University of London
 CHAIR(S): Susan Craddock, University of Minnesota
4:20 Michelle D Majeed*, University of Toronto, *The Discourse of Regulation: Media Responses To The Regulation of Traditional Chinese Medicine in Ontario, Canada.*
4:40 Kim England*, University of Washington, *Nurses across borders: Globalization, migration and care work.*
5:00 Jamie Lynn Magnusson, Ph.D.*, OISE, *Embodying the Politics of Biotechnological Innovation in a Global Knowledge Economy.*
5:20 Kaushik Sunder Rajan*, University of California, Irvine, *Clinical Trials and the Other Body.*
5:40 Gail Davies*, University College London, *Imagining and Memorialising Organ Donation: Gender, Corporeality and Justice.*

1647. Supporting Women in Geography: Undergraduate Perspectives (Sponsored by Committee on the Status of Women in Geography)

Room: Empire Room #6, Westin, 7th Floor (Panel Session)
 ORGANIZER(S): Jodi Vender, Pennsylvania State Univ; Fred M. Shelley, University of Oklahoma
 CHAIR(S): Jodi Vender, Pennsylvania State Univ
 Introducer: Jodi Vender
 Panelists: Heather Hollen Jones, University of Oklahoma; Marina Viola, Pennsylvania State University

1648. Geographies of Urban Education Issues (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, Applied Geography Specialty Group)

Room: North Star Room #10, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Haifeng Zhang, University of Louisville, KY; Lesli M. Rawlings, University of Nebraska
 CHAIR(S): Haifeng Zhang, University of Louisville, KY
4:20 Kenny French, PhD Candidate*, University of Nebraska-Lincoln, *Neighborhood Patterns and Consequences of Ethnic Residential Segregation: An Analysis of Omaha, Nebraska.*
4:40 Lesli M. Rawlings*, University of Nebraska, *Altering school district boundaries: Will it ameliorate urban education problems?.*
5:00 Erin Middleton*, Oak Ridge National Laboratory, *Understanding Local School Choice.*
5:20 Lee Hachadoorian*, CUNY Graduate Center, *Homogeneity Tests of Tiebout Sorting - Do Households Sort Among School Districts?.*
5:40 Haifeng Zhang, Ph.D.*, University of Louisville, KY, *Mapping School Choice in Louisville. KY.*

1649. "Terrorist Assemblages", Jasbir Puar: Author Meets Interlocutors (Sponsored by Sexuality and Space Specialty Group, Social and Cultural Geography)

Room: Defender Room #5, Westin, 7th Floor (Panel Session)
 ORGANIZER(S): Michael P. Brown, University of Washington; Jennifer Hyndman, Syracuse University
 CHAIR(S): Jennifer Hyndman, Syracuse University
 Panelists: Deborah Cowen, University of Toronto; Audrey L. Kobayashi, Queen's University; Natalie Oswin, National University of Singapore; Rupal Oza, Hunter College, CUNY; Jasbir Puar, Rutgers University

TUESDAY, APRIL 15**4:20 PM – 6:00 PM****1600****1650. Situating Sat Nav 2 (Sponsored by Communication Geography Specialty Group)***Room: Adams Room #2, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Chris Perkins

CHAIR(S): Chris Perkins

4:20 Georg Gartner*, TU Vienna, Department of Geoinformation and Cartography, *Restrictions in mental representations of the world as a result of relying upon navigation systems.***4:40** Alexander Klippel*, GeoVISTA Center, Department of Geography, Penn State, *Can we afford to provide cognitively inadequate wayfinding assistance?.***5:00** Fabien Girardin*, Universitat Pompeu Fabra; Josep Blat, Universitat Pompeu Fabra, *The co-evolution of taxi drivers and their in-car navigation systems.***5:20** Jonathan F Raper, Professor*, City University, *The Mistakes That Satnavs Make (And What They Don't Know).*

Discussant(s): David M. Mark, University at Buffalo

1651. Carbon and Water Cycles in the Changing Arctic: Past, Present, and Future II (Sponsored by Cryosphere Specialty Group)*Room: Great Republic #7, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Tamlin Pavelsky, University of California - Los Angeles; Dave Beilman, 14CHRONO Centre for Climate Environment & Chronology, Queen's University Belfast

CHAIR(S): Tamlin Pavelsky, University of California - Los Angeles

4:20 David W. Beilman*, 14CHRONO Centre for Climate Environment & Chronology, Queen's University Belfast; Jagtar S. Bhatti, Canadian Forest Service; Dale H. Vitt, Southern Illinois University, *Carbon Stocks and Wetlands in the Mackenzie Basin: Uncertainties and Implications in a High-Resolution Case Study.***4:40** Shanshan Cai*, Department of Earth and Environmental Sciences, Lehigh University; Zicheng Yu, Department of Earth and Environmental Sciences, Lehigh University; Robert K. Booth, Department of Earth and Environmental Sciences, Lehigh University; Steve Frolking, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire; Glen M. MacDonald, Department of Geography, University of California, Los Angeles, *Peat Accumulation of a Sphagnum Poor Fen in Temperate East Pennsylvania during the Holocene.***5:00** Laurence C. Smith*, University of California - Los Angeles; Tamlin M. Pavelsky, University of California - Los Angeles; Glen M. MacDonald, University of California - Los Angeles; Karen E. Frey, Clark University; Alexander I. Shiklomanov, University of New Hampshire; Richard Lammers, University of New Hampshire, *Russian hydrology into the 21st century.***1655. Restoration Geographies II (Sponsored by Cultural and Political Ecology Specialty Group, Geomorphology Specialty Group)***Room: Beacon A, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): David Havlick, University of Colorado-Colorado Springs; Martin W. Doyle, University of North Carolina

CHAIR(S): Martin W. Doyle, University of North Carolina

4:20 Michael A. Urban*, University of Missouri; Bruce L. Rhoads, University of Illinois, *Delimiting Environmental Restoration.***4:40** Rebecca Lave*, UC Berkeley Geography Department, *The Rosgen Debate: Constructing Scientific Expertise Outside of the Academy.***5:00** William L. Graf*, University of South Carolina, *Policy and Science for Restoration of Large American Rivers.*

Discussant(s): Morgan M. Robertson, University of Kentucky

1656. Diverse Economies 3: Toward a Dialog with Political Ecology (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)*Room: Beacon B, Sheraton, 3rd Floor (Panel Session)*

ORGANIZER(S): Kevin St. Martin, Rutgers University; Marla R. Emery, US Forest Service

CHAIR(S): Kevin St. Martin, Rutgers University

Panelists: Julie Graham, University of Massachusetts; Katherine D. Gibson, Australian National University; Dianne E. Rocheleau, Clark University; Bradley Wilson, Rutgers University; Marla R. Emery, US Forest Service; Kevin St. Martin, Rutgers University

1657. The Politics of the (Neoliberalizing) Rural III (Sponsored by Rural Geography Specialty Group)*Room: Beacon D, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Alistair Fraser, National University Ireland, Maynooth; Mark James Scott, University College Dublin

CHAIR(S): Alistair Fraser, National University Ireland, Maynooth

4:20 Pratyusha Basu*, University of South Florida, Tampa, *Farmers in the Mall: Companies and Consumerism in Rural India.***4:40** Rebecca Maria Torres*, University of Texas at Austin; Jeff Popke, East Carolina University, *Neoliberalization, Transnational Migration and New Subjectivities in Rural Mexico.***5:00** Mark James Scott*, University College Dublin, *Mobilizing memories: cultural politics, postcolonialism and rural housing in Ireland.***5:20** Michael Woods*, Aberystwyth University; Jon Anderson, Cardiff University; Steven Guilbert, Sheffield University; Suzie Watkin, Aberystwyth University, *Contesting Neoliberalism? Ideology, self interest, identity and grassroots rural protests in Britain..*

Discussant(s): Mark A. Goodwin, University Of Exeter

TUESDAY, APRIL 15

4:20 PM – 6:00 PM

1600

- 1658. The urban political ecologies of documents II: critically extending historical natures beyond the city (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group)**
Room: *Beacon E, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Ann Marie Murnaghan, York University; Paul SB Jackson, University of Toronto
 CHAIR(S): Paul SB Jackson, University of Toronto
4:20 Roger M. Picton*, University of Toronto, *The State of Nature: Using Historical Methodologies to Uncover (Hidden) Metabolisms in Canada's National Capital*.
4:40 Moira McDonald*, University of Minnesota, *Environmental Governance and the Development of the Flood Control Infrastructure in the Yazoo Delta*.
5:00 Geoff S. Gitter, Phd Candidate, Department of Geography*, University of Calgary, *Mad cows, regional governance and urban sprawl: Path dependence and unintended consequences in the Calgary region*.
5:20 Laura Trauth*, The Catholic University of America and the Community College of Baltimore Co., *"So ill looked a place, among all the whore houses:" Mapping Moral and Physical Cleanliness in Early Modern London*.
 Discussant(s): Carl Griffin, Queen's University

- 1659. Urban Geography Gentrification III**
Room: *Beacon F, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Eric Clark, Social and Economic Geography, Lund
4:20 Graham Wesley Pickren, Graduate Student*, University of Georgia, *"Invisible Housing: A Case Study on 'Studentification', Displacement, and a Social Movement of Manufactured Housing Residents in Athens-Clarke County, Georgia"*.
4:40 Kathryn Wells*, Syracuse University, *Selling Shelters: Gentrification of Public Property in Washington, D.C., 1987-2007*.
5:00 Delphine Ancien*, Ohio State University, *London's Housing Question: Metropolitan Governance and the Politics of Scale*.
5:20 Eric Clark*, Social and Economic Geography, Lund University; Karin Johnson, Social and Economic Geography, Lund University; Emma Lundholm, Social and Economic Geography, Umeå University; Gunnar Malmberg, Social and Economic Geography, Umeå University, *Generic Gentrification: Ordinary Gentrification, Polarization and Neo-liberal Urban Politics in Stockholm, Gothenburg and Malmö*.

- 1660. Geographies of Information Society**
Room: *Beacon G, Sheraton, 3rd Floor* (Panel Session)
 ORGANIZER(S): Hamid Ekbia, Indiana University; Nadine Schuurman, Simon Fraser University
 CHAIR(S): Hamid Ekbia, Indiana University
 Panelists: Hamid Ekbia, Indiana University; Nadine Schuurman, Simon Fraser University; Tom Evans, Indiana University; Jessie P. Poon, University at Buffalo-SUNY; Francis Harvey, University of Minnesota - Minneapolis; Dawn J. Wright, Oregon State University; André Skupin, San Diego State University; Sara Irina Fabrikant, University Of Zurich

- 1661. The Influence of Neighbourhoods on School Segregation and Educational Outcomes (Sponsored by Population Specialty Group)**
Room: *Beacon H, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Valerie Ledwith, National University of Ireland, Galway
 CHAIR(S): Valerie Ledwith, National University of Ireland, Galway
4:20 Brooke Sykes, M.Sc.*, University of Amsterdam, *Neighbourhood effects and educational achievement in the Dutch context: A multilevel analysis*.
4:35 Tricia Ruiz*, University of Washington; Suzanne Davies Withers, University of Washington, *The Uneven Geographies of School Segregation and Residential Integration in the United States, 2000*.
4:50 Valerie Ledwith*, National University of Ireland, Galway, *Neighbourhood Effects on Early School Leaving in Ireland*.
5:05 Venla Bernelius, M.Sc.*, University of Helsinki, *Neighbourhood Effects, Educational Outcomes and Public Schools in Helsinki, Finland*.
5:20 Kathy Reilly, BA. H. Dip. (ed)*, National University of Ireland Galway, Ireland, *'Education isn't just about the classroom': Everyday Perceptions of the Second Level Schooling Experience*.
 Discussant(s): Ron Johnston, University of Bristol

- 1662. The Participatory Geoweb (Sponsored by Geographic Information Science and Systems Specialty Group)**
Room: *Kent, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Renee Sieber, McGill University
 CHAIR(S): Renee Sieber, McGill University
4:20 Trevor M. Harris*, West Virginia University, *Participatory GIS and the Geospatial semantic web*.
4:40 Mr. Hanif Rahemtulla*, University College London; Dr. Muki Haklay, University College London; Professor Paul Longley, University College London, *A Mobile Spatial Messaging Service for a Grassroots Environmental Network*.
5:00 Ryan Burns*, San Diego State University; André Skupin, San Diego State University, *Landscapes of Participatory Dialogue: Participation and Geovisualization in AgoraXchange*.
5:20 Maggi Kelly*, University of California; Ken'ichi Ueda, UC Berkeley, *Participatory GIS in Sierra Nevada Forest Adaptive Management: the Sierra Nevada Adaptive Management Project*.
5:40 Renee Sieber*, McGill University, *The Participatory Geoweb: A Research Agenda*.

- 1663. Author meets critics: Rebecca Kay's "Men in Contemporary Russia: The Fallen Heroes of Post-soviet Change?" (Sponsored by Geographic Perspectives on Women Specialty Group, Russian, Central Eurasian, and East European Specialty Group)**
Room: *Jefferson, Sheraton, 3rd Floor* (Panel Session)
 ORGANIZER(S): Marianna Pavlovskaya, Hunter College
 CHAIR(S): Marianna Pavlovskaya, Hunter College
 Panelists: Rebecca Kay; Megan Dixon, University of Oregon; Robert Ian Duncan, University of Washington; Jessica K. Graybill, Colgate University; Marianna Pavlovskaya, Hunter College

TUESDAY, APRIL 15**4:20 PM – 6:00 PM****1600****6:15 PM – 11:00 PM****1700**

- 1668. Eternal sunshine of the spotless mind: place and the construction of memory in Europe (Sponsored by European Specialty Group)**

Room: Conference Room 1, Sheraton, 5th Floor (Panel Session)
ORGANIZER(S): Guntram Herb, Middlebury College
CHAIR(S): Guntram Herb, Middlebury College
Panelists: Merje Kuus, University Of British Columbia; Kara Dempsey, University of Wisconsin-Madison; Michael Heffernan, University of Nottingham; Guntram Herb, Middlebury College; Sandra Petermann, University of Mainz; Robert Kaiser

- 1669. Exploding Homogeneity: Reconceiving Race and Ethnicity among Emigrant and Immigrant Populations (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)**

Room: Conference Room 6, Sheraton, 5th Floor (Paper Session)
ORGANIZER(S): Priscilla McCutcheon, The University of Georgia; Brittany Davis, The University of Georgia
CHAIR(S): Brittany Davis, The University of Georgia
4:20 Jess Bier*, CUNY - Graduate Center, *How Niquila Nasrallah Became John Jacob Astor: Arab Emigrants aboard the RMS Titanic and the Linguistic Un-Invention of Ancestry.*
4:40 Natalie R Koch*, Harvard University, *Identity and Inter-Ethnic Marriage in Contemporary Kazakhstan.*
5:00 Richard A. Wright*, Dartmouth College; Steven Holloway, U Georgia; Mark Ellis, University Of Washington; Margaret East, University of Texas at Arlington, *Do Mixed-Race Households Live in Diverse Neighborhoods? A Preliminary Analysis.*
5:20 Babette Audant*, CUNY Graduate Center, *Creative Destructions: Tracing a genealogy of 'Latino' in New York City.*
5:40 R. Tina Catania*, Dartmouth College; R. Tina Catania, Dartmouth College, *Latinos who Choose to be "Other" and the Races that Place Makes.*

6:15 PM - 11:00 PM

- 1720. Opening Plenary with Jeffrey Sachs**

Tuesday, April 15, 6:15 p.m. - 7:45 p.m.

Room: Grand Ballroom Salons A-F, Marriott, 4th Floor

Opening Remarks: **Thomas J. Baerwald**, National Science Foundation

Welcome and Introduction: **Douglas Richardson**, AAG Executive Director

Speaker: **Jeffrey Sachs**, Director of the Earth Institute at Colombia University

For more than twenty years, Dr. Jeffrey D. Sachs has been in the forefront of the challenges of economic development, poverty alleviation, and enlightened globalization, promoting policies to help all parts of the world benefit from expanding economic opportunities and well-being. Sachs is director of the Earth Institute, Quetelet Professor of Sustainable Development, and Professor of Health Policy and Management at Columbia University. He has also served as director of the U.N. Millennium Project and special advisor to former United Nations Secretary-General Kofi Annan on the Millennium Development Goals, and is president and co-founder of Millennium Promise Alliance, a nonprofit organization aimed at ending extreme global poverty. While he is widely acknowledged as a leading international economic advisor, Sachs is also one of the leading voices for combining economic development with environmental sustainability, and as director of the Earth Institute leads large-scale efforts to promote the mitigation of human-induced climate change. He is author of hundreds of scholarly articles and many books, including the New York Times bestseller *The End of Poverty*, and his most recent release, *Common Wealth: Economics for a Crowded Planet*. Sachs is a member of the Institute of Medicine of the National Academy of Sciences and is a research associate of the National Bureau of Economic Research. Prior to joining Columbia, he spent over twenty years at Harvard University, most recently as director of the Center for International Development. Sachs was named the 2007 AAG Honorary Geographer for his deep and abiding appreciation of a geographic perspective and through his exemplary global leadership in confronting the challenges of economic development, poverty alleviation, globalization, and environmental sustainability.

Opening Evening Events

Tuesday, April 15, 6:15 p.m. - 11:00 p.m.

6:15 p.m. - 7:45 p.m. Opening Plenary Keynote Address by **Jeffrey Sachs**. Opening remarks by **Thomas J. Baerwald**, AAG President and **Douglas Richardson**, AAG Executive Director. (*Grand Ballroom Salons A-F, Marriott, 4th Floor*)

7:30 p.m. - 9:00 p.m. Exhibit Hall Opening Reception: Hors d'oeuvres and drinks will be served. (*Back Bay Conference and Exhibition Center, Marriott, 3rd Floor*)

7:45 p.m. - 8:30 p.m. International Reception: Mingle with colleagues from around the world while enjoying hors d'oeuvres and drinks. The reception will provide opportunities for all AAG participants to interact with overseas attendees and explore with them common interests in teaching, research, and service. (*Clarendon – Fairfield, Marriott, 3rd Floor*)

8:00 p.m. - 11:00 p.m. The Boston Awesome Welcome Party featuring music and dancing with "The Awesome" (*Grand Ballroom Salons G-K, Marriott, 4th Floor*)

Presenting author(s) are indicated with an asterisk ().*

WEDNESDAY

WEDNESDAY, APRIL 16

8:00 AM - 9:40 AM

2100

8:00 AM - 9:40 AM**2103. Network Analysis and Spatial Optimization of Networks***Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Zengwang Xu

8:00 Hyun Kim*, Ohio State University, *Multi-objective hub location models for reliable network design.***8:20** Jared W. Nuss*, University of Connecticut; Robert G. Cromley, University of Connecticut, *Solving location set-covering problems with a vertical dimension.***8:40** Zengwang Xu*, Houston Advanced Research Center, *Exploring the architecture of the U.S. intercity passenger air transportation network- a weighted complex network approach.***2104. European Identities I: Visuality, Place, and European landscapes (Sponsored by European Specialty Group, Political Geography Specialty Group, Qualitative Research Specialty Group)***Room:* Exeter Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Patricia Ehrkamp, University of Kentucky

CHAIR(S): Gunter Thieme, University of Cologne

8:00 Kama Lee Varney-Heck*, University of North Carolina Wilmington, *Tasting the Cultural Landscape of the German Wine Road.***8:20** Salla Jokela*, Academy of Finland/University of Helsinki, *Building a Façade for Finland: Helsinki in Tourism Imagery.***8:40** George W. White*, Frostburg State University, *The Arts and the Territorial Framing of Hungarian National Identity.***9:00** Hannu Linkola*, *Making Finland Visible: Regions and Nation in Early Landscape Photography.*

Discussant(s): David L. Prytherch, The Miami University

2105. Advances in Paleoclimatology I (Sponsored by Biogeography Specialty Group, Cryosphere Specialty Group, Paleoenvironmental Change Specialty Group)*Room:* Fairfield Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kevin John Anchukaitis, Columbia University; Camille Holmgren, California State University, Long Beach

CHAIR(S): Bryan Shuman, University of Wyoming

8:00 Jesse Morris*, University of Utah; Andrea Brunelle, University of Utah, *Sedimentological Evidence of Spruce Beetle Outbreaks.***8:20** Leila M. Gonzales*, University of Wisconsin-Madison; John W. Williams, University of Wisconsin-Madison; Jed O. Kaplan, Swiss Federal Institute for Forest, Snow, and Landscape Research, *Assessing the relative importance of climate and CO₂ on variations in leaf area index in northern and eastern North America over the past 21,000 years..***8:40** Samantha W. Kaplan*, University of Wisconsin - Stevens Point, *Full-Glacial Climate and Environment Reconstructed from a New Pollen Sequence in Western Tennessee..***9:00** Tsige Gebru, Addis Ababa University, Addis Ababa, Ethiopia; Valery J. Terwilliger*, Université François Rabelais, Tours, France; Zewdu Eshetu, Ethiopian Institute of Agricultural Research, Addis Ababa, Ethiopia; Mohammad Umer, Department of Geological Sciences, Addis Ababa University; Nikki Strong, University of Kansas, Lawrence, Kansas, USA; Yongsong Huang, Brown University, Providence,RI, USA, *Does Vegetation History Support Existing Hypotheses About The Effects Of Human Populations On Landscapes of Ethiopia's Northern Highlands?.***2106. Teaching "the impossible course": taking on the challenges of world regional geography (Sponsored by Geography Education Specialty Group)***Room:* Harvard Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Alice E. Mulder, Weber State University

CHAIR(S): Alice E. Mulder, Weber State University

Panelists: Joseph P. Dymond; Sarah Jean Halvorson, University of Montana; Phil Klein; Marie D. Price, George Washington University; Michael W. Longan, Valparaíso University; Janet Stuhrenberg Smith, Shippensburg University

2107. How to study post-Soviet space: new categories and theoretical explorations (Sponsored by Russian, Central Eurasian, and East European Specialty Group)*Room:* Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Megan Dixon, University of Oregon

CHAIR(S): Megan Dixon, University of Oregon

8:00 Sam Schueth*, University of Minnesota, *Institution Building and Post-Soviet Entrepreneurship: the Case of Georgia.***8:20** Robert B Begg*, Indiana University Of Pennsylvania, *Articulations of Capital: apparel commodity chains in Central and Eastern Europe..***8:40** Megan Dixon, Ph.D.*, University of Oregon, *The Clash of Planning Cultures in a Russian Chinatown: St. Petersburg Institution vs. Chinese Investment.***9:00** Robert Argenbright*, University of North Carolina Wilmington, *Practicing Citizenship in Moscow.***9:20** Peter Kabachnik*, Rutgers University; Beth Mitchneck, University of Arizona; Joanna Regulska*, Rutgers University, *Exile and Displacement of Internally Displaced Persons in Georgia: Where is home?.***2108. Authors meet Critics: Exploring North America through Regional Textbooks (Sponsored by Canadian Studies Specialty Group, Geography Education Specialty Group)***Room:* Northeastern Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Susan Lucas, Edinboro University of Pennsylvania

CHAIR(S): Chris Mayda, Eastern Michigan University

Introducer: Chris Mayda

Discussant(s): Alfred Hecht, Wilfrid Laurier Univ

Panelists: Susan Hardwick, University of Oregon; Fred M. Shelley, University of Oklahoma; John C. Hudson, Northwestern University

WEDNESDAY, APRIL 16**8:00 AM - 9:40 AM****2100****2109. Modeling: Species to Biomes****Room:** MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark Mueller, Florida FWCC, Fish and Wildlife Research Institute

8:00 Ross K. Meentemeyer, PhD*, University of North Carolina at Charlotte; Brian L Anacker, UC Davis; Walter Mark, PhD, Cal Poly San Luis Obispo; David M Rizzo, PhD, UC Davis, *Early detection of emerging forest disease using dispersal estimation and ecological niche modeling.*

8:20 Zewei Miao*, Dr. *, Grant F. Walton Center for Remote Sensing & Spatial Analysis, Rutgers University, 14 College Farm Road, New Brunswick, NJ 08901-8551; Richard Lathrop, Dr., Grant F. Walton Center for Remote Sensing & Spatial Analysis, Rutgers University, 14 College Farm Road, New Brunswick, NJ 08901-8551; Ming Xu, Grant F. Walton Center for Remote Sensing & Spatial Analysis, Rutgers University, 14 College Farm Road, New Brunswick, NJ 08901-8551; Inga LaPuma, Mrs., Grant F. Walton Center for Remote Sensing & Spatial Analysis, Rutgers University, 14 College Farm Road, New Brunswick, NJ 08901-8551; Kenneth L. Clark, Dr., Silas Little Experimental Forest USDA Forest Services, 501 Four Mile Road, New Lisbon, NJ 08064; John Hom, Dr., Silas Little Experimental Forest USDA Forest Services, 501 Four Mile Road, New Lisbon, NJ 08064; Nicholas Skowronski, Silas Little Experimental Forest USDA Forest Services, 501 Four Mile Road, New Lisbon, NJ 08064, *Modeling and sensitivity analysis of carbon storage and fluxes in the New Jersey Pinelands.*

8:40 Sarah Elizabeth McLane*, University of South Carolina, *An Integrative Approach to Modeling Invasive Species as a part of a Watershed Management Partnership in the Kohala Mountains, Hawaii.*

9:00 Mark Mueller*, Fish and Wildlife Research Institute, FWC; Ellen Hines, Fish and Wildlife Research Institute, FWC; Leslie Ward, Fish and Wildlife Research Institute, FWC, *Using the Automatic Identification System for North Atlantic Right Whale Research and Management in the Southeastern U.S. calving grounds.*

2110. Healthcare Policy and Public Health Delivery**Room:** Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Brian Blankespoor, World Bank

8:00 Maurizio Gibin*, Department of Geography, CASA
 - Centre for Advanced Spatial Analysis, UCL;
 Pablo Mateos, Department of Geography CASA
 - Centre for Advanced Spatial Analysis, UCL;
 Alex Singleton, Department of Geography CASA
 - Centre for Advanced Spatial Analysis, UCL; Paul Longley, Department of Geography CASA - Centre for Advanced Spatial Analysis, UCL; Phil Atkinson, Southwark Primary Care Trust, *Monitoring fine scale ethnic changes in general practices catchment areas in inner London.*

8:20 William R Ponicki, MS, Prevention Research Center, Berkeley, CA 94704; Lance Waller, Ph.D., Emory University, Atlanta, GA; Lillian Remer, Prevention Research Center, Berkeley, CA 94704, *A Spatial Ecological Model of Alcohol-Related Crashes.*

8:40 Nicole Vanosdel, BS*, University of Nebraska Medical Center; Michael Shambaugh-Miller, PhD, University of Nebraska Medical Center, *Development of Spatial Modeling to Determine the Impact of Medicare and Medicaid Policy Upon Rural American Pharmacies.*

9:00 Brian Blankespoor, MS*, The World Bank Group; Chanza Baytop, MPH, DrPH, Abt Associates, *Travel Time Analysis of Medicaid Managed Care Plans in the District of Columbia.*

2111. Local Knowledge Systems: Cultural, Historical and Political Ecology Perspectives I (Sponsored by Africa Specialty Group, Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)**Room:** Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Antoinette WinklerPrins, Michigan State University

CHAIR(S): Antoinette WinklerPrins, Michigan State University

8:00 William E. Doolittle*, University of Texas, *Aqueducts of Morelos.*

8:05 Godson C. Obia*, Eastern Illinois University, *Threats to Traditional Medical Knowledge and Implications for Health and Well-Being in Some Rural Communities of West Africa.*

8:10 Ingrid B Haeckel*, The University of Texas at Austin, *The Hidden Ceremonial Harvest: Demand and Management Strategies for Epiphytic Bromeliads in Veracruz, Mexico.*

8:15 Angela May Steward*, The Graduate Center, The City University of New York, *Fields, fallows, and home gardens: The value of cultivated plant diversity in an urbanizing Amazonian community (state of Amapá, Brazil).*

8:20 Leif Brottem*, University of Wisconsin- Madison, *Rediscovering 'terroir' in West African agroforestry parklands.*

8:25 Narciso Barrera Bassols, Dr. *, Centro de Investigaciones en Geografía Ambiental, Universidad Nacional Autónoma de México; Marta Astier, Centro de Investigaciones en Geografía Ambiental, Universidad Autónoma de México; Quetzalcoatl Orozco, MSc, GIRA, A.C., *Local theories about nature as the basis for the defense and maintenance of local maize diversity: A case from central Mexico.*

8:30 Paul Laris*, CSU Long Beach, *An anthropogenic escape route for young trees in the savanna of Mali, West Africa.*

8:35 John H. Kelly*, University of Kansas, *Parajes and PROCEDE: The future of Zapotec sub-community land tenure zones in Oaxaca, Mexico.*

8:40 Antoinette WinklerPrins, Associate Professor*, Michigan State University, *Amazonian Dark Earths and their Implications for the Development of the Region.*

8:45 Matt LaFevor*, The University of Texas at Austin, *An Ecology of Convergence: Volcanic Hazards, Conservation Regimes, and Traditional Resource Use in Xalitlitzintla, Mexico.*

WEDNESDAY, APRIL 16

8:00 AM – 9:40 AM

2100

2112. Geographies of Detention and Confinement I: Masculinity, Femininity, Race, and Rurality (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Lauren Martin, University of Kentucky;
Matthew Mitchelson, University of Georgia

CHAIR(S): Lauren Martin, University of Kentucky

8:00 Anne Bonds*, University of Washington, *"A prison for their greed": Prison development and the restructuring of rural economies and governance.*

8:20 Rashad Shabazz*, UC Santa Cruz; Rashad Shabazz, UC-Santa Cruz, *The Men of the Robert Taylor Housing Projects: Prison Masculinity and Carceral Landscapes on Chicago's Southside.*

8:40 Dominique Moran*, University of Birmingham, *Lipstick, Lace and Longing: Constructions of Femininity within a Russian Prison.*

9:00 Elizabeth A. Brown, Ph.D.*, San Francisco State University, *Not quite child, not quite adult: Political geographies of trying youth as adults.*

9:20 Judith Pallot, Dr*, University of Oxford, UK, *Reproducing Russia's geography of penality.*

2113. Literature and Geography

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christina Kennedy, Northern Arizona University

8:00 Emily Duda*, University of Oklahoma, *Geography, Fan Community and the Austenites.*

8:20 Marc Brosseau, Professor*, University of Ottawa; David Tavares, Phd candidate, University of Ottawa, *Writing Multicultural Toronto: The Polyphonic Narrative of Dionne Brand's What We All Long For.*

8:40 Stacey L Wicker*, Kent State University, *Beercans, Bullets and Bravado: Landscape and Gender in the Writings of Edward Abbey.*

9:00 Kimberly Black*, University of Tennessee, *Teaching Literary Worlds: U.S. Regional Children's Literature and the Education of Youth Services Professionals.*

9:20 Christina B Kennedy, PhD*, Northern Arizona University; Monica Farmer, MA, Northern Arizona University, *120 Years of Changing Southwestern Landscapes and Stories: A Longitudinal Study of Children's Literature..*

2114. The Atlantic Rim: Comparative Issues in North American and European Logistics - Part I (Sponsored by Transportation Geography Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Jean-Paul Rodrigue, Hofstra University; Theo E. Notteboom, ITMMA - University of Antwerp

CHAIR(S): Theo E. Notteboom, ITMMA - University of Antwerp

8:00 Jean-Paul Rodrigue*, Hofstra University; Theo E. Notteboom, ITMMA - University of Antwerp, *The Terminalization of Supply Chains: Impacts on North American Logistics.*

8:20 Theo E. Notteboom*, ITMMA - University of Antwerp; Jean-Paul Rodrigue, Department of Economics & Geography, Hofstra University, NY, *The Terminalization of Supply Chains: Impacts on European Logistics.*

8:40 César Ducruet*, Assistant Professor; Céline Rozenblat, Professor; Pierre-Yves Koenig, PhD, *Analysing the world maritime system : an approach through graph visualization.*

9:00 Claude Comtois*, University of Montreal, *Competitiveness of the Dry Bulk Commodity Logistics: Multimodal Network in the Saint Lawrence Corridor.*

9:20 Chang Qian Guan, Associate Professor*, USMMA; Jean-Paul Rodrigue, Ph.D, Hofstra University, *Hinterland Divergence of Ports along the East Coast of North America.*

2115. Geographies of disability: contesting the boundaries (Sponsored by Disability Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Louise Holt, University of Reading; Elizabeth Mathews, National University of Ireland, Maynooth

CHAIR(S): Elizabeth Mathews, National University of Ireland, Maynooth

8:00 Pamela Moss*, University of Victoria, *Battle Exhaustion as a diagnostic category: Exploring its boundaries through film noir.*

8:20 Louise Holt, PhD*, University of Reading, *Intersections of disability, class, gender and race/ethnicity: embodied social capital and the experiences of young people with mind-body-emotional differences.*

8:40 Edward Hall, Dr. *, University of Dundee, *Generating spaces of inclusion and empowerment for people with learning disabilities.*

9:00 Elizabeth Mathews*, National University of Ireland, Maynooth, *'deaf' or 'Deaf'? : Contesting boundaries between medicine and culture in mainstreamed deaf education in Ireland..*

Discussant(s): Louise Holt, University of Reading

2116. Author Meets the Critics: Paul Robbins' Lawn People

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Julie Guthman, Univ of California Santa Cruz

CHAIR(S): Julie Guthman, Univ of California Santa Cruz

Introducer: Julie Guthman

Panelists: Jill Harrison, University of Wisconsin-Madison; Rebecca Lave, UC Berkeley Geography Department; Julie Guthman, Univ of California Santa Cruz; Becky Mansfield, Ohio State University; Joel D Wainwright, The Ohio State University; Paul Robbins, University of Arizona

2117. Geographic Methods and Models in Archaeological Research

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Phillip Leckman, Department of Anthropology, University of Arizona; Christopher Roos, University Of Arizona

CHAIR(S): Christopher Roos, University Of Arizona

8:00 Phillip O. Leckman, M.A. *, Department of Anthropology, University of Arizona/Statistical Research, Inc., *Prehistoric Community Landscapes of Southern Arizona: a Multidimensional Examination.*

8:20 Christopher I. Roos*, University Of Arizona, *Spatially Explicit Historical Ecology of Fire Regimes, Climate, and Indigenous Occupation in East-Central Arizona.*

8:40 John F. Chamblee, Ph.D. *, University of Georgia; Mark Williams, Ph.D., University of Georgia, *A Falcon's View of Prehistoric Georgia.*

Discussant(s): Gary Christopherson, University of Arizona

WEDNESDAY, APRIL 16**8:00 AM - 9:40 AM****2100****2118. A Postcapitalist Politics, J. K. Gibson-Graham (Sponsored by Geographic Perspectives on Women Specialty Group)**

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Panel Session)
ORGANIZER(S): Deborah Thien, California State University, Long Beach

CHAIR(S): Deborah Thien, California State University, Long Beach

Panelists: Chris Cavanagh, Faculty of Environmental Studies - York University; Julie Graham, University of Massachusetts; Katherine D. Gibson, Australian National University; Stuart C. Aitken, San Diego State University; Wendy Lerner, University of Bristol; Mitch Rose, University of Hull

2119. Experimentation & Engineering: Materialities Between the Processual and the Aleatory I

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Elizabeth Johnson, CUNY Graduate Center; Bruce Braun, University of Minnesota - Minneapolis

CHAIR(S): Bruce Braun, University of Minnesota - Minneapolis

8:00 Matthew Kearnes*, Department of Geography, Durham University, *Atomism and the Political Imaginary: Freedom, Control and the Physical Dispositions of power.*

8:20 Elizabeth Johnson, MA*, CUNY Graduate Center, *"Engineering (in)secure bodies: biological productions of war and the nation-state".*

8:40 Catharina Landstrom*, University of Oxford; Sarah Whatmore, University of Oxford, *Virtual Engineering: the political technologies of flood risk modelling.*

9:00 Erin Yerby, Doctoral Student*, Columbia University, *Engineering as Art: Toward a Rhythmic Concept of Creation.*

Discussant(s): Andrew Barry, Oxford University

2120. Knowledge Industry and the Spaces of the Academy

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christine Oughton, Birkbeck, University of London

8:00 Stevie Upton*, School of City and Regional Planning, Cardiff University, *(Not just) open for business. Redefining the value of university knowledge exchange..*

8:20 Tobias Fridholm*, Uppsala University, *Roads to Success: Creative spaces and the development of skilled academic researchers.*

8:40 Wendy Shaw*, Southern Illinois University Edwardsville, *The Geography of Faculty Salaries at Public IIA Institutions in the United States.*

9:00 Christine Oughton, Professor*, Birkbeck, University of London, *The Role of Human Capital, Proximity and Trust in Facilitating Knowledge Transfer.*

2121. Urban Geography: Urban Processes and Models

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Kaston Reilly, Stanford University

8:00 Yukihiro Suzuoki*, Kent State University, *Human Impacts Study on Cuyahoga Valley National Park using GIS and remote sensing.*

8:20 Shiguo Jiang*, Ohio State University, *Rural-urban land use of Beijing: fractal form and spatial expansion analysis.*

8:40 Tony E. Smith, Ph. D., University of Pennsylvania; Peggy Wu, MS*, University of Pennsylvania, *A Spatial-Temporal Analysis of the Impact of Community Development Corporation Projects on Property Values.*

9:00 Timothy Dolney*, Penn State Altoona, *Design and Implementation of the VERTUS Model as a Planning Tool to Assess Vehicle Emissions in response to Residential Developments..*

9:20 Michael Kaston Reilly*, Stanford University, *Evaluating Models of Urbanization in the Pearl River Delta.*

2123. Land Use and Planning

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Patrick Huber

8:00 Julio Calvo-Alvarado, Instituto Tecnológico de Costa Rica; Blythe McLennan*, University of Alberta; Arturo Sanchez-Azofeifa, University of Alberta; Theresa Garvin, University of Alberta, *Evaluating Payments for Environmental Services (PES) as a sustainable development policy in Guanacaste, Costa Rica.*

8:20 Patrick R. Huber*, UC Davis; Steven E. Greco, UC Davis, *The influence of scale effects on the identification of a potential conservation network.*

8:40 K Bruce Jones*, United States Geological Survey; Timothy G Wade, EPA ORD; E Terrance Slonecker, USGS Geography, *A National Scale Assessment of Riparian Ecosystem Changes: 1972 - 2002.*

9:00 Caitlin S Dyckman, J.D., Ph.D.*, Clemson University; Mickey Lauria, Ph.D., Clemson University, *Conservation Easements' Fiscal Effects on Municipal Taxes and Land Value.*

9:20 Wallace Murray*, Hunter College, CUNY; Jason Nu, Hunter College, CUNY, *Engaging New York City's Cycling Public in the Planning Process: A Survey and GIS Analysis of Bicycle Parking Needs.*

2124. Indigenous Peoples and Protected Areas: Conservation Through Self-Determination (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group, Latin America Specialty Group)

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Stan Stevens, University of Massachusetts

CHAIR(S): Stan Stevens, University of Massachusetts

8:00 Bethany Janna Haalboom*, Duke University, *Global Influences on Local Decisions: the role of transnational networking in shaping indigenous peoples' responses to protected areas in Suriname.*

8:20 Scott A Heyes, Dr*, The University of Melbourne, Faculty of Architecture, Building and Planning, *Arctic Parks: Rethinking the Role of Protected Areas in an Indigenous Context.*

8:40 Brian W. Conz*, University of Massachusetts, Amherst, *Mayan Autonomy through Protected Areas in Western Guatemala: Engaging the Possibilities and Contradictions.*

9:00 Emily T Yeh*, University of Colorado, *Conservation, environmental subject-formation and spaces of cultural assertion in Tibet.*

9:20 Stan Stevens, Associate Professor*, University of Massachusetts, Amherst, *(Post)Colonial Protected Areas as Liberation Ecologies: Self-Determination and Conservation in a Sharwa (Sherpa) Homeland and National Park.*

(see session description on page 27)

WEDNESDAY, APRIL 16

8:00 AM - 9:40 AM

2100

- 2125. Hydroclimatology and/or Disease (Sponsored by Climate Specialty Group)**
Room: *Grand Ballroom Salon J, Marriott, 4th Floor* (Paper Session)
 ORGANIZER(S): Robert E. Davis, University of Virginia
 CHAIR(S): Robert E. Davis, University of Virginia
8:00 Charles E. Konrad, Associate Professor*, University of North Carolina - Chapel Hill, *Relationships between heavy rainfall and tropical cyclones in the Carolina region of the U.S.*
8:20 Gregory J. McCabe*, United States Geological Survey; David Wolock, U.S. Geological Survey, *Effects of Warming on Water Supply in the Colorado River Basin*.
8:40 Andrew C. Comrie*, University of Arizona; Mary Glueck, University of Arizona; Susan Skirvin, University of Arizona; F Scott Pianalto, University of Arizona; Renee Johns, University of Arizona; Patrick Stacy, University of Arizona; James Tamerius, University of Arizona; Stephen R Yool, University of Arizona, *Climate and Surface Disturbance Controls on Valley Fever Incidence*.
9:00 Robert E. Davis*, University of Virginia; David M Hondula, University of Virginia; Luke Sitka, University of Virginia; David Knight, University of Virginia; Steve Gawtry, University of Virginia; Philip J Stenger, University of Virginia; Temple Lee, State University of New York, Albany; Caroline Normile, University of Virginia; Michael Deaton, James Madison University, *Atmospheric Impacts on Severe Respiratory Distress*.
- 2126. Geographers and the NSF Coupled Natural Human Systems and Human Social Dynamics Programs**
Room: *Grand Ballroom Salon K, Marriott, 4th Floor* (Panel Session)
 ORGANIZER(S): David L. McGinnis, Montana State University - Billings
 CHAIR(S): David L. McGinnis, Montana State University - Billings
 Panelists: Thomas J. Baerwald, National Science Foundation; Daniel G. Brown, University of Michigan; David A. Bennett, University of Iowa; Julie Winkler, Michigan State University; Stephanie Pincetl, University of California
- 2127. Hazards, GIS, and Remote Sensing 1: Decision Support and Urban Hazards (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)**
Room: *Nantucket Room, Marriott, 4th Floor* (Paper Session)
 ORGANIZER(S): Rutherford V. Platt, Gettysburg College
 CHAIR(S): Tom Cova, University of Utah
8:00 Brian Tomaszewski*, The Pennsylvania State University, *Contextualizing Crisis Information: A Geo-historical Perspective*.
8:20 Chung Chang*, The Graduate Center, City University of New York, *A Review of GIS Technologies Deployed by the New York City Fire Department during the World Trade Center Operation*.
8:40 Juliana A Maantay, Ph.D., M.U.P.*, Lehman College/ CUNY; Andrew R. Maroko, Lehman College, City University of New York, *Dasymetric Mapping of Urban Population to Analyze Flood Hazard and Environmental Justice in New York City*.
9:00 Elijah Gray Evans*, University of South Carolina, *Modeling Potential Chemical Exposure in the Continental United States*.
9:20 Tom Cova*, University of Utah, *Simulating evacuation shadows*.

- 2128. Current & Future Perspectives on "Place-Name Science": Toponymy (Sponsored by Applied Geography Specialty Group)**
Room: *Provincetown Room, Marriott, 4th Floor* (Panel Session)
 ORGANIZER(S): Randall Flynn, National Geospatial-Intelligence Agency
 CHAIR(S): Randall Flynn, National Geospatial-Intelligence Agency
 Discussant(s): Glen Lauber, NSA Bethesda; Peter Viechnicki, US Board on Geographic Names; Yaïves Ferland, Defence R&D Canada - Valcartier
- 2129. SDSS Development: Learning from Real World Experiences (Sponsored by Geographic Information Science and Systems Specialty Group, Spatial Analysis and Modeling Specialty Group, Applied Geography Specialty Group)**
Room: *Hyannis Room, Marriott, 4th Floor* (Paper Session)
 ORGANIZER(S): Jochen Albrecht, Hunter College CUNY
 CHAIR(S): Jochen Albrecht, Hunter College CUNY
8:00 Brandon B Derman, BA*, Hunter College CUNY; Jochen Albrecht, PhD, Hunter College CUNY; Laxmi Ramasubramanian, PhD, Hunter College CUNY, *A case study of SDSS design in waterborne transportation facility planning*.
8:20 Irene Casas*, SUNY at Buffalo; Robert Garrity, SUNY at Buffalo; Deelesh Mandloi, ESRI; Rakesh Nagi, SUNY at Buffalo; Rajan Batta, SUNY at Buffalo, *A GIS-Community-Based Approach to School Redistricting*.
8:40 Piyushimita (Vonu) Thakuria*, University of Illinois - Chicago; P.S. Sriraj, University of Illinois at Chicago; Paul Metaxatos, University of Illinois at Chicago; Tanushri Swarup, University of Illinois at Chicago; Inshu Minocha, Wilbur Smith, *Economic and Social Urban Indicators: A Spatial Decision Support System for Chicago Area Transportation Planning*.
9:00 Raj Singh*, Open Geospatial Consortium; David Arctur, OGC Interoperability Institute, *Technology and Policy for Spatial Data Infrastructures*.
 Discussant(s): Jochen Albrecht, Hunter College CUNY
- 2130. Remote Sensing Applications in Grassland Ecosystems (Sponsored by Remote Sensing Specialty Group)**
Room: *Orleans Room, Marriott, 4th Floor* (Interactive Short Paper Session)
 ORGANIZER(S): Kelley J. O'Neal, University of Maryland; Michael Hill, University of North Dakota
 CHAIR(S): Kelley J. O'Neal, University of Maryland
8:00 Robert A Chastain*, Oak Ridge Institute for Science and Education, *Development of Grassland Mapping Methods in Fort Lewis, Washington, USA*.
8:05 Stephen Hagen, Ph.D.*, Applied Geosolutions, LLC; Philip Heilman, Ph.D., USDA-ARS; Gerardo Armendariz, USDA-ARS; Robin Marsett, RANGES, LLC; William A. Salas, Ph.D., Applied Geosolutions, LLC; Jaiguo Qi, Ph.D., Michigan State University, *Developing a Web-based Rangeland Decision Support System for the Western US*.
8:10 Bilal Butt*, University of Wisconsin - Madison, *Spatio-temporal variability of Maasai pastoral cattle activities on vegetation in Southern Kenya*.
8:15 Amine Merzouki*, Faculty of Forestry and Environmental Management, P.O. Box 44555, 28 Dineen Drive, University of New Brunswick, Fredericton, New Brunswick, Canada, E3B 6C2; Brigitte Leblon, Faculty of Forestry and Environmental Management, P.O. Box 44555, 28 Dineen Drive, University of New Brunswick, Fredericton, New Brunswick, Canada,

WEDNESDAY, APRIL 16**8:00 AM - 9:40 AM****2100**

E3B 6C2, *Using Modis spectral indices and spatial autocorrelations techniques for estimating fire danger codes in Western Canada Grasslands.*

8:20 Kelley J. O'Neal*, University of Maryland, *Burned Area Mapping in Semi-arid Grasslands of the Southwestern United States Using MODIS Data.*

Discussant(s): Michaela Buenemann, University of Arizona; Michael Hill, University of North Dakota

2131. Graduate Student Papers in Tourism Studies I (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Sanjay K Nepal, Texas A&M University

CHAIR(S): Sanjay K Nepal, Texas A&M University

8:00 Jillian M. Rickly*, Indiana University, *Authenticity and the Symbolic Tourist Landscape: Spring Mill Pioneer Village.*

8:20 Sangsan Phumsathan*, *Tourism in National Parks in Thailand.*

8:40 Fengyuan Xie*, Dalian University of Technology; Sanjay K. Nepal, Texas A&M University, *Tourism-induced economic changes around national parks: A case study of Zhang Jia Jie National Park, Hunan Province, China.*

9:00 Julia Belknap*, Texas A&M University, *Can a change in conservation knowledge shift scuba divers' environmental value orientation?.*

9:20 Joomi Lee, Graduate*, University of Texas at Austin, *Riad Phenomenon: Tourism development and the changing medina property market in Morocco.*

2133. In the Wake of a Storm: Geographies of Katrina and Post-Katrina New Orleans (Sponsored by Urban Geography Specialty Group)

Room: Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Scott Bell, Brown University; Xun Shi, Dartmouth College

CHAIR(S): Scott Bell, Brown University

8:00 Emma Gaalaas Mullaney*, Miami University, *The Bayou's Edge: Ecology, Economy, and Revolutionary Democracy in Post-Katrina New Orleans.*

8:20 Amy Kracker Selzer*, Brown University; Scott Bell, Brown University, University of Saskatchewan; William Kern, Brown University, *Examining the Environmental Justice Framework in the Context of Post-Katrina New Orleans.*

8:40 William A. Kern*, Brown University; Scott Bell, Brown University, University of Saskatchewan; Amy Kracker Selzer, Brown University, *Soil Toxicity in Post-Katrina New Orleans.*

9:00 Rebecca Sheehan, PhD*, Oklahoma State University, *"I'm protective of this yard": Homelessness and Making "Home" in New Orleans' Public Spaces.*

2134. Shifting patterns of illicit crop cultivation (Sponsored by Spatial Analysis and Modeling Specialty Group, Rural Geography Specialty Group, Historical Geography Specialty Group)

Room: Maine Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Allison Brown, Hort Department, UMass Amherst

CHAIR(S): Allison Brown, Hort Department, UMass Amherst

Panelists: Joseph P. Messina, Michigan State University; Michael K. Steinberg, University of Alabama; Allison Brown, Hort Department, UMass Amherst; Christine M.

Rodrigue, California State University - Long Beach;

Andrew Millington, Texas A&M University; Richard

A. Crooker, Kutztown University

2135. Authors Meet Critics: 'Flagging Patriotism' by Ella Shohat and Robert Stam (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)

Room: New Hampshire Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Emily Gilbert, University Of Toronto

CHAIR(S): Emily Gilbert, University Of Toronto

Introducer: Emily Gilbert

Panelists: Caren Kaplan, University of California, Davis;

Melissa W. Wright, Penn State University; Amy

Kaplan, University of Pennsylvania; Neil Smith, City

University Of New York; Ella Shohat, New York

University; Robert Stam, New York University

2136. Researching Practice in the Space Economy: Possibilities and Limitations I (Sponsored by Economic Geography Specialty Group)

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Andrew Jones, Birkbeck, University Of London; Jim Murphy, Clark University

CHAIR(S): Andrew Jones, Birkbeck, University Of London

8:00 James T. Murphy*, Clark University, *Studying practice: Ontological, epistemological, and methodological reflections.*

8:20 Andrew Jones*, Birkbeck, University Of London, *The Limits to Theories of Economic Practice.*

8:40 James Faulconbridge*, Lancaster University, *Space, time and practice in organizational analyses.*

9:00 Sharmistha Bagchi-Sen*, SUNY-Buffalo; Helen Lawton Smith*, Birkbeck University of London, *Conceptual and Methodological Challenges in Researching University Level Practices for Regional Development.*

9:20 Oliver Ibert*, Department of Geography, University of Bonn, *Geographies of knowledge creation and innovation: Relational distance as divergent time-spatial practices.*

2137. New Directions in Urban Theory I: Theoretical Groundings (Sponsored by Urban Geography Specialty Group)

Room: Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Simon Parker, University Of York, UK

CHAIR(S): Simon Parker, University Of York, UK

8:00 Simon F Parker*, University Of York, UK, *Cities, Power and Knowledge: A discursive materialist approach to rethinking the urban question.*

8:20 Talja Blokland*, *A relational approach to urban inequality: connecting relational sociology and urban studies.*

8:40 William Sites*, University of Chicago, *City in Space: Urban Theory and Methodological Innovation.*

Discussant(s): Bob Catterall

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2138. Geographies of Rhythm 1**Room:** *St. George A, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Tim Edensor, Manchester Metropolitan University

CHAIR(S): Tim Edensor, Manchester Metropolitan University

8:00 Dydia DeLyser*, Louisiana State University, *"The engine sang an even song." Rhythm and mobilities among early women aviators..***8:20** Richard Hornsey*, University of the West of England, Bristol, UK., *The Map as a Musical Score: fantasies of temporal management and resistance in 1930s London.***8:40** James Evans*, University of Manchester, *Understanding the Catastrophe: An Exploration of Rhythm and Disturbance.***9:00** Craig Meadows*, York University, *"I'm in a park and I'm practically dead": Insomnia and Withnail and I.***9:20** Maie Gerardot*, Ens Ulm, *Understanding metropolises through rhythm, with the touristic rhythmanalysis of the Paris metropolis as an example..***2139. Geographies of Genetic Pollution 1: Agricultural Biotechnology, the Life Sciences Industries, Social Resistance (Sponsored by Cultural and Political Ecology Specialty Group)****Room:** *St. George B, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Dustin Mulvaney, University Of California - Santa Cruz

CHAIR(S): Dustin Mulvaney, University Of California - Santa Cruz

Introducer: Dustin Mulvaney

8:10 Elisabeth Abergel, Associate Professor*, York University, *Legal Disputes as Terrains of Conflict over Genetic Contamination: Risks and/or Opportunities for Resistance?.***8:30** Quetzalcoatl Orozco-Ramirez*, GIRA A. C.; Narciso Barrera-Bassols, UNAM; Marta Astier, UNAM, *The risk of contamination of local maize varieties from GM maize through introduction into the food supply. The case of Lake Patzcuaro basin, Mexico..***8:50** Dustin Mulvaney*, University Of California - Santa Cruz, *Geographies of genetic pollution: social movements, salmon, and rice in California.***9:10** Sheldon Krinsky*, Tufts University Department of Urban and Environmental Policy and Planning, *Genetically Modified Pharmacrops - Evolving Regulatory Frameworks and Issues on Both Sides of the Atlantic.***2140. The Changing Geographies of Japan I: Population, Cities and Industries (Sponsored by Urban Geography Specialty Group, Asian Geography Specialty Group)****Room:** *St. George C, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): David W. Edgington, University Of British Columbia

CHAIR(S): David W. Edgington, University Of British Columbia

8:00 Shii Okuno*, University of Kentucky, *Trend of depopulation and issues for local governance in Japan.***8:20** Asato Saito*, National University of Singapore, *Metropolitan governance of Tokyo: in search of cohesion out of social/economic fragmentation.***8:40** David W. Edgington*, University Of British Columbia, *Innovation Policy and Cluster Developments in Japanese Regions.*

Discussant(s): Timothy W. Reiffenstein, Mount Allison University

2141. Geographies of Media I: Producing Media, Producing Place (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)**Room:** *St. George D, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Jason Dittmer, University College London; Chris Lukinbeal, Arizona State University

CHAIR(S): John Finn, Arizona State University

8:00 Thomas A. Wikle*, Oklahoma State; Jonathan C. Comer, Oklahoma State, *The Fight for Low Powered FM Radio in the U.S..***8:20** Elena dell'Agnese, prof.*, Università di Milano-Bicocca, *A Tale of Two Cities: the Geography of Media Production in Contemporary Italy.***8:40** Brent J. Piepergerdes*, University of Kansas, *To Laugh or Cry?: Commedia all'italiana and the Critique of Cultural Change brought on by the Italian Economic Miracle..***9:00** Ann M Fletchall*, Arizona State University, *"The 'Real' Orange County": The Creation of a Popular Image.***9:20** Stefan Zimmermann*, University of Mainz, Germany, *Hollywood's Orient - Geographic film-readings as entrance to another world.***2142. Trends and Issues in Today's College/University Geography Classrooms****Room:** *Essex North-West, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wendy Miller

8:00 Peter Li*, Tennessee Technological University, *Global Awareness - Where is Iraq?.***8:20** Susan Vajoczki*, McMaster University; Mary Louise Byrne, Wilfrid Laurier University, *Good Practices for Effective Teaching Evaluation in Higher Education.***8:40** Jennifer J. Johnson*, Ferris State University, *The Use of the Mock Trial in Human-Induced Climate Change Education.***9:00** Michael Andrew Kukral, Associate Professor*, Rose-Hulman Inst Of Tech, *Taking Students Abroad from the Ground Up.***9:20** Wendy Miller, Ph.D.*, SUNY Cortland, *Using GIS across the Curriculum in Higher Education.***2143. Variations in Regional Technology Trajectories I - Knowledge Flows and Spillovers (Sponsored by Economic Geography Specialty Group, Regional Development and Planning Specialty Group)****Room:** *Essex North-East, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Dieter Franz Kogler, University of Toronto; David L. Rigby, Univ of California

CHAIR(S): David L. Rigby, Univ of California

8:00 Breandan O hUallachain*, Arizona State University, *Technological Specialization and Patenting Rates in U.S. Metropolitan Areas.***8:20** Deborah Strumsky, Professor*, University of North Carolina-Charlotte, *The Effect of Metropolitan Inventiveness on Metropolitan Productivity.***8:40** Dieter Franz Kogler*, University of Toronto, *Spatial Dynamics of Knowledge Flows and Spillovers in the Evolution of Regional Technology Trajectories.***9:00** Lee Fleming*, Harvard University; Jasjit Singh, INSEAD; Matt Marx, Harvard University, *Regional Disadvantage: Non-Competes, Brain Drain and Knowledge Exploitation.*

Discussant(s): Michael Storper, London School of Economics

WEDNESDAY, APRIL 16**8:00 AM - 9:40 AM****2100****2144. State Policy, Community, and Transformative Space in Urban China (Sponsored by Urban Geography Specialty Group, China Specialty Group)***Room: Essex North-Center, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Mi Shih, Rutgers University; Leslie Shieh, University of British Columbia

CHAIR(S): Mi Shih, Rutgers University

8:00 Guilan Weng*, University of Washington, *Property Rights in Transition: Implications for Urban Housing in China.***8:20** Leslie Shieh*, University of British Columbia, *Strengthening Neighborhood Governance: Community Construction in Contemporary China.***8:40** Carolyn Cartier*, University of Southern California; Wing Shing Tang, Hong Kong Baptist University, *Public Space and the Chinese City.***9:00** Mi Shih*, Rutgers University, *The Changing Discourses of Regulations on Residential Relocation: The Turn to Market-Rationality in Urban Governance.*

Discussant(s): Alana Boland, University of Toronto

2145. Moving Spaces: People, Commodities, and Information*Room: Staffordshire, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Darrell A. Norris, SUNY - Geneseo

8:00 Gordon Wilmsmeier*, Napier University, *User perception of price differentiation in Ferry services.***8:20** Melanie Schleeter McCalmont*, University of Wisconsin-Madison, *Geography and Nanotechnology.***8:40** John Bowen*, University of Wisconsin-Oshkosh, *Moving Places: The Geography of Warehousing in the US.***9:00** Darrell A. Norris*, SUNY - Geneseo, *Myspace.com demographics in Developing World settings.***2146. Consequences of Out-Migration for Rural Origin Areas (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Population Specialty Group)***Room: Parliament Room #1, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Clark Gray, University of North Carolina - Chapel Hill

CHAIR(S): Clark Gray, University of North Carolina - Chapel Hill

8:00 Birgit I Schmook*, ECOSUR - El Colegio De La Frontera Sur; Claudia A. Radel*, Utah State University, *Globalizing households and an emerging forest transition: the southern Yucatan case.***8:20** Carlos A. Rincon-Mautner, Ph.D., D.V.M.*, Vice-president for Research, Archaeological Research, Inc., *Forging a Transnational Labor Force: Traditional Village Life and the Nature, Character and Implications of the Mixtecan Diaspora..***8:40** Jessica J. Kelly*, Rutgers University, *Forest recoveries in rural El Salvador and the role of gender in forest transitions.***9:00** Clark L. Gray*, University of North Carolina - Chapel Hill, *Contradictory Effects of Rural Out-Migration on Smallholder Agriculture in the Southern Ecuadorian Andes.***9:20** Bryan R. Bushley*, East-West Center & University of Hawaii, *Impacts of the Rural Transition on Common Property Institutions: A South Asian Perspective.***2147. Marine Geomorphology as a Determinant for Essential Life Habitat I: An Ecosystem Management Approach to Planning for Marine Reserve Networks (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Coastal and Marine Specialty Group)***Room: Empire Room #6, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Dawn J. Wright, Oregon State University; William Heyman, Texas A&M University

CHAIR(S): William Heyman, Texas A&M University

Introducer: William Heyman

8:01 William Heyman, Ph.D.*, Texas A&M University, *Building a marine reserve network in Belize based on spatio-temporal patterns of reef fish spawning aggregations.***8:20** Shinichi Kobara*, Texas A&M University; William D. Heyman, Texas A&M University, *Geomorphic analysis of spawning aggregation sites in Belize and the Cayman Islands.***8:40** Arthur C. R. Gleason*, University of Miami / RSMAS; G. Todd Kellison, NOAA Fisheries, Southeast Fisheries Science Center; R. Pamela Reid, University of Miami / RSMAS, *Geomorphology of grouper and snapper spawning aggregation sites in the Upper Florida Keys, USA.***9:00** Douglas T. Fischer, Ph.D.*, California State University, Northridge; Louis W. Botsford, Ph.D., University of California, Davis; David M. Kaplan, Ph.D., University of California, Santa Cruz; John Largier, Ph.D., Bodega Marine Laboratory; J. Wilson White, Ph.D., University of California, Davis, *Modeling Larval Dispersion for Marine Reserve Selection.***9:20** Andrew D. Heap*, Geoscience Australia; Tanya Whiteway, Geoscience Australia; Vanessa Lucieer, University of Tasmania; Scott L. Nichol, Geoscience Australia, *Using 'seascapes' to help predict Australia's benthic marine habitat diversity in the development of a national system of marine protected areas.***2148. Geomorphology Specialty Group Graduate Student Paper Competition I (Sponsored by Geomorphology Specialty Group)***Room: North Star Room #10, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Scott Lecce, East Carolina University

CHAIR(S): Scott Lecce, East Carolina University

8:00 Adriana E. Martinez*, Texas A&M University, *Sediment Dynamics of an Impounded River: Yegua Creek, Texas.***8:20** Nira Salant*, University of British Columbia; Marwan Hassan, University of British Columbia, *'Sticky business': the influence of surface periphyton on particle deposition and streambed hydraulics.***8:40** Gwenda J Schlomer*, Missouri State University, *Sedimentological and Geochemical Indicators of the Presettlement Boundary in Overbank Floodplain Deposits of the Little Buffalo-Dutch Buffalo River System, North Carolina.***2149. Feminine, Masculine, and Queer Identities in Rural Space I (Sponsored by Sexuality and Space Specialty Group, Rural Geography Specialty Group, Cultural Geography Specialty Group)***Room: Defender Room #5, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): W. Scott Whitlock, University of Arizona; Brandon Haddock

CHAIR(S): W. Scott Whitlock, University of Arizona

8:00 Brandon H Haddock, M.S. Geospatial Science*, Kansas State University, *Rough and Ready: The Gay Male Image in Rural America.*

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8:20 W. Scott Whitlock*, University of Arizona, *Small Town Gay Bars and the Affinite Gap*.

8:40 Sarah L. Holloway, Dr.*, Loughborough University; Mark Jayne, Dr, University of Manchester; Gill Valentine, Prof., University of Leeds, *Drinking places: masculinities, femininities and alcohol consumption in rural communities*.

9:00 Mathias Detamore*, University of Kentucky, *(De)Constructing Homophobia: Rurality and Queerness in Central Appalachia*.

Discussant(s): Jo Little, University Of Exeter, Dept. Of

2150. Governing the environment I: Production of democratic landscapes (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)

Room: Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan

CHAIR(S): Pamela D. McElwee, Arizona State University

8:00 Brent McCusker*, West Virginia University; Joseph Hodge, West Virginia University, *Local Democracy, Contested Authority and Differential Development in Limpopo, South Africa*.

8:15 Kundan Kumar*, Michigan State University, *Democratic Assertions: Exclusions, Historical Injustices and the Making of India's Forest Rights Act*.

8:30 Gabriela Valdivia*, University of North Carolina, Chapel Hill and School of Natural Resources and Environment, University of Michigan, *Resource Governance and the Question of 'Best Use': Land Reform in Santa Cruz, Bolivia*.

8:45 Joseph H. Bryan, Ph.D.*, UNC Chapel Hill, *Walking the Line: Property and Indigenous Rights in La Mosquitia, Honduras*.

9:00 Andrew Curley*, Diné Policy Institute, Diné College, *Environmental Politics and Civil-Society on the Navajo Nation*.

Discussant(s): Dianne E. Rocheleau, Clark University

2151. Teaching Latin American Geography (Sponsored by Latin America Specialty Group)

Room: Great Republic #7, Westin, 7th Floor (Panel Session)

ORGANIZER(S): Edward L. Jackiewicz, California State University - Northridge; Fernando J. Bosco, San Diego State University

CHAIR(S): Edward L. Jackiewicz, California State University - Northridge

Panelists: J. Christopher Brown, University of Kansas; Fernando J. Bosco, San Diego State University; Thomas Klak, Miami University of Ohio; Larry R. Ford, San Diego State University; Edward L. Jackiewicz, California State University - Northridge

2155. Methods and Techniques in Spatial Analysis and GIS

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Cort J. Willmott, University of Delaware

8:00 Serge Rey, San Diego State University; Xinyue Ye*, San Diego State University and University of California-Santa Barbara, *Dynamic Pseudo Weighted Voronoi: Integrating Cartogram and Voronoi Diagrams*.

8:20 Keith A French*, The University of Kansas; Xingong Li, The University of Kansas, *Cartographic modeling in the vector data model*.

8:40 Daoqin Tong*, Dept of Geography and Regional Development, University of Arizona, *A New Approach for Coverage Modeling*.

9:00 Woo S. Jang*, *Spatial Mismatch Between Jobs and Housing: In Case of Atlanta Metropolitan Area*.

9:20 Cort J. Willmott*, University of Delaware; Kenji Matsuura, University of Delaware, *Ambiguities Inherent in Sums-of-Squares-Based Statistics*.

2156. Diverse Economies 4: Practices in "Sustainable Development" (Sponsored by Economic Geography Specialty Group, Rural Geography Specialty Group)

Room: Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Ann Myatt James

CHAIR(S): Ann Myatt James

Introducer: Ann Myatt James

8:02 Michelle A Carnegie*, The Australian National University, *Sustainable Development in Rural, Peripheral Places in the Global South: Recognising the Role of the Diverse Economy*.

8:20 Ted White*, University of Massachusetts Amherst, *Open Space Preservation, Economic Development and Community Building at a Community Farm in Massachusetts*.

8:38 Amanda Cahill*, Australian National University, *Power Play: The Political Implications of a Diverse Economies Approach to Rural Livelihood Development*.

8:56 Ann Myatt James*, Penn State University, *Rethinking Food Policies to Consider Diversity? Examining the Role of Diverse Economic Practices in Promoting Food Security*.

Discussant(s): Stephen Healy, Miami University

2157. Geographies of Brands and Branding I - Goods and Services

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Andy Pike, CURDS, Newcastle University

CHAIR(S): Andy Pike, CURDS, Newcastle University

8:00 Neil Ward*, Newcastle University; Peter Jackson, University of Sheffield; Polly Russell, British Library, *Brand Narratives, Geography and Biography: A Life-History Approach to Brands-in-the-Making*.

8:20 Andy Pike*, CURDS, Newcastle University, *Geographies of brands and branding*.

8:40 Atle Hauge*, University of Toronto, *Sports equipment; mixing performance with brands - the role of the consumers*.

9:00 Ulrich Ermann*, Institute for Regional Geography, *Building Brands and Buying Brands: Fashion Brands in Bulgaria as an Example for the Performative Geographies of Producer-Consumer Relations*.

9:20 Corinne Nativel, Dr*, University of Franche-Comté, France; James Faulconbridge, Dr, Lancaster University, UK; Peter Taylor, Prof., Loughborough University, UK, *Solutions for a Small Planet? Geographies of Brand Advertising in the Global Marketplace*.

WEDNESDAY, APRIL 16**8:00 AM - 9:40 AM****2100****2158. Sustainable Development***Room: Beacon E, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Hubert B. Stroud, Arkansas State University

8:00 William M Van Lopik, Ph.D*, College of Menominee Nation, *The Geography of Sustainable Development from the Bottom Up.*

8:20 Christian Albert*, Institute for Environmental Planning, Leibniz University of Hannover, Germany, *Participation in Scenario-Based Studies for Sustainable Land Development.*

8:40 James Vaughan*, Texas State University-San Marcos, *Imperiled Sustainability? A Tale of Growth and Planning in Two Texas Cities.*

9:00 Stephen C. Martin, M.A.*, University of Arizona, *Towards a typology of conservation subdivisions in the United States.*

9:20 Hubert B. Stroud*, Arkansas State University; Thomas O. Graff, University of Arkansas, *South Florida's Amenity-based Subdivisions Impact Natural Resources.*

2159. When Water Demands Cross Political Boundaries*Room: Beacon F, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Coleen Fox, Dartmouth College

8:00 Patrick R. MacQuarrie*, Oregon State University, *Cooperation in the Mekong Region: water conflict prevention, regional collaboration, and institutional capacity.*

8:20 Biniam Iyob*, Student, *Equitable Distribution of Benefits in Transboundary Waters: The Nile and Columbia River Basins.*

8:40 Pooja Puar*, Ph.D, *Threats to Keoladeo Wetlands, Rajasthan (India).*

9:00 Michael Pease*, Southern Illinois University, *Regional Preferences to Approaches to Reallocate Water Resources.*

9:20 Coleen A. Fox, Ph.D*, Dartmouth College, *A Feminist Geopolitical Perspective on Global Water Policies and Development.*

2160. Supporting Women In Geography (Sponsored by Geographic Perspectives on Women Specialty Group, Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))*Room: Beacon G, Sheraton, 3rd Floor (Panel Session)*

ORGANIZER(S): Marina Viola, Pennsylvania State University; Beth Bee, Pennsylvania State University

CHAIR(S): Beth Bee, Pennsylvania State University

Panelists: Dawn Biehler; Jennifer L. Fluri, Dartmouth College; Yolonda Youngs, Arizona State University; Jennifer Mapes, University of Southern California; Amy Trauger, Penn State University; Emily Murai, University of Minnesota - Minneapolis; Bonnie Kaserman, University Of British Columbia; Melinda Alexander, Arizona State University

2161. Geographies of Play I: Theorising / unsettling geographies of play*Room: Beacon H, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Bethan Evans; Steve Millington, Manchester Metropolitan University

CHAIR(S): Steve Millington, Manchester Metropolitan University

8:00 Jon Binnie, Dr, Manchester Metropolitan University; Bethan Evans, Dr*, Manchester Metropolitan University; Julian Holloway, Dr, Manchester Metropolitan University; Steve Millington, Dr, Manchester Metropolitan University, *Playing with theory: interdisciplinary approaches to geographies of play.*

8:20 Mark Jayne*, University of Manchester; Mark Jayne, Dr, University of Manchester, *Drinking as play: geographies of fun, foolishness, competition, tension and desire.*

8:40 John Horton*, The University of Northampton; Peter Kraftl, University of Leicester, *Mapping fun: complex, everyday geographies of children's outdoor play.*

9:00 Tiffany K. Muller*, University Of Minnesota, *Theorising the cultural politics of professional play spaces.*

2162. Alternative & Competing Cultural Economies: Moving Beyond Cultural Tourism and the "Creative Class" (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)*Room: Kent, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Myrna Breitbart, Hampshire College

CHAIR(S): Myrna Breitbart, Hampshire College

8:00 Miriam Chion*, Clark University, *The cultural production of restaurants: The case of San Francisco's inner city neighborhoods.*

8:20 Scott Salmon*, New School University, *'Extreme' Tourism as Sustainable Development? The Case of Rio de Janeiro's Favela Tours.*

8:40 Ava Bromberg*, UCLA Urban Planning, *By what measure, creative?: Lessons from critical spatial art practices for reframing the Creative Cities discourse.*

9:00 Alison L. Bain*, York University, *Fostering alternative cultural economies: the Surrey Art Gallery.*

Discussant(s): Myrna Breitbart, Hampshire College

2163. Immigration, integration and settlement: US and international perspectives (Sponsored by Ethnic Geography Specialty Group)*Room: Jefferson, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Wei Li, Arizona State University; Carlos Teixeira, University of British Columbia Okanagan

CHAIR(S): James Forrest, Macquarie University

8:00 Dorris Scott*, Kent State University, *Made in Brazil, Consumed in Japan: A Look at the Consumption Places of Japanese-Brazilian Immigrants and how they Relate to Identity and Space.*

8:20 Lily Y Huang*, Vassar College, *The Politics of an Urban Enclave: Gentrification and Activism in Boston's Chinatown.*

8:40 Peter Mandarino*, University of Ottawa, *Experiences of 'work' among generations of Italian men in Toronto.*

9:00 Jennifer J. Helzer*, California State University, *Italian Themes and Ethnic Branding: A Comparison of California and Australia.*

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9:20 James Forrest, PhD*, Macquarie University, *Enclaves and Ethnoblurbs: New patterns of 'dispersed concentration' in Sydney, Australia's foremost immigrant-receiving city..*

2168. Applications of Fuzzy Sets and Systems in Geography (2) (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Room: Conference Room 1, Sheraton, 5th Floor (Paper Session)

ORGANIZER(S): Liem Tran, University of Tennessee at

Knoxville; Ola Ahlqvist, The Ohio State University

CHAIR(S): Ola Ahlqvist, The Ohio State University

8:00 Suzana Dragicevic*, Simon Fraser University, *Fuzzification of Space and Time: Simulation Modeling of Invasive Species Propagation.*

8:20 James E. Burt*, University of Wisconsin - Madison; A-Xing Zhu, University of Wisconsin-Madison; Cynthia A. Stiles, University of Wisconsin-Madison; Don Fehrenbacher, Wisconsin USDA/NRCS; Carl Wacker, Wisconsin USDA/NRCS; Chanc Vogel, Wisconsin USDA/NRCS, *Soil Property Prediction Using Statistical and Fuzzy Expert-Knowledge Models.*

8:40 A-Xing Zhu*, Univ of Wisconsin; James E. Burt, University of Wisconsin-Madison; Rongxun Wang, University of Wisconsin-Madison; Lin Yang, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, *Is Fuzzy Better?*

9:00 Liem Tran*, University of Tennessee at Knoxville; Robert O'Neill, T N & Associates, Oak Ridge, Tennessee, *Regional Environmental Vulnerability Assessment with Fuzzy Sets and Multi-Objective Optimization - A Case Study of the Mid-Atlantic Region, U.S.A..*

2169. Third way urban policy: Land and property markets, instruments and regulation I: urban regeneration and planning (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Conference Room 6, Sheraton, 5th Floor (Paper Session)

ORGANIZER(S): Tuna Tasan-Kok, TUDelft; Guy Baeten

CHAIR(S): Guy Baeten

8:00 Mark Boyle*, National University of Ireland Maynooth; Robert Kitchin, National University Of Ireland, *Between Boston and Berlin : Encounters between European Social Welfare and American Neoliberalism.*

8:15 Tuna Tasan-Kok*, Delft University of Technology, OTB Research Institute; Willem Korthals Altes, Delft University of Technology, OTB Reserach Institute, *Single European Market regulations and local land development dynamics in third way urban regeneration.*

8:30 Guy Baeten*, *Normalising neo-liberal planning : the case of Malmo, Sweden.*

8:45 Katia Attuyer*, Trinity College Dublin, Dublin, *Neighbourhood renewal, towards a neoliberal approach? A comparison of policies in France and Ireland..*

9:00 Luca Ruggiero*, University of Catania, Italy, *Urban Elites and the Production of Urban Space in the Bicocca District of Milan.*

Introducer: Guy Baeten

Discussant(s): Erik Swyngedouw, University of Manchester

10:10 AM - 11:50 AM

2202. Author Meets Critics: 'Military Workfare' by Deborah Cowen (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Political Geography Specialty Group)

Room: Clarendon Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Emily Gilbert, University Of Toronto

CHAIR(S): Emily Gilbert, University Of Toronto

Introducer: Emily Gilbert

Panelists: Ella Shohat, New York University; Stephen Graham, Durham University; Rianne Mahon, Carleton University; Anna J Secor, University of Kentucky; Wendy Lerner, University of Bristol; Deborah Cowen, University of Toronto

2203. Developing GIScience and Geographic Analysis Programs at Universities which do not have Geography Departments

Room: Dartmouth Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Scott Bell, Brown University; Peter Bol,

Harvard University; Douglas Richardson, AAG

Executive Director

CHAIR(S): Douglas Richardson, AAG Executive Director

Panelists: Peter Bol, Harvard University; Daniel G. Brown, University of Michigan; Karen C. Seto, Stanford University; Scott Bell, Brown University; John Logan, Brown University; Robert S. Chen, CIESIN/Columbia University; Douglas Richardson, AAG Executive Director

2204. European identities II: Analyzing representations of difference and identity (Sponsored by European Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Exeter Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Patricia Ehrkamp, University of Kentucky

CHAIR(S): Kara Dempsey, University of Wisconsin-Madison

10:10 Kara E Dempsey*, University of Wisconsin-Madison, *Architecture, Symbol and Identity: Spanish Monuments, Museums and Galicia's 'Cidade da Cultura' as a Regional Representation.*

10:30 Gunter Thieme*, University of Cologne, Germany and *Its Immigrants - an Uneasy Relationship. The Mosque Controversy in Cologne.*

10:50 Craig Young, Dr*, Manchester Metropolitan Univer; Duncan Light, Dr, Liverpool Hope University, UK, *Representations of post-accession migration and migrants and notions of the 'new Europe'.*

11:10 Gregory Ioffe*, Radford University, *Clash of civilizations internalized or is Belarus a cleft country?.*

Discussant(s): Pauliina Raento, University of Helsinki

2205. Advances in Paleoclimatology II (Sponsored by Biogeography Specialty Group, Cryosphere Specialty Group, Paleoenvironmental Change Specialty Group)

Room: Fairfield Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kevin John Anchukaitis, Columbia University; Bryan Shuman, University of Wyoming

CHAIR(S): Kurt F. Kipfmüller, University of Minnesota

10:10 Catherine H. Yansa*, Michigan State University; Thomas W. Stafford, Stafford Research Laboratories, Inc.; David T. Long, Michigan State University, *Improving the accuracy of radiocarbon chronologies from lake-sediment cores: Testing for the 14C reservoir effect in aquatic macrophytes.*

WEDNESDAY, APRIL 16**10:10 AM - 11:50 AM****2200**

10:30 Matthew Charles Peros*, University of Ottawa; Konrad Gajewski, University of Ottawa, *Holocene climate cyclicity recorded in productivity indicators from a small Arctic lake.*

10:50 Kevin M Spigel, Ph.D.*, Mercer University; Samantha W. Kaplan, Ph.D., University of Wisconsin-Stevens Point, *A Regional Investigation of Rapid Climate Change Events and Climate-Vegetation-Wildfire Dynamics Recorded in Lake Sediments from Northern and Central Wisconsin.*

11:10 Colin Long*, University of Wisconsin Oshkosh; Alisa Hass, University of Tennessee, *Multi-site Holocene-scale fire history from the central Cascades Range, Oregon.*

11:30 John W. Williams*, University Of Wisconsin - Madison; Bryan N Shuman, University of Wyoming; Patrick J Bartlein, University of Oregon; Noah Diffenbaugh, Purdue University, *Abrupt but Non-Synchronous Responses to Early Holocene Mid-Continental Drying in North America.*

2206. Writing Successfully for the Journal of Geography in Higher Education (Sponsored by Geography Education Specialty Group)

Room: Harvard Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Robert S. Bednarz, Texas A&M University
 CHAIR(S): Robert S. Bednarz, Texas A&M University
 Introducer: Robert S. Bednarz
 Panelists: Mick Healey, University of Gloucestershire; Kenneth E. Foote, University of Colorado; Robert S. Bednarz, Texas A&M University; Sarah Witham Bednarz, Texas A&M University; Derek France, University of Chester

2207. How to study post-Soviet space II: issues of transition across regions and states (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: Brandeis Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Megan Dixon, University of Oregon; Jessica K. Graybill, Colgate University
 CHAIR(S): Robert Ian Duncan, University of Washington
 Panelists: Jessica K. Graybill, Colgate University; Shannon O'Lear, University Of Kansas Geography Department; Sam Schueth, University of Minnesota; Megan Dixon, University of Oregon; Peter Kabachnik, Rutgers University; Joanna Regulska, Rutgers University; Robert Begg, Indiana University Of Pennsylvania

2208. Exploring the New Spatial Patterns of Economic Diversification and Restructuring in Europe and Canada (Sponsored by Canadian Studies Specialty Group)

Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Susan Lucas, Edinboro University of Pennsylvania; Alfred Hecht, Wilfrid Laurier Univ
 CHAIR(S): Susan Lucas, Edinboro University of Pennsylvania
 Introducer: Susan Lucas
10:20 Igor V. Pilipenko*, Lomonosov Moscow State University, *Cluster policy in Russia: on the way to economic diversification?*
10:40 Elena Marilena Porumb*, BBU Cluj Napoca, *Social Capital and Socio Economic Development, the case of Romania's Northwest and Southeast.*
11:00 Gerhard O. Braun*, Free University of Berlin, *New Spatial Pattern as an Effect of Globalisation: The Economic and Spatial Restructuring in Germany.*
11:20 Alfred Hecht*, Viessmann European Research Centre at Laurier, *Canadian regional population growth and the local socio-economic conditions.*

2209. Developing and Evaluating International E-Learning Collaboration in Undergraduate Geography (Sponsored by International Network for Learning and Teaching Geography in Higher Education)

Room: MIT Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Osvaldo A. Muniz, Texas State University, San Marcos
 CHAIR(S): Michael N. Solem, Association of American Geographers
 Introducer: Michael N. Solem
10:20 Waverly C. Ray*, Texas State University-San Marcos; Wasang Baiio, University of Goroka, *The Challenges and Rewards of an Undergraduate Student Learning Interaction.*
10:40 Kristen Conway-Gomez, Ph.D.*, California State Polytechnic University, Pomona; Fabián Araya Palacios, Ph.D., Universidad de la Serena, *Discussing Sustainable Development Across Borders - An International Online Discussion in Undergraduate Geography Classes.*
11:00 Osvaldo A. Muniz*, Texas State University, San Marcos; Christine A. Coats*, Texas State University-San Marcos, *National and International Online Interaction in Geography Education.*
11:20 Phil Klein*, University of Northern Colorado; Margaret Keane, St Mary's University College Belfast; Antoni Luna, Universitat Pompeu Fabra, Barcelona, *Learning about National Identity through International Collaboration - Perspectives of Undergraduates in the U.S. and Europe.*

2210. Landscape Metrics / Characterization

Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Gang Gong
10:10 Lan Mu*, University of Georgia; John Radke, University of California, Berkeley, *A Weighted Boundary Detection Method in Landscape Genetics.*
10:30 Jochen A.G. Jaeger*, Concordia University; Christian Schwick, Die Geographen, Zurich; René Bertiller, Bertiller, Wald-Natur-Landschaft, Zurich-Winterthur; Felix Kienast, Swiss Federal Research Institute WSL, *Relationships between landscape fragmentation and urban sprawl.*
10:50 Alexis L Aguilar, PhD*, Salisbury University, *Use of variograms to measure forest fragmentation at various landscape sizes in the Mid-Atlantic region.*
11:10 Tara LaLonde*, Michigan State University; Ashton Shortridge, PhD, Michigan State University; Joseph Messina, PhD, Michigan State University; Pariwate Varnakovida, Michigan State University, *The Relationship of Shuttle Radar Topography Mission (SRTM) Error to Landscape Characteristics.*
11:30 Gang Gong*, Sam Houston State University; Tanci Foster, Sam Houston State University, *Explore Vegetation Patterns along an Undefined Border.*

WEDNESDAY, APRIL 16

10:10 AM - 11:50 AM

2200

2211. Local Knowledge Systems: Cultural, Historical and Political Ecology Perspectives II (Sponsored by Africa Specialty Group, Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)
 ORGANIZER(S): Antoinette WinklerPrins, Michigan State University

CHAIR(S): Mrill Ingram, University of Wisconsin-Madison

10:10 Kimberly E. Medley*, Miami University Ohio, *Embedded Histories and the Landscape Ecology of Woody Plant Resources at Mt. Kasigau, Kenya.*

10:15 Joanna Wilbur*, University of Maine at Farmington, *Discourses of Sustainability and Social Justice in Philippine Agribusiness.*

10:20 Amy Cooke, PhD*, University of North Carolina - Chapel Hill, *The Ecology of Learning: transferring indigenous knowledge across Maasai production systems.*

10:25 Janna M. Shackeroff, PhD Candidate*, Duke University Marine Lab, Nicholas School of the Environment, *Historical ecology and human dimensions of the Kona Coast, Hawaii: Contributions of traditional, local and Western scientific ecological knowledge to understanding change.*

10:30 Joshua J Ramisch, Ph.D.*, University of Ottawa, *'They Don't Know What They Are Talking About': Engaging the Micro-Politics of Local Soil Fertility Knowledge, Western Kenya.*

10:35 Michaela Beth Palchick, Student*, Macalester College, *Agricultural Transformation and Livelihood Struggles in South Africa's Western Cape.*

10:40 Thomas A Smucker, Ph.D*, Ohio University, *Local Knowledge and Agropastoral Livelihood Change: Implications for Vulnerability and Resilience in Kenya's Semi-Arid Areas.*

10:45 Yulanda Y. Hwang, PhD Student*, SUNY-ESF, *Utilizing Indigenous Community Museums as a Mechanism for Collaboration between Traditional and Scientific Ecological Knowledge.*

10:50 Mrill Ingram*, University of Wisconsin-Madison, *A Soil's Best Friend? A political ecology of invasive earthworms in the Great Lakes Region.*

10:55 Magnus Jirstrom*, Lund University, Sweden; Franz-Michael Rundquist*, Lund University, *Determinants of agricultural diversification in Vietnam.*

2212. Geographies of Detention and Confinement II: Law, Sovereignty, and Executive Power (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Lauren Martin, University of Kentucky; Matthew Mitchelson, University of Georgia

CHAIR(S): Lauren Martin, University of Kentucky

10:10 Richard Nisa*, Rutgers University, *Islands, Archipelagos, and Bodies: The Legal Geography of Detention in the War on Terror.*

10:30 Henry Sivak*, University of California - Los Angeles & Paris 1, *Thinking the Colonial State: Law, Sovereignty, and State Ontology in French Algeria.*

10:50 Hari Osofsky*, University of Oregon School of Law, *The Geography of Justice Wormholes: Dilemmas from Property and Criminal Law.*

11:10 Lisa Bhungalia*, Syracuse University, *Quarantining of Gaza: International Law, Subhumanity, and the Civilian Turned Combatant.*

11:30 Oliver Christian Belcher*, University of British Columbia, *The Charred Root of Meaning: Reconsidering Ontologies of Exception in the Age of Post-Politics.*

2213. Landscapes of the Dead

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert N. Brown, Appalachian State University

10:10 Nenad Lipovac*, University of Zagreb, *Cemeteries - Mapping the Sites of Death in Croatia.*

10:30 William Matthew Hunter*, Heberling Associates, Inc, *Disembodied Histories: Wesleyan Cemetery and the Political Ecology of Death in Cincinnati..*

10:50 Robert N. Brown, Ph.D.*, Appalachian State University, *Bury Me Beneath the Willow: Traditional Burial Practices in the Southern Appalachians.*

2214. The Atlantic Rim: Comparative Issues in North American and European Logistics - Part II (Sponsored by Transportation Geography Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Jean-Paul Rodrigue, Hofstra University; Theo E. Notteboom, ITMMA - University of Antwerp

CHAIR(S): Jean-Paul Rodrigue, Hofstra University

10:10 Antoine Fremont*, The French National Institute for Transport and Safety Research; Pierre Franc, The French National Institute for Transport and Safety Research, *Port Inland Transportation in Europe: Combined VS Road Transport.*

10:30 Pierre Franc*, Inrets; Martijn Van der Horst, Erasmus University Rotterdam, *analysing hinterland service integration of shipping lines and terminal operators: a comparison in the hamburg-le havre range.*

10:50 Gerardo Delgado*, Professor, Dr, Department of Geography, University of Las Palmas, *The public policies of transport and regional integration in the Canary Islands.*

11:10 Sotiris Theofanis*, Rutgers, The State University of New Jersey; Maria Boile, Rutgers, The State University of New Jersey, *Recent Freight Transportation Policy Agendas In The Us And Europe: From Converging Problems To Converging Policies?.*

11:30 Emmanuel Guy*, Université du Québec à Rimouski, *Supporting the Development of Shipping: the European Experience and its lessons for North America.*

2215. Geographies of disability: contesting the boundaries (Sponsored by Disability Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Louise Holt, University of Reading; Elizabeth Mathews, National University of Ireland, Maynooth

CHAIR(S): Louise Holt, University of Reading

Introducer: Louise Holt

10:30 Sara Ryan, Dr*, University of Oxford, *Bewildering and incomprehensible: experiencing spaces the 'Aspie' way.*

10:50 Jenny Broome-Smith*, University of Brighton; Darren P Smith, University of Brighton, *Autistic Spectrum Disorders and the Uneven Geographies of Diagnosis.*

11:10 Cheryl Nosworthy*, The University of Reading, *Mind-Body Spaces of human - non-human communication: a study of the socio-spatial experiences of 'disabled' horse-riders.*

Discussant(s): Tracey Skelton, National University of Singapore

WEDNESDAY, APRIL 16**10:10 AM - 11:50 AM****2200**

2216. Human-Environment Dynamics in the Western Amazon: From Culture to Climate (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): David Seward Salisbury, University Of Richmond; Jacqueline Vadjunec, Oklahoma State University

CHAIR(S): Jacqueline Vadjunec, Oklahoma State University
Introducer: Jacqueline Vadjunec

10:12 David S. Salisbury, Ph.D.*, University Of Richmond, *Fronteras Vivas or Dead Ends?: The sustainability of military settlement projects in the Amazon borderlands of Peru..*

10:30 Christian Abizaïd*, McGill University; Oliver T. Coomes, McGill University; Stéphanie Brisson, McGill University, *Communal labor exchanges in peasant agriculture: a social network analysis from the Peruvian Amazon.*

10:50 Jacqueline Michelle Vadjunec, PhD*, Oklahoma State University, *Tapping the forest: Multi-scalar approaches to understanding institutions, identity, and social movements in Acre, Brazil.*

11:10 I. Foster Brown*, Woods Hole Research Center, *Accelerating synergies and global environmental change in the Madre de Dios-Peru, Acre-Brazil, Pando-Bolivia region of the southwestern Amazon.*

11:30 Kirsten Barrett*, Clark University, *A Case Study of Carbon Fluxes from Land Cover Change in the Southwest Amazon.*

2217. Geography of Conflict in Africa

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): J H. Leaman, Villanova University

10:10 Patricia Daley, Dr*, University of Oxford, UK, *Intersectionality as an approach to understanding genocidal violence in Central Africa.*

10:30 Joel Gruley*, Michigan State University, *Environment, Ethnicity, and Conflict: Popular Newspaper Narratives of Darfur and their Usefulness for Understanding the Crisis.*

10:50 Steve Butcher*, Kent State University, *Intent to Destroy Livelihoods in Whole or in Part: Political Ecology of Genocide in Darfur, Sudan.*

11:10 Osama Abdelgadier*, Framingham State College, *From Darfur to Khartoum and Juba: The Prospects for Peace and Unity in Sudan.*

11:30 J H. Leaman*, Villanova University, *Chad: The Other Refugee Problem.*

2218. Census Data, Research Tools, Geospatial Applications, and MAF/TIGER: News and Updates (Sponsored by Medical Geography Specialty Group, Population Specialty Group, Applied Geography Specialty Group)

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Nancy K. Torrieri, U.S. Bureau Of the Census
CHAIR(S): Nancy K. Torrieri, U.S. Bureau Of the Census

10:10 Nancy K. Torrieri, Ph.D.*, U.S. Census Bureau, *The American Community Survey: Update and Plans for 2008 and Beyond.*

10:27 Gregory Harper*, US Census Bureau, *The Population Estimates Program.*

10:44 Cavan Capps, U.S. Census Bureau*, Bureau of the Census, *The DataWeb and Geography.*

11:01 B.K. Atrostic, Ph.D.*, Center for Economic Studies, U.S. Census Bureau, *Research Opportunities at the U.S. Census Bureau Research Data Centers.*

11:18 Jane L Garb, MS, GISP*, Baystate Health; Frank P. Robinson, PhD, Baystate Health; Deidre M. Callanan, DC, Baystate Health; Richard B. Wait, MD, PhD, Baystate Health, *The Geography of Health: Mapping Community Needs and Assets.*

11:35 Timothy F. Trainor*, U.S. Bureau Of the Census, *Geographic Operations Supporting the 2010 Decennial Census.*

2219. Experimentation & Engineering: Materialities Between the Processual and the Aleatory II

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Elizabeth Johnson, CUNY Graduate Center; Bruce Braun, University of Minnesota - Minneapolis

CHAIR(S): Elizabeth Johnson, CUNY Graduate Center

10:10 Aaron Bobrow-Strain*, Whitman College; E. Melanie DuPuis, University of California, Santa Cruz, *Trouble with Microbes: Industry, Public Health, and the Politics of Biosafety in Turn-of-the-Century America.*

10:30 Bruce Braun*, The Graduate Center, City University of New York, *Technology and Affect in an Age of Global Warming.*

10:50 Jane Moeckli*, University of Iowa, *Engineering Safety in a Mobile World.*

11:10 Garnet Kindervater*, University of Minnesota - Minneapolis, *Médecins Sans Frontières: Toward a Second-Order Politics/Engineering Amodernity.*

Discussant(s): Sarah Whatmore, Oxford University

2220. The Cultural Geographies Lecture

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Garth Andrew Myers, University of Kansas

CHAIR(S): Garth Andrew Myers, University of Kansas

Introducer: Garth Andrew Myers

10:20 Jennifer Robinson*, Open University, *Where are (ordinary) cities going? Knowledge and power in circuits of urban visioning.*

2221. Urban Spatial Modeling

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jonathan Glick, University Of Washington

10:10 Michaël Tremblay*, University of Montréal; Philippe Apparicio, University of Québec (INRS-UCS); Richard Shearmur, University of Québec (INRS-UCS), *The Chicago School Approach to Contemporary Metropolises: Still Relevant or not?.*

10:30 Fabien Paulus*, Université Louis Pasteur (Strasbourg1), UMR7011 Image et Ville; Celine Vacchiani-Marcuzzo, Université de Reims Champagne-Ardenne, UMR8504 Géographie-cités; Denise Pumain, Université ParisI Panthéon-Sorbonne, UMR8504 Géographie-cités, *Scaling laws and economic specialisation: an experimentation United States-France-South Africa.*

10:50 Anne Bretagnolle*, Assistant Professor; Céline Vacchiani-Marcuzzo, University of Reims; Denise Pumain, University of Paris I; Thomas Louail, IBISC-Université d'Evry; Benoît GLISSE, Laboratoire d'Informatique de Paris 6, *Categorizing urban systems through simulation (Europe, United States, South Africa).*

WEDNESDAY, APRIL 16

10:10 AM - 11:50 AM

2200

11:10 Bing Sheng Wu*, Department of Geography, Texas A&M University; Daniel Z. Sui, Department of Geography, Texas A&M University, *Modeling the Dynamics of Desakota Regions: A case study of Taipei.*

11:30 Jonathan Glick*, University Of Washington, *Revisiting the recent U.S. housing boom: a new geography of capital gains?.*

2222. Land Use and Land Cover Change, Planning, and Development

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)

ORGANIZER(S): Program Committee

Humberto Reyes Hernandez*, CCSyH, UASLP; Luis Olvera Vargas, CCSyH, UASLP; Miguel Aguilar-Robledo, CCSyH, UASLP; Javier Fortanelli-Martinez, IIZD, UASLP; Gabriela Torres Montero, CCSyH, UASLP; Patricia Julio-Miranda, CCSyH, UASLP, *Loss of biodiversity and environmental scenarios in 2025 in the Sierra Madre Oriental, San Luis Potosi, Mexico.*

Melissa Berry*, University of South Carolina, *Insuring the Future: Analyzing Insurance, Losses, and Resiliency in Florida Counties.*

Jesse Storms*, UW-Whitewater, *Effects of Rural Residential Development on Land Use and Land Cover in Waukesha County, Wisconsin.*

Abigail Amisssah-Arthur*, Slippery Rock University; Francis Owusu, Iowa State University; Brittany Ryhal, Slippery Rock University, *Geographic Analysis of Foreclosure Trends and Patterns in a Small Town America.*

Margaret Dobbs*, Gettysburg College; Alexandra Bigler, Gettysburg College; Katherine Fetzer, Gettysburg College; Sarah Gregory, Gettysburg College; Benjamin Lillard, Gettysburg College; Brian James, Gettysburg College; Marissa Mizeski, Gettysburg College; Emily Montgomery, Gettysburg College; Brian Saum, Gettysburg College; Matthew Shank, Gettysburg; Harold Stevens, Gettysburg College; Randall K. Wilson, Gettysburg College, *Don't sprawl on us!: Assessing the costs of sprawl and its alternatives in southern Pennsylvania.*

Kellee C Timpson*, Western Washington University, *Greenways: green space connectivity as a framework for urban development.*

Richard Vernon Poss*, United States Geological Survey, *National Land Cover Database (NLCD) Classification of the Aleutian Islands.*

Rachel Young*, Longwood University; Daniel L Druckenbrod, Longwood University, *Interpreting Landscape History of Thomas Jefferson's Plantation.*

Mark A. Drummond, PhD*, United States Geological Survey, *Land Change Dynamics of a Net Loss of Forest Cover in the Contemporary Eastern United States.*

Tianfang Fang*, Texas State University-San Marcos; Haitao Wang, ChangChun Teachers College, China; Guoping Lei, Northeast Agricultural University, China; Yongmei Lu, Texas State University-San Marcos; Guizuo Wang, Hohai University, China, *An Analysis of the Driving Factors for Land Use Change in Hulin County, China.*

Michael Peter Stier*, United States Geological Survey, *Assessing Land Cover Change for the Cross Timbers Ecoregion.*

Albert Decatur*, Clark University, *Land-cover change in Central Massachusetts (1951-1999): drivers and constraints of short-term anthropogenic change.*

Ben Gilmer*, Radford University, *West Virginia's significant lands: benefits, trends, and conservation opportunities.*

Richard H. Jackson*, Brigham Young University; Matthew Shumway, Brigham Young University, *Planning and Hazardous Waste Sites in the Rural West.*

Samuel Blanchard*, Clark University; Nick Bumbarger, Clark University; Alina Taus, Clark University; Joe Fortier, Clark University; John Rogan, PhD, Clark University, *Integrating Remotely Sensed Data and Environmental Variables to Map Forest Cover Types in Massachusetts.*

Andrew Y. Gilmer, Undergraduate Student*, Radford University, *Land Use/Land Cover Change Using Unsupervised Classification.*

Kellie J Wilcox-Moore*, Texas A&M University; Andrew C Millington, PhD, Texas A&M University, *Woodfuel use and woodland degradation in the highlands of Bolivia.*

Edgar Espinoza, Mr.*, University of Miami, *Ecotourism markets as a driving force of land-use and land-cover change: the case of Monteverde, Costa Rica..*

Michael L. Nelson*, Texas Christian University, *Land Use Change in Fort Worth, TX Following the 2000 Tornado.*

Keith Allen Bremer*, Texas State University - San Marcos, *Socio-Economic Differentials of Land Use in Austin, Texas: 2000.*

Dan G Cannon Jr, Undergrad*, Slippery Rock University; Rose A Iksic, Undergrad, Slippery Rock University, *Impact of Urban Growth on Forest in the Red Hills Region between 1987 and 2005.*

Alexandra G. Ponette-González, Ph.D. Candidate*, Yale School of Forestry and Environmental Studies, *Spatiotemporal Effects of Land Use/ Land Cover Type on Water and Atmospheric Inputs across a Mexican Tropical Montane Landscape.*

2223. Europe

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William H. Berentsen, University of Connecticut

10:10 Karin Johnson*, Lund University; Eric Clark, Lund university; Emma Lundholm, Umeå university; Gunnar Malmberg, Umeå university, *Generic Gentrification: Ordinary Gentrification, Polarization and Neo-liberal Urban Politics in Stockholm, Gothenburg and Malmö.*

10:30 John Gossom*, The Ohio State University, *Patterns, Processes, and Players in Post-Soviet Prague.*

10:50 William H. Berentsen, Ph.D.*, University of Connecticut, *Patterns of Population Concentration and Deconcentration in Large European Metropolitan Regions in Recent Decades.*

11:10 Gilles Rudaz*, Massachusetts Institute of Technology, *Mountains and Europe, the claim of a specificity.*

11:30 Joel Ian Deichmann*, Bentley College, *St. Petersburg, Russia: Analysis of the tourist destination and industry growth prospects..*

WEDNESDAY, APRIL 16**10:10 AM – 11:50 AM****2200****2224. The Colonial Present II: Geographical Imaginations (Sponsored by Political Geography Specialty Group, Indigenous Peoples Specialty Group, Social and Cultural Geography)****Room:** *Grand Ballroom Salon I, Marriott, 4th Floor* (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Soren Larsen, University of Missouri

10:10 Federico Caprotti*, University College London, *Techno-natural Imaginations of Empire: Colonial Aviation in Fascist Italy*.**10:30** Amanda E. Cravens*, University of Canterbury, *Storytelling about Pristine Mountains: Visitor Interpretation in New Zealand's Te Wāhipounamu World Heritage Area*.**10:50** Steven E Silvern*, Salem State College, *Paranoid Nationalism and the Geographical Imaginings of the Modern Anti-Indian Movement in the United States*.**11:10** Helen Maisie Ngaire Te Whatu ki te Ao Huna Hayward, Dr*, School of Educational Studies & Human Development, College of Education, Te Whare Wananga o Waitaha/University of Canterbury, Christchurch, Aotearoa/New Zealand, *Restless Spirits in 'Spiritless' Places Place-conscious education - lessons for the academy*.**11:30** Julianne Hazlewood*, University of Kentucky, *Reclaiming, Recreating, and Re-presenting 'Indigenous' Assimilation Experiences in 'Ethnic' Immigration Geographies*.*(see session description on page 27)***2225. Climate Change and Variability (Sponsored by Climate Specialty Group)****Room:** *Grand Ballroom Salon J, Marriott, 4th Floor* (Paper Session)

ORGANIZER(S): Robert E. Davis, University of Virginia

CHAIR(S): Robert E. Davis, University of Virginia

10:10 Scott M. Robeson*, Indiana University; Cort J. Willmott, University of Delaware, *Using Geographic Boxplots to Estimate Climatic Change*.**10:30** Jeffrey C. Rogers, Ph.D.*, Ohio State University, *Once, When the United States Was A Sunny, Sunny Place*.**10:50** Adam W. Burnett*, Department of Geography, Colgate University; Henry T. Mullins, Department of Earth Sciences, Syracuse University; William P. Patterson, Department of Geological Sciences, University of Saskatchewan; Chris Holmden, Department of Geological Sciences, University of Saskatchewan; Aaron F. Diefendorf, Department of Geosciences, Pennsylvania State University; Robert Deegan, West Genesee High School, Camillus, NY, *Circulation Variability Over Western Ireland During the Younger Dryas: What Can Modern Precipitation Isotope and Circulation Data Tell Us?*.**11:10** Robert V. Rohli*, Louisiana State University; Natalie A Vines, Environmental Systems Research Institute; Jillian L Wilkerson, *Hydroclimatological Characteristics and Atmospheric Circulation Anomalies Associated with the Gulf of Mexico Hypoxic Zone*.**11:30** Julie A. Winkler*, Michigan State University; Brian E. Potter, U.S. Forest Service; Haryono Prawiranata, Michigan State University; Krerk Piromsopa, Michigan State University; Jeffrey Schmidt, Michigan State University; Xindi Bian, U.S. Forest Service, *Projected Future Changes in Wildland Fire Potential for North America*.**2226. The Sustainable Development Paradox: Capitalist social relations and the sustainability problematic****Room:** *Grand Ballroom Salon K, Marriott, 4th Floor* (Panel Session)

ORGANIZER(S): Rob Krueger, Worcester Polytechnic Institute; David C. Gibbs, University of Hull

CHAIR(S): David C. Gibbs, University of Hull

Panelists: Roger Keil, York University; Erik Swyngedouw, University of Manchester; David Sauri, Universitat Autònoma de Barcelona; James Evans, University of Manchester; Rob Krueger, Worcester Polytechnic Institute; David C. Gibbs, University of Hull; Jessica Budds, The Open University

2227. Hazards, GIS, and Remote Sensing 2: Droughts, Floods, and Famine (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)**Room:** *Nantucket Room, Marriott, 4th Floor* (Paper Session)

ORGANIZER(S): Rutherford V. Platt, Gettysburg College; Tom Cova, University of Utah

CHAIR(S): Rutherford V. Platt, Gettysburg College

10:10 Brian D. Wardlow, Ph.D.*, National Drought Mitigation Center, University of Nebraska-Lincoln; Tsegaye Tadesse, Ph.D., National Drought Mitigation Center, University of Nebraska-Lincoln; Jesslyn F. Brown, USGS Center for Earth Resources and Observation Science (EROS); Yingxin Gu, Ph.D., USGS Center for Earth Resources and Observation Science (EROS); Karin Callahan, National Drought Mitigation Center and Center for Advanced Land Management Information Technologies, University of Nebraska-Lincoln, *The Vegetation Drought Response Index (VegDRI) - Zooming in to a Local Scale to Meet the Needs of the Drought Monitoring Community*.**10:30** Molly E. Brown, PhD*, SSAI/NASA Goddard Space Flight Center; Christopher C Funk, PhD, University of California Santa Barbara; Gideon Galu, USGS EROS; Richard Choularton, Chemonics International/FEWS NET; James Verdin, PhD, USGS EROS, *Innovative Climate and Economic Analysis for Earlier Famine Early Warning*.**10:50** Joanne Halls*, UNC Wilmington, *Techniques for Assessing and Predicting Coastal Habitat Change*.**11:10** Thomas R Allen*, East Carolina University; Thomas Crawford, East Carolina University; Yong Wang, East Carolina University; Michael O'Driscoll, East Carolina University; Robert McClendon, UNC Coastal Studies Institute, *Mapping and Modeling Coastal Flooding Vulnerability from Impervious Runoff on the Outer Banks, NC*.**11:30** Nathan P Kettle*, University of South Carolina, *Considerations of Error and Uncertainty in Mapping Sea Level Rise*.**2230. Cultural, Social, and Economic Geographies****Room:** *Orleans Room, Marriott, 4th Floor* (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Langdon Smith, Slippery Rock University

10:10 Langdon Smith*, Slippery Rock University of Pennsylvania, *Naturalness as a Continuum of Human Intervention*.**10:15** Culum Canally*, Wilfrid Laurier University, *Measuring 'Non-Knowledge': A methodological approach for exploring place image*.

WEDNESDAY, APRIL 16

10:10 AM - 11:50 AM

2200

10:20 Ramin David Zamanian*, Oklahoma State University, *Tourists, Worshippers, and Nature: Analyzing Cultural Landscapes Associated with Brazil's Santo Daime Religion.*

10:25 Brad A. Bays, Ph.D.*, Oklahoma State University, *Cowboy Churches.*

10:30 Timothy I Miller, Professor of Economics*, Economics, *The Impact of Census Boundary Changes upon Measurements of Residential Segregation.*

10:35 Charles W. Abbott*, University of Iowa, *Chain Migration to a College Town: The Sudanese of Iowa City.*

10:40 Amy V. Ferdinand, Doctoral Student*, Montclair State University, *Geospatial Analysis of Brownfields by GIS and Remote Sensing for Social Risk Assessment: The effect of appearance on the value of developable sites.*

10:45 Wende Mix*, Buffalo State College, *House Flipping and Neighborhood Change.*

10:50 Kellen D Seligman*, University of Richmond, *A Participatory Mapping Approach to Gaining Territoriality for the Peruvian Indigenous Lands of Alto Tamaya.*

10:55 Angela Maria Andrade*, *Las Nuevas Ciudades de America: A Socio-Cultural Case Study of the Latino Community in East Baltimore.*

11:00 Edwin C. Butterworth*, *Leveraging Young Retirees as a Regional Intellectual Asset.*

11:05 Jay L. Newberry*, Michigan State University Geography, *Relative Social Distance: Residential Segregation Between Foreignborn West Indians and Native-born Blacks in New York.*

2231. Graduate Student Papers in Tourism Studies II (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Sanjay K Nepal, Texas A&M University
CHAIR(S): Daniel C. Knudsen, Indiana University

10:10 Kurt R. Richter, Graduate Student*, University of California, Davis, *The Evolution of Apple Hill from Commodities to Agricultural Tourism.*

10:30 Dena Aufseeser*, University of Washington, *Consuming Poverty: Representations of Street Children in Cusco, Perú.*

10:50 Gillian McCrum*, Macaulay Institute and Aberdeen University; Kirsty Blackstock, Macaulay Institute; Colin Hunter, Aberdeen University, *Developing Sustainable Tourism Indicators: What Should We Be Considering?.*

11:10 Matthew Hartzell*, Pennsylvania State University, *Tourism spatialities in the Indian Himalaya: From Colonialism to Neocolonialism?.*

Discussant(s): Daniel C. Knudsen, Indiana University

2233. In the Wake of a Storm: Geographies of Katrina and Post-Katrina New Orleans II (Sponsored by Urban Geography Specialty Group)

Room: Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Scott Bell, Brown University; Xun Shi, Dartmouth College

CHAIR(S): Xun Shi, Dartmouth College

10:10 Bethany Brown, MA*, University of Delaware Disaster Research Center; Bethany L. Brown, MA, Applied Sociology, University of Delaware, Disaster Research Center, *One-Stop Shopping: A Paradigm Shift in Social Service Delivery After Katrina.*

10:30 John Barnshaw, University of Delaware -Disaster Research Center; Lynn Letukas*, University of Delaware - Disaster Research Center, *Hurricane Katrina: The Social Geography of Catastrophe.*

10:50 Quintus R Jett*, Dartmouth College, *Organizing Public Participation after Disasters: The Significance of Geography.*

11:10 Benjamin Wilson*, Duke Law School; Xun Shi, Ph.D., Dartmouth College, *Web-based Participatory GIS for Post-Katrina Rebuilding.*

Discussant(s): Michael E. Crutcher, University of Kentucky

2234. Geography and Drug Addiction: Emerging Methodologies
Maine Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Yonette Thomas, National Institute on Drug Abuse; Mei-Po Kwan, Ohio State University

CHAIR(S): Yonette Thomas, National Institute on Drug Abuse

Panelists: Mei-Po Kwan, Ohio State University; Kimberly Brouwer, University of California at San Diego; Sara McLafferty, University of Illinois; Christopher Browning, Department of Sociology, The Ohio State University; Arijit Nandi, Bloomberg School of Public Health, Johns Hopkins University

2235. Charles Withers, Placing the Enlightenment: Thinking Geographically About the Age of Reason - Author Meets Critics (Sponsored by Historical Geography Specialty Group, History of Geography Specialty Group)

Room: New Hampshire Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Michael Heffernan, University of Nottingham

CHAIR(S): Michael Heffernan, University of Nottingham

Introducer: Michael Heffernan

Panelists: Felix FS Driver, Royal Holloway, University of London; Charles W.J. Withers, University Of Edinburgh; Dorinda Outram, Rochester University; Martin Brueckner, University of Delaware; Michael Dettelbach, Boston University

2236. Researching Practice in the Space Economy: Possibilities and Limitations II (Sponsored by Economic Geography Specialty Group)

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Andrew Jones, Birkbeck, University Of London; Jim Murphy, Clark University

CHAIR(S): Jim Murphy, Clark University

10:10 Bas Hendriks*, Radboud University Nijmegen, *Uncovering the spatialities of collective action: the mushrooming of hegemonic 'alternatives'.*

10:30 Shaun French*, University Of Nottingham; Marcus Doel, Swansea University, *Financial militants, Badiou and the crisis of financialization: subjects, spaces, and events.*

10:50 Henrik Mattsson*, Telfer School of Management, Ottawa University / CIND, Uppsala University; David Doloreux, Telfer School of Management, Ottawa University, *Cluster Dynamics or City Life? Explaining Economic Success in Knowledge Intensive Sectors.*

11:10 Marina Prieto-Carron, Dr*, Birkbeck College, University of London, *Researching Practices all over the place!: Corporate Social Responsibility and Nicaraguan Women Workers in Global Supply Chains.*

WEDNESDAY, APRIL 16**10:10 AM – 11:50 AM****2200****2237. New Directions in Urban Theory II: Grounding Theories (Sponsored by Urban Geography Specialty Group)***Room:* Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Simon Parker, University Of York, UK

CHAIR(S): Simon Parker, University Of York, UK

10:10 Brenda A Kayzar, Ph. D.*, University of Minnesota,
Building a Narrative of Change: A network approach to case study research.

10:30 Laura Y. Liu*, The New School, *Migration, Immigrant Studies, and Urban Theory.*

10:50 Robert S. Fiedler*, York University; Jean-Paul D. Addie, York University, *Placing suburbs in the city-region: Reconceptualizing geographies of the metropolis.*

11:10 Tom Slater*, University of Bristol, *Gentrifying the Urban Question: Class Position and Policy Relevance.*

2238. Geographies of Rhythm 2*Room:* St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Tim Edensor, Manchester Metropolitan University

CHAIR(S): Tim Edensor, Manchester Metropolitan University

10:10 Deirdre Conlon, Ph.D.*, Institute for Liberal Arts and Interdisciplinary Studies, Emerson College, Boston, *A Syncopation on Migration in the Irish Nation-State.*

10:30 Shannon Hensley*, The Open University, *"It's in my blood": Corporealizing Rumba Music in Cuba.*

10:50 Tracey J Potts*, University of Nottingham, *Life hacking and the rhythms of the everyday.*

11:10 Maja de Neergaard*, Roskilde University, Department of Environmental, Social and Spatial Change, *Rural Urbanism? About urbanits moving to the countryside..*

Discussant(s): Peter Rogers, MMU / Macquarie

2239. Geographies of Genetic Pollution 2: Agricultural Biotechnology, the Life Sciences Industries, Social Resistance (Sponsored by Cultural and Political Ecology Specialty Group)*Room:* St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Dustin Mulvaney, University Of California - Santa Cruz

CHAIR(S): Anna Zivian, University Of California

10:10 Anna Milena Zivian*, University Of California, *Networks of Resistance: Liberi da OGM, an Italian case study.*

10:30 Emily Eaton*, University of Toronto, *Contesting the value(s) of GE wheat on the Canadian Prairies.*

10:50 Robin Jane Roff*, Simon Fraser University, *Sex, Trucks and GMOs: Genetic Contamination and the Natural Barriers to Non-GMO Certification.*

Discussant(s): Dustin Mulvaney, University Of California - Santa Cruz

2240. The Changing Geographies of Japan II: Japan in the World (Sponsored by Economic Geography Specialty Group, Asian Geography Specialty Group)*Room:* St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): David W. Edgington, University Of British Columbia

CHAIR(S): David W. Edgington, University Of British Columbia

10:10 Gil Latz*, Portland State Univ, *Ei'ichi Shibusawa and Japan's Early Modernization: Significance and Implications.*

10:30 Timothy W. Reiffenstein*, Mount Allison University; Ha Thanh Nguyen, Mount Allison University, *The International Developmental State: The Japanese Intellectual Property System in Vietnam.*

10:50 Michael Plattner*, University of Trier, *Mobile Elite Networks and Locational Preferences - A Social*

Network Analysis of Japanese Executive Managers in Global Cities.

11:10 Patrick H. Buckley*, Western Washington University; Akio Takahashi, Meiji University, Tokyo, Japan, *Delphi analysis of sister city exchanges: Bellingham, WA and Tateyama, Japan.*

Discussant(s): Shii Okuno, University of Kentucky

2241. Geographies of Media II: Muscapes (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)*Room:* St. George D, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Jason Dittmer, University College London;

James Craine, California State University Northridge

CHAIR(S): Sara Beth Keough, Saginaw Valley State University

10:10 Ola Johansson*, University of Pittsburgh at Johnstown; Thomas L Bell, University of Tennessee, *Touring Circuits and the Uneven Geography of Rock Music Performance.*

10:30 Giorgio Hadi Curti*, San Diego State University; James Craine, California State University, Northridge, *Lark's Tongue in Aspect: Progressing the Scapes.*

10:50 John Finn*, Arizona State University, *The Streets Have Rhythm: Touring Havana's Musicalized Places.*

11:10 Tamara M Johnson*, University of North Carolina - Chapel Hill, *Transgressing the Territories of Dance: the Construction of a Salsa Scene in North Carolina's Triangle.*

11:30 Michael W. Pesses*, California State University, Northridge, *The city she loves me: The Los Angeles of the Red Hot Chili Peppers.*

2242. Trends in Agriculture*Room:* Essex North-West, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert A. Rice, Smithsonian Institution

10:10 Kathleen M Baker*, Western Michigan University, *Modeling Crop Disease Risk Using State-Wide Weather Forecasts: Spatial and Temporal Error Patterns.*

10:30 Shawn Hutchinson*, Department of Geography, Kansas State University; Margaret L. Margosian, USDA APHIS PPQ CPHST Spatial Technology Team; Karen A. Garrett, Department of Plant Pathology, Kansas State University; Kimberly A. With, Division of Biology, Kansas State University, *Connectivity of the American Agricultural Landscape: A Graph-Theoretic Approach using GIS.*

10:50 Jordan Graesser*, South Dakota State University, *The Impact of Ethanol on Land Use in the Western Corn Belt.*

11:10 Sean Gillon*, University of California, Santa Cruz, *Biofuels Production and Political Ecology: Concentrations of risk, capital and environmental 'bads'.*

11:30 Robert A. Rice*, Smithsonian Institution, *Biodiversity Protection in Managed Lands: Where is Government?.*

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2243. Variations in Regional Technology Trajectories II - Spatial Innovation Systems (Sponsored by Economic Geography Specialty Group, Regional Development and Planning Specialty Group)

- Room:** *Essex North-East, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Dieter Franz Kogler, University of Toronto; David L. Rigby, Univ of California
 CHAIR(S): Dieter Franz Kogler, University of Toronto
10:10 Andrew Munro*, University of Toronto; Harald Bathelt, University of Toronto; Dieter Franz Kogler, University of Toronto, *Social Foundations of Regional Innovation and the Role of University Spin-offs*.
10:30 Dewald Ulrich*, Department of Geography, RWTH University of Aachen, *Towards renewable energy systems - the evolution of the german photovoltaic innovation system*.
10:50 Anne Ter Wal*, URU - Utrecht University, *Evolution of networks in the WLAN industry throughout the industry lifecycle: the role of preferential attachment and proximity*.
11:10 Søren Kerndrup*, Geography, Aalborg University; Kristian Hegner Reinau*, Aalborg University, *Cluster trajectories as global games: Local companies, multinational corporations and the evolution of technologies and capabilities in clusters*.
 Discussant(s): Jurgen Essletzbichler, University College London

2244. China's Urban Transformations (Sponsored by China Specialty Group)

- Room:** *Essex North-Center, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Alana Boland, University of Toronto; George Lin, University of Hong Kong
 CHAIR(S): Daniel Abramson, University of Washington
10:10 Youqin Huang*, SUNY - Albany, *The Land Development, Urbanization and Displacement in Rural Jiangsu Province, China*.
10:30 Fulong Wu*, Cardiff University; Shenjing He, Cardiff University; Chris Webster, Cardiff University, *Poverty Neighbourhoods and Deprivation in Chinese Cities*.
10:50 Guo Chen, Ph.D./Assistant Professor*, Michigan State University, *Toward a New Model of Spatial Differentiation in Urban China*.
11:10 Zhilin Liu*, Tsinghua University; Yizhao Yang, University of Oregon; Maojun Wang, Capital Normal University, *Hidden Costs Behind Moving to Better Housing: A Study of Accessibility Change and Housing Relocation in Beijing, China*.
11:30 Chuncui Velma Fan*, University of California - Los Angeles, *Changing Patterns of Rural Youth Migration in China: A 1995 and 2005 Comparison*.

2245. Lidar Applications

- Room:** *Staffordshire, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Matt Rice, University of California - Santa Barbara
10:10 Fang Qiu, Dr.*, University of Texas - Dallas; Jie Chang, University of Texas at Dallas, *A 3D Mutual Nearest Neighborhood Based Filtering of Airborne LIDAR Data*.
10:30 Muhammad Tauhidur Rahman*, University of Oklahoma, *Using LIDAR Data for Tree Height and Density Measurements of Oklahoma City*.
10:50 Eliza S Bradley*, Department of Geography - U.C. Santa Barbara; Dar A Roberts, PhD, Department of Geography - U.C. Santa Barbara; Keely L Roth, Department of Geography - U.C. Santa Barbara; Geoffrey G. Parker, PhD, Smithsonian Environmental

Research Center, *A Comparison of Discrete and Large Footprint Waveform Lidar for Assessing the Vertical Structure of a Mixed Deciduous Forest*.

- 11:10** Helena Mitsova*, North Carolina State University; Russell S Harmon, Army Research Laboratory, Army Research Office, *Geospatial analysis of terrain dynamics using lidar technologies and Open source GIS*.
11:30 Matt Rice*, UC Santa Barbara / George Mason University, *An SRTM DTED accuracy analysis for two study sites*.

2246. Vegetation Dynamics I (Sponsored by Biogeography Specialty Group)

- Room:** *Parliament Room #1, Westin, 7th Floor* (Paper Session)
 ORGANIZER(S): Charles W. Lafon, Texas A & M University; David Cairns, Texas A&M University
 CHAIR(S): David Cairns, Texas A&M University
10:10 Joy Nystrom Mast*, Carthage College; Carol L Chambers, Northern Arizona University, *Biogeographic Impacts of Bark Beetle Epidemics in the Southwest*.
10:30 Evan R Larson*, University Of Minnesota, *Regeneration in whitebark pine forests of southwest Montana and eastern Oregon: A reason for hope*.
10:50 Amanda Beatrice Young*, Department of Geography, Texas A&M University; David Cairns, PHD, Department of Geography, Texas A&M University; Charles Lafon, PHD, Department of Geography, Texas A&M University; Jon Moen, PHD, Department of Ecology and Environmental Science, Umea Universitet, Sweden, *Influences of Climate and Herbivory on Mountain Birch (Betula pubescens spp. czerepanovii) and Scots Pine (Pinus sylvestris) in Northern Sweden*.
11:10 Mark A. Blumler, Assoc. Prof.*, SUNY-Binghamton, *Near Eastern pollen diagrams and "deforestation"*.
11:30 Kirk M Stueve*, Texas A&M University, *Hierarchical patch dynamics can change multivariate statistical inferences that are widely used in biogeographic research*.

2247. Marine Geomorphology as a Determinant for Essential Life Habitat II: An Ecosystem Management Approach to Planning for Marine Reserve Networks (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group, Geomorphology Specialty Group)

- Room:** *Empire Room #6, Westin, 7th Floor* (Paper Session)
 ORGANIZER(S): Dawn J. Wright, Oregon State University; William Heyman, Texas A&M University
 CHAIR(S): Dawn J. Wright, Oregon State University
 Introducer: Dawn J. Wright
10:11 Dawn J. Wright*, Oregon State University, *The Quest for a High-resolution Map of the Oregon Territorial Seafloor in the Context of Current West Coast Marine Reserve Initiatives*.
10:30 Will McClintock, PhD, Marine Science Institute, University of California at Santa Barbara; Matt Merrifield*, The Nature Conservancy; Sophie De Beukelaer, Monterey Bay National Marine Sanctuary; Paulo Serpa, California Department of Fish and Game; Mary Gleason, PhD, The Nature Conservancy, *Geospatial Decision Support Tools for Planning of Marine Protected Areas in California*.
10:50 Daniel W. Sampson, B.S., M.E.M.*, Massachusetts Office of Coastal Zone Management; Anthony R. Wilbur, B.S., M.S., Massachusetts Office of Coastal Zone Management; Seth D. Ackerman, B.S., M.S.,

WEDNESDAY, APRIL 16**10:10 AM – 11:50 AM****2200**

Massachusetts Office of Coastal Zone Management,
*Mapping seafloor surficial geologic habitat in
Massachusetts state waters.*

- 11:10** H. Gary Greene, Professor Emeritus*, Moss Landing Marine Labs; Cleo K Brylinsky, Marine Biologist, Alaska Department of Fish and Game; Victoria M O'Connell, Fisheries Biologist, Alaska Department of Fish and Game, *Seafloor Geology and Geomorphology as Habitat Surrogates - Examples Along a Convergent and Transform Plate Boundary in Alaska.*

- 11:30** Markus Diesing*, Centre for Environment, Fisheries & Aquaculture Science, UK; Koen Vanstaen, Centre for Environment, Fisheries & Aquaculture Science, UK; Roger Coggan, Centre for Environment, Fisheries & Aquaculture Science, UK, *Bedrock Geology Governs Benthic Habitat in the Central English Channel.*

2248. Geomorphology Specialty Group Graduate Student Paper Competition II (Sponsored by Geomorphology Specialty Group)

- Room:** North Star Room #10, Westin, 7th Floor (Paper Session)
ORGANIZER(S): Scott Lecce, East Carolina University
CHAIR(S): Scott Lecce, East Carolina University
10:10 James D. Riley*, University of Illinois at Urbana-Champaign, *Confluence Planform Geometry: Channel Curvature at Confluences.*
10:30 Monika Mihir*, University of Memphis; Thad A Wasklewicz, East Carolina University, *New insights into drainage basin-area and fan-area relationships.*
10:50 Sarah Mc Cormack*, University of Kentucky, *Assessing incipient motion rates in the Big South Fork of the Cumberland River, Kentucky and Tennessee..*
11:10 Mark W. Bowen*, University of Kansas, *Stratigraphic Investigations of High Plains Playas for Landscape Reconstruction.*

2249. Feminine, Masculine, and Queer Identities in Rural Space II (Sponsored by Sexuality and Space Specialty Group, Rural Geography Specialty Group, Cultural Geography Specialty Group)

- Room:** Defender Room #5, Westin, 7th Floor (Paper Session)
ORGANIZER(S): W. Scott Whitlock, University of Arizona; Brandon Haddock
CHAIR(S): Brandon Haddock
10:10 Holly M Worthen*, University of North Carolina, *Micro-credit and Gendered Moral Economies: A Case Study of Micro-credit Cooperatives in Rural Mexico.*
10:30 Jason R. Jurjevich*, University of Arizona, *An Examination of Non-Normative Gender Roles in Lake Winnebago's Sturgeon Spearing Community.*
10:50 Susanne Stenbacka*, Uppsala University, *Masculinities in motion - Gendered discourses of rural space and practises.*
11:10 Rebecca A Buller, MA*, University of Nebraska-Lincoln; Cynthia M. Williams, MPA, MRCP, ABD*, University of Nebraska-Lincoln, *Missing Women in Nebraska?.*

2250. Governing the environment II: Constructing democratic authority (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)

- Room:** Adams Room #2, Westin, 7th Floor (Paper Session)
ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan
CHAIR(S): David Wilkie, WCS
10:10 Leila Harris*, University Of Wisconsin, Madison, *Emerging Environmentalisms, Shifting States, and New Democracies in Turkey?.*
10:25 Jesse Ribot, PhD*, World Resources Institute, *Pluralism without Representation: Recognizing Democracy in Natural Resource Decentralization.*
10:40 Bonnie Kaserman*, University of British Columbia, *Imagined Geographies of Climate Change Science and Democracy.*
10:55 Yen-Chu Weng*, University of Wisconsin-Madison, *Diverging Interests, Diverging Knowledges: Democratize Ecological Restoration?.*
Discussant(s): Brent McCusker, West Virginia University

2251. When geographers do economics (Sponsored by Economic Geography Specialty Group)

- Room:** Great Republic #7, Westin, 7th Floor (Paper Session)
ORGANIZER(S): Chris Fowler
CHAIR(S): Chris Fowler
10:10 Christopher S. Fowler, Ph.D.*, University of Washington, *Migration and general equilibrium, an agent-based critique of geographical economics.*
10:30 Peter V. Hall, Dr*, Simon Fraser University, *Exploiting, eliminating or elaborating difference? Geography, economics and the labor market.*
10:50 Jamie Gough, Dr*, Sheffield University, England, *The business cycle, production change, and the location of workplaces.*
11:10 Ian R Gordon*, London School of Economics, *General Equilibrium and Uneven Development: debating the significance of north-south disparities in life chances in the UK with economists.*
Discussant(s): Barry Bluestone, Northeastern University

2255. Participatory GIS and online deliberative democracy: Reflections on a field experiment

- Room:** Beacon A, Sheraton, 3rd Floor (Panel Session)
ORGANIZER(S): Matthew W. Wilson, University of Washington; Kevin Ramsey, University Of Washington
CHAIR(S): Keiron Bailey, University of Arizona
Panelists: Kevin Ramsey, University Of Washington; Matthew W. Wilson, University of Washington; Martin Swobodzinski, San Diego State University; Piotr Jankowski, San Diego State University; Timothy L. Nyerges, University of Washington

2256. Diverse Economies 5: Social Enterprises in the Community Economy

- Room:** Beacon B, Sheraton, 3rd Floor (Paper Session)
ORGANIZER(S): Katherine D. Gibson, Australian National University; Julie Graham, University of Massachusetts
CHAIR(S): Stephen Healy, Miami University
10:10 Jenny Cameron*, *Building Viable Social Enterprises.*
10:30 Katherine D. Gibson*, Australian National University, *Building community economies through enterprise development in the Philippines: ethical challenges and diverse pathways.*

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10:10 AM - 11:50 AM

2200

10:50 Julie Graham*, University of Massachusetts Amherst,
*The Politics of Affect in the Community Economy:
Two Social Enterprises in the Pioneer Valley of
Massachusetts.*

11:10 Janelle Cornwell*, University of Massachusetts - Amherst,
*Multiple scales of ownership: the radical potency of
worker-owned cooperatives.*

11:30 Sally Miller*, Independent, *Argument and Equilibrium in
Democratic Food Economies.*

2257. Geographies of Brands and Branding II - Goods and Services

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Andy Pike, CURDS, Newcastle University
CHAIR(S): Andy Pike, CURDS, Newcastle University

10:10 Ivo Wengraf*, University of Liverpool, *What's On The
Tank: Brands in UK Motorcycling.*

10:30 Bodo Kubartz*, University of Oklahoma, *Sensing brands,
branding scents: on perfume creation in the fragrance
industry.*

10:50 Christian Patrick Heidkamp*, Southern Connecticut State
University, *Branding and Labeling in Guatemala's
Coffee Sector.*

11:10 Emma Jane Roe*, Southampton University; Marc Higgin,
Cardiff University, *Mapping the inconsistencies and
cultural incongruities of branded matter: making a
concern for animal welfare work.*

Discussant(s): Megan Blake, University of Sheffield

2258. Urban Identities

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rini Sumartojo, Simon Fraser University

10:10 Benjamin W. Stanley, MA Student*, Arizona State
University, *Embodied Social Capital through Socio-
Spatial Experience.*

10:30 Sara Colfax Crangle*, Miami University, *The politics
of self-destruction: gentrification, identity and local
cultural economy.*

10:50 Lia D Shimada*, University College London,
*Transforming Fire: New Narratives of Identity and
Place in the Northern Irish Peace Process.*

11:10 Nadine Cattani*, CNRS Géographie-Cités; Antoine Fleury,
University Paris I; Stéphane Leroy, University Paris
12- Val de Marne, *Gender in public space: beyond the
dominant meaning of the urban.*

11:30 Rini Sumartojo*, Simon Fraser University, *'Surrey
Jacks': Indo-Canadian Youth Violence and Racialized
Masculinity.*

2259. Water Resources Modelling: Planning for our Future

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Martin Clarke

10:10 Christina Lynn Manning*, West Chester University of
Pennsylvania; Gary Coutu*, West Chester University
of Pennsylvania, *The Use of Hydrologic Models
for Interactive Community Based Storm Water
Management.*

10:30 Yinhuan Yuan, Ph.D Student*, Department of Geography,
York University; Qiuming Cheng, Department of
Geography, Department of Earth and Atmospheric
Science York University, *OpenHydro: an Open
Source Java-based Object-Oriented Framework for
Rapid Conceptual Hydrological Modeling Software
Development.*

10:50 Gift Dumedah*, Department of Geography, University

of Guelph; Aaron Berg, Department of Geography,
University of Guelph, *A multi-objective based model
calibration of SWAT using NSGA-II.*

11:10 Kealohanuiopuna Mark Kinney*, Oregon State University;
James O. Juvik, Ph.D., University of Hawai'i at Hilo,
*Exceptional levels of forest Cloud-water interception
under ideal topographic and exposure conditions on a
trade wind Island: Lana`ihale, Hawai'i.*

11:30 Martin Clarke, Professor*, University of Leeds; Adrian
McDonald, Professor, University of Leeds, *Forecasting
Future Regional Water Demand: concepts, approaches,
techniques and problems.*

2260. Space-Time Disease Clusters Using Mobility Histories

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Jaymie Meliker; Geoffrey Jacquez,
BioMedware, Inc.

CHAIR(S): Jaymie Meliker

10:10 Jaymie Meliker, PhD*, Stony Brook University; Geoffrey
Jacquez, PhD, BioMedware, Inc., *Space-time
clustering of bladder cancer cases and controls using
residential histories: Insights into empirical induction
periods and age-specific susceptibility.*

10:30 Richard McNally*, Newcastle University; Freda
Alexander, University of Edinburgh; John Bithell,
University of Oxford; Gerald Draper, University of
Oxford; Tim Vincent, University of Oxford; Michael
Murphy, University of Oxford, *Space-time Clustering
of Childhood Cancer Around the Residence at Birth.*

10:50 Veronica Vieira, DSc*, BU School of Public Health,
Environmental Health Department; Thomas Webster,
DSc, BU School of Public Health, Environmental
Health Department; Janice Weinberg, ScD, BU
School of Public Health, Biostatistics Department;
Ann Aschengrau, ScD, BU School of Public Health,
Epidemiology Department, *Spatial-temporal analysis
of breast cancer as a function of residential history.*

11:10 Paolo Mulatti, DVM PhD*, Istituto Zooprofilattico
Sperimentale Delle Venezie; Uriel D. Kitron, MPH
PhD, Department of Pathobiology, Urbana, IL, USA;
Geoffrey M. Jacquez, MSc PhD, BioMedware,
Ann Arbor, MI, USA - The University of Michigan,
School of Public Health, Ann Arbor, MI, USA;
Alessandro Mannelli, DVM MSc PhD, European
Food Safety Authority (EFSA), Parma, Italy; Stefano
Marangon, DVM, IZSVe, Legnaro (PD), Italy,
*Evaluation of geographical exposure to infective farms
through the analysis of residential histories.*

11:30 Geoffrey M Jacquez, MS, Ph.D. *, BioMedware, Inc.;
Jaymie Meliker, PhD, Department of Preventive
Medicine, SUNY Stony Brook, *Tests for Space-Time
Interaction in Cancer Cases Accounting for Residential
Mobility, Empirical Induction Period, Covariates and
Risk Factors.*

WEDNESDAY, APRIL 16**10:10 AM – 11:50 AM****2200****2261. Geographies of Play II: Interrogating spaces of Play**

Room: *Beacon H, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Bethan Evans; Steve Millington, Manchester Metropolitan University

CHAIR(S): Bethan Evans

10:10 Gill Valentine, Professor*, University of Leeds, UK;

Kahryn Hughes, Dr, University of Leeds, UK;

Charlotte Kenten, Dr, University of Leeds, UK,

Internet gambling: home as a virtual playground?.

10:30 Peter Lugosi, PhD*, Bournemouth University,
Antipodeans for the afternoon: Alcohol, identity and landscapes of hospitality.

10:50 Dana Hercbergs*, University of Pennsylvania, *The Sukka as a Ludic Site in Jewish Tradition.*

11:10 Josh Lerner*, The New School for Social Research,
Playing with Power: Transformative Political Games in Participatory Democratic Processes.

2262. The intersection of informal science education and geography - Lessons learned from the BITS Program (Sponsored by Geographic Information Science and Systems Specialty Group, Urban Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: *Kent, Sheraton, 3rd Floor* (Panel Session)
 ORGANIZER(S): Michele Masucci, Temple University
 CHAIR(S): Michele Masucci, Temple University
 Panelists: Michele Masucci, Temple University; Lorena Munoz, University Of Southern California; Michael L. Dorn, Temple University; Langston Clement; Melody Grewell, Indiana University; Jeffrey Carroll; David J. Organ, Clark Atlanta University

2263. No place like home? Exploring and conceptualising contemporary refugee experiences (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)

Room: *Jefferson, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Ruth Healey, University of Sheffield
 CHAIR(S): Ruth Healey, University of Sheffield
 Introducer: Ruth Healey
10:15 Ruth L Healey*, University of Sheffield, *Tamil perceptions of success in employment: coping with the refugee experience.*
10:30 Will Poppe*, University at Buffalo, *Place, Agency and Integration: The Process of Refugee Resettlement in the Buffalo Metro Area.*
10:45 Gill Valentine, University of Leeds; Deborah Sporton*, University Of Sheffield, *Dr Deborah Sporton.*
11:00 Peter E Hopkins*, Newcastle University, UK, *The contested bodies of unaccompanied asylum-seeking children and young people in Scotland.*
 Discussant(s): Susan Hardwick, University of Oregon

2268. Religions, Nature, Landscapes (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Room: *Conference Room 1, Sheraton, 5th Floor* (Paper Session)
 ORGANIZER(S): Edward H. Davis, Emory & Henry College
 CHAIR(S): Edward H. Davis, Emory & Henry College
10:10 Janel M. Curry, Ph.D.*, Calvin College, *God and Nature: An Analysis of Post Katrina and Asian Tsunami Sermons.*
10:30 Olaf Kuhlke*, University Of Minnesota - Duluth, *Nature, Landscape, and the Construction of Sacred Space in Masonic Ritual.*
10:50 Edward H. Davis*, Emory & Henry College, *The Garden in Current Theology and Geography.*
 Discussant(s): Jennifer Kopf, West Texas A & M

2269. Third way urban policy: Land and property markets, instruments and regulation II: implications for urban societies and economies (Sponsored by Socialist and Critical Geography Specialty Group)

Room: *Conference Room 6, Sheraton, 5th Floor* (Paper Session)
 ORGANIZER(S): Tuna Tasan-Kok, TUDelft; Guy Baeten
 CHAIR(S): Tuna Tasan-Kok, TUDelft
10:10 Mike Raco*, King's College London, *From Expectation to Aspiration: The New Politics of Urban Policy in the UK.*
10:25 Maarten Loopmans*, Erasmus College Brussels, *Third way urban movements: a geography of conflict and mobilisation over urban renaissance in Antwerp, Belgium.*
10:40 Eliot M. Tretter, PhD*, The University of Texas at Austin, *The Cultures of Capitalism: Glasgow and the Monopoly of Culture.*
10:55 Anders Lund Hansen*, Lund University; Hsin-Ling Wu*, National Taiwan University; Sue-Ching Jou*, National Taiwan University, *New Asian Urbanism: property investment and neo-liberal urban politics.*
11:10 Tulin Gorgulu, Yildiz Technical University; Selim Okem*, Yildiz Technical University; Ebru Erdonmez, Yildiz Technical University, *Future Istanbul: Urbanization of Transnational Capital and Informational Flow.*
 Introducer: Tuna Tasan-Kok
 Discussant(s): Robert Kitchen, National University Of Ireland

WEDNESDAY, APRIL 16

11:55 AM – 12:55 PM

2300

1:00 PM – 2:40 PM

2400

11:55 AM – 12:55 PM**2310. Specialty Group Chairs Business Meeting***Room:* Suffolk Room, Marriott, 3rd Floor (Meeting Session)**2313. Facing Tomorrow's Challenges - USGS Science Strategy Talk***Room:* Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Mark D. Myers, United States Geological Survey

CHAIR(S): Mark D. Myers, United States Geological Survey

11:55 Mark D. Myers*, United States Geological Survey, *Facing Tomorrow's Challenges - U.S. Geological Survey Science in the Decade 2007-2017.**(see session description on page 38)***1:00 PM – 2:40 PM****2402. 'The prose of the world': geography in the humanities (Sponsored by Cultural Geography Specialty Group)***Room:* Clarendon Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Mitch Rose, University of Hull

CHAIR(S): John Wylie, University Of Exeter

1:00 Hayden Lorimer*, University of Glasgow, *Beauty's secrets and nature's surfaces.***1:20** Jessica Dubow*, University of Sheffield, U.K., *Blind Spots and Thought-Images: W.G. Sebald and the Language of Travel.***1:40** Mitch Rose*, University of Hull, *Pilgrims.***2:00** Denis E. Cosgrove*, University of California, *A Geography for the Humanities.***2403. The Pamir Mountains of Central Asia (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Mountain Geography Specialty Group, Asian Geography Specialty Group)***Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Stephen F. Cunha, Humboldt State University; Sarah Jean Halvorson, University of Montana

CHAIR(S): Stephen F. Cunha, Humboldt State University

1:00 Stephen F. Cunha*, Humboldt State University, *Complex Terrain: Two Decades of Progress and Peril in the Tajik Pamir.***1:20** Mathew Barlow*, University of Massachusetts Lowell, *Predicting river flows in Central Asia.***1:40** Karim-Aly Kassam*, Cornell University, *Understanding Indigenous Knowledge and Change: Findings from Afghan and Tajik Pamir.***2:00** Sarah J. Halvorson*, University of Montana, *Linking Water, Environmental Health, and Community Well-Being in Tajikistan.***2404. Reparative Environments? Spaces of Retreat and Recovery in the Contemporary West I (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group)***Room:* Exeter Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Geoffrey P. DeVerteuil, University of Southampton; David Conradson, University of Southampton

CHAIR(S): David Conradson, University of Southampton

1:00 Geoffrey P. DeVerteuil*, University of Southampton; Robert Wilton, McMaster University, *Stations of the Lost revisited: The geographical implications of the substance abuse treatment system.***1:20** Joshua Evans*, McMaster University, *Between Care and Control: The Hospitalization of the Chronically Homeless.***1:40** Michelle C. Love, M.A. Candidate*, McMaster University; Robert D. Wilton, Associate Professor, McMaster University, *Doing and Undoing Gender in Spaces of Addiction Treatment.***2:00** Robert P. Fairbanks II*, University of Chicago, *Statecraft and Urban Informality in Philadelphia's Recovery House Movement.***2:20** Stacey Murphy*, University of California, Berkeley, *Project Homeless Connect and the Logic of Voluntarism: A Post-Welfare Space of Homeless Service Provision in San Francisco.***2405. Advances in Paleoclimatology III (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)***Room:* Fairfield Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kevin John Anchukaitis, Columbia University; Bryan Shuman, University of Wyoming

CHAIR(S): Camille Holmgren, California State University, Long Beach

1:00 Kevin John Anchukaitis*, Lamont-Doherty Earth Observatory; Rosane R D'Arrigo, Lamont-Doherty Earth Observatory; Edward R Cook, Lamont-Doherty Earth Observatory; Rob Wilson, University of St. Andrews; Brendan M Buckley, Lamont-Doherty Earth Observatory; Paul J Krusic, Lamont-Doherty Earth Observatory; William E Wright, Lamont-Doherty Earth Observatory; John Sakulich, University of Tennessee, *Climate field reconstructions of Indian Ocean sea surface temperatures.***1:20** Neil Pederson*, Eastern Kentucky University; Edward R. Cook, Tree-Ring Lab of Lamont-Doherty Earth Observatory; Kevin J. Vranes, Center for Science and Technology Policy Research, University of Colorado at Boulder, *The Paleoclimatological Power of Biodiversity: 500 yrs of New York City Watershed Drought.***1:40** Kurt F. Kipfmüller*, University of Minnesota, *Reconstructing climate in the Boundary Waters Canoe Area Wilderness.***2:00** Bryan Shuman*, University of Wyoming; Anna Henderson, University of Minnesota; Colin Plank, University of Minnesota; Vanja Stefanova, University of Minnesota; Susy S Ziegler, University of Minnesota, *Savanna to Forest Transition Triggered by Dry Conditions in Minnesota after AD 1200.***2:20** Eugene Richard Wahl, Assistant Professor of Environmental Studies*, Alfred University, *Volcanic Forcing Fingerprint in Western North America.***2406. Enhancing the Student Learning Experience (Sponsored by Geography Education Specialty Group)***Room:* Harvard Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Derek France, University of Chester; John P Smith, University Of Wolverhampton

CHAIR(S): Derek France, University of Chester

Introducer: Derek France

1:05 Brian A. Shiplee, Dr*, University of Wolverhampton, *Student's attitudes to an environmental management fieldwork exercise.*

WEDNESDAY, APRIL 16**1:00 PM - 2:40 PM****2400**

1:24 Kirsty Magnier*, Experiential Learning CETL, *Fieldwork conceptions: are their differences between geography and geology as a discipline.*

1:43 John P Smith*, University Of Wolverhampton, *Perceptions and participative observation of group working in geographic fieldwork..*

2:02 Christopher Young*, University of Wolverhampton, *Expectations and Experiences: reflections on first year undergraduate fieldwork in Geography and Environmental Sciences..*

2:21 Derek France*, University of Chester; Chris Ribchester, University of Chester; Anne Wheeler*, University of Wolverhampton, *Podcasting Student Feedback: Perceptions and Experiences.*

2407. Russia and the Circumpolar World: Transforming Nations, Contested Frontiers-I (Culture, Environment and Space) (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Cultural Geography Specialty Group)

Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Andrey N Petrov, University of Toronto;

Timothy Edmund Heleniak, University of Maryland

CHAIR(S): Timothy Edmund Heleniak, University of Maryland

1:00 Roger W. Pearson*, University of Alaska; David Nordlander, Library of Congress, *Meeting of Frontiers: Russia and America in Alaska.*

1:20 Bill Overbaugh, Student*, University of Alaska, *Ecotourism in the Kamchatka Region of Russia: Transformation of the Economy, the Environment and Circumpolar Role in World Heritage Site Protection.*

1:40 Jessica K. Graybill, PhD*, Colgate University, *From environmental profligates to environmental subjects on Sakhalin Island: the emergence of locally contested environment through transnational civil society and economic transformation.*

2:00 Bella Bychkova Jordan, PhD*, University of Texas - Austin, *Totemism as artistic expression of traditional cultural ecology: comparative analysis of the use of ritual and totem poles among the peoples of northwest Siberia and the Pacific Northwest.*

2:20 Lawson W. Brigham, Dr.*, U.S. Arctic Research Commission, *Russia's Northern Sea Route and Future Arctic Marine Transportation.*

2408. Army Topographic Engineering Center and Customer / Stakeholder Requirements (Sponsored by Applied Geography Specialty Group)

Room: Northeastern Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Edwin C. Butterworth, United States Army Engineer Research & Development Center

CHAIR(S): Edwin C. Butterworth, United States Army Engineer Research & Development Center

Introducer: Edwin C. Butterworth

2409. Publishing in URBAN GEOGRAPHY (Sponsored by Urban Geography Specialty Group)

Room: MIT Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Peter O. Muller, University of Miami

CHAIR(S): Peter O. Muller, University of Miami

Introducer: Peter O. Muller

Panelists: Elvin K. Wyly, University of British Columbia;

Robert W. Lake, Rutgers University; John S. Adams,

University of Minnesota - Minneapolis; Susan Hanson,

Clark University; Meghan Cope, University of

Vermont; Steve Herbert, University of Washington

2411. R.S. Tarr Cryosphere Illustrated Paper Student Competition (Sponsored by Cryosphere Specialty Group)

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Andrew Klein, Texas A&M University

CHAIR(S): Andrew Klein, Texas A&M University

1:00 Debjani Ghatak*, The Graduate Center, The City University of New York; Allan Frei, Dr., Hunter College, The Graduate Center, CUNY, *Cryospheric Teleconnections in the Northern Hemisphere.*

1:02 Kyung In Huh*, The Ohio State University; Bea Csatho, SUNY-Buffalo; Cornelius Van der Veen, University of Kansas; Yushin Ahn, The Ohio State University, *Reconstructing Holocene Glacier Changes In West Greenland From Multispectral Aster Imagery.*

1:04 Gina R. Henderson*, University of Delaware, *Impacts of Northern Hemispheric snowcover and sea surface temperature anomalies on atmospheric circulation..*

1:06 Evan W. Burgess*, University of Utah; Richard R. Forster, University of Utah, Department of Geography; Jason W. Box, Byrd Polar Research Center, Department of Geography, The Ohio State University; Laurence C. Smith, Department of Geography, University of California, Los Angeles, CA, *Improving estimates of spatiotemporal patterns in annual Greenland accumulation rates.*

1:08 Jennifer N. Morris*, Texas A&M University; Andrew G. Klein, Texas A&M University, *Effects of Snow Impurities on the Spectral Albedo of Prairie Snowpacks.*

1:10 Joni Kincaid*, Texas A&M University; Andrew G Klein, Texas A&M University, *An Assessment of Regional Climate Trends and Changes to the Mt. Jaya Glaciers of Papua, Indonesia.*

2412. Geographies of Detention and Confinement III: Citizenship, Im/migration, and Mobility (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Lauren Martin, University of Kentucky;

Matthew Mitchelson, University of Georgia

CHAIR(S): Lauren Martin, University of Kentucky

1:00 Lauren L Martin, MA*, University of Kentucky, *From 'Catch and Release' to 'Catch and Return': Family Detention, Security, and Immigration Enforcement in the U.S..*

1:20 Alison Mountz*, Syracuse University, *Islands as enforcement archipelago: detention and the shrinking space of asylum.*

1:40 Francesca Manning*, The Albatross; Brett Story, Eyesteel Film, *Bridged Confinements, Shared Battlefields, Movement.*

2:00 Michael Collyer*, University of Sussex, *Controlling Public and Private 'Diaspora Spaces': The Strange Fate of Moroccans in Gibraltar.*

2:20 Alexandra Hall, Dr*, Durham University, *'Keeping the Initiative': Detention in the British Immigration and Asylum System.*

WEDNESDAY, APRIL 16

1:00 PM – 2:40 PM

2400

2413. Ecosystem Services: Research Directions

Room: Simmons Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Carl Shapiro, United States Geological Survey
 CHAIR(S): K. Bruce Jones, United States Geological Survey
 Panelists: Iris Goodman, US EPA; David Goodrich, USDA / ARS;
 William Hooke, American Meteorological Society;
 Mark D. Myers, United States Geological Survey; Bob
 O'Connor, National Science Foundation
 (see session description on page 38)

2414. Delivering Sustainable Buildings and Communities I: Questioning private sector-led urban regeneration and development policy implementation (Sponsored by Urban Geography Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Susannah Bunce, York University; Susan
 Moore, Cardiff University, Wales
 CHAIR(S): Susannah Bunce, York University
1:00 Mark Davidson*, University of Western Sydney, *Searching for the Socially Sustainable City*.
1:20 Julie Cidell*, University of Illinois at Urbana-Champaign, *A political ecology of the built environment: the LEED standards for green buildings*.
1:40 Terry Marsden*, Cardiff University School Of CIT; Julie Newton, BRASS, Cardiff University; Li Yu, Cardiff University, CPLAN, *Delivering sustainable communities? Production and consumption spaces in selected city-regions of China*.
2:00 Thomas Osdoba*, City of Portland, *Delivering Sustainable Buildings and Communities: questioning private sector-led urban regeneration and development policy implementation*.
 Discussant(s): James Evans, University of Manchester

2415. A "Different" Experience: Persons with Disabilities and Urban/Regional Realities (Sponsored by Urban Geography Specialty Group, Regional Development and Planning Specialty Group, Disability Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Vandana Wadhwa, Boston University
 CHAIR(S): Vandana Wadhwa, Boston University
 Discussant(s): Deborah S. Metzel, University of Massachusetts Boston
 Panelists: Todd Reynolds, Syracuse University; Lilith Finkler, Dalhousie University; Vandana Wadhwa, Boston University; Juana Ibáñez, University of New Orleans

2416. Exploring the Diversity of Military Geography (Sponsored by Military Geography Specialty Group)

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Joseph P. Hupy
 CHAIR(S): Joseph P. Hupy
1:00 Joseph P. Hupy, Ph.D*, University of Wisconsin - Eau Claire, *Assessing the impacts of war on a Vietnam battlefield: Khe Sahn, 30 years later*.
1:20 Douglas Batson*, U.S. Board on Geographic Names, *A Cadastral Model for Post-Conflict Reconstruction and Stability Operations*.
1:40 L. Jean Palmer-Moloney, Ph.D*, Barton College, *Blackwater USA: Place & Politics in the Dismal Swamp*.
2:00 Chuck Fahrer*, Georgia College & State University, *Revolution vs. Devolution: Territorial Issues in the Classification of Insurgencies*.
2:20 Yaïves Ferland*, Defence R&D Canada - Valcartier, *The Smelting Border: names and limits of contested Arctic*.

2417. Internal and External Global Integration

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): James O. Wheeler, University of Georgia
1:00 Troxl Miner*, *Geography of the U.S. Dollar*.
1:20 He Wang*, Syracuse University, *The Political Economy of China's Automotive Industry*.
1:40 Yasuyuki Motoyama*, UCLA, *Global Company, Local Innovations: Product Development of Prius by Toyota*.
2:00 Abigail M Cooke*, UCLA; Sara R. Curran, University of Washington, *Thai cassava export flows: A case of global complexity*.
2:20 James O. Wheeler*, University of Georgia, *Uneven Global Capitalism: Notes on the World's Largest Corporations*.

2418. Governing Global Value Chains and Networks

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Stefano Ponte, Danish Institute for International Studies; Timothy J. Sturgeon, Massachusetts Institute Of Tec
 CHAIR(S): Stefano Ponte, Danish Institute for International Studies
1:00 Momoko Kawakami*, Institute of Developing Economies, *Exploiting the Value Chains Modularity: Inter-firm Dynamics of the Taiwanese Notebook PC industry*.
1:20 Timothy J. Sturgeon*, Massachusetts Institute of Technology, *Modular Theory-Building in an Age of Globalization; the Global Value Chains Framework*.
1:40 Peter Gibbon*, Danish Institute of International Studies; Stefano ponte, Danish Institute for International Studies, *Global Value Chains: From Governance to Governmentality?*.
2:00 Ken Imai*, Institute of Developing Economies; Shiu Jingming, The University of Tokyo, *A Divergent Path of Industrial Upgrading: Emergence and Evolution of the Mobile Phone Handset Industry in China*.
2:20 Marianne Nylandsted Larsen*, Department of Geography and Geology, *The role of quality standards in governing the value chain for tea*.

2419. Livelihoods and Globalization in Sub-Saharan Africa (Sponsored by Geographic Perspectives on Women Specialty Group, Africa Specialty Group, Developing Areas Specialty Group)

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Ann Oberhauser, West Virginia University
 CHAIR(S): Ibipo Johnston-Anumonwo, SUNY Cortland
1:00 Ibipo Johnston-Anumonwo*, SUNY Cortland, *Contending Perspectives of Globalization Processes on African Informal Sector Workers*.
1:20 Angela M. Gray*, University of Kansas, *Political & Feminist Geographies of Forced Displacement in Africa*.
1:40 Ingrid L Nelson*, University of Oregon, *Land Rights, Gender Equity and Natural Resource Policy at the Community Scale in Rural Mozambique*.
2:00 Ann M Oberhauser, Geography Professor*, West Virginia University, *Negotiating Livelihoods within Neoliberal Economic Globalization*.
2:20 Ngakaemang Ben Mosiane*, Syracuse University, *Livelihoods, Resistance and Rights: the Cultures of Livelihood Formation in southern Africa*.

WEDNESDAY, APRIL 16**1:00 PM - 2:40 PM****2400****2420. Honouring Gordon L Clark (Sponsored by Economic Geography Specialty Group)**

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Panel Session)
ORGANIZER(S): Helen Lawton Smith, Birkbeck University of London; Sharmistha Bagchi-Sen, SUNY-Buffalo
CHAIR(S): Helen Lawton Smith, Birkbeck University of London
Introducer: Meric S. Gertler
Panelists: Jamie Peck, University of Wisconsin, Madison; Dariusz Wojcik, Oxford University Centre for the Environment; Gordon L. Clark, University of Oxford; Susan M. Christopherson, Cornell University; Harald Bathelt, University of Toronto; Tessa Hebb, Carleton University; Neil Wrigley, University of Southampton; Michael J. Taylor, University Of Birmingham

2421. Urban Structure

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Igor Vojnovic, Michigan State University
1:00 Kris Bezdecny*, University of South Florida Sarasota-Manatee, *Urban policy, theming, and uneven geographical development in Orlando, Florida.*
1:20 Antti Vasanen*, University of Turku, *Time, Scale and Dynamics of Urban Structure.*
1:40 Tim Leslie*, George Mason University, *Characteristics of the Urban Centers in Phoenix.*
2:00 Martijn J. Burger*, Erasmus University Rotterdam; Ronald Wall, Erasmus University Rotterdam, *Measuring Urban Competition Using a Relational Approach.*
2:20 Igor Vojnovic*, Michigan State University, *The Urban Built Environment and Travel in the Lansing Regional Context.*

2422. Local, Regional, and National Urban and Transportation Geography

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)
ORGANIZER(S): Program Committee
CJ Bright*, Salem State College, *The MBTA Silver Line: True Rapid Transit or A Glorified Bus?.*
Samir Dhar, Research Technician*, The University of Toledo; **Peter S. Lindquist**, Associate Professor and Chair, The University of Toledo, *A Comprehensive Intermodal Transportation Network for Great Lakes Commerce.*
James S. Peet*, Pacific Geographic LLC, *US Maritime Port Overweight Trucking Zones and Corridors.*
Sven Kesselring*, Technische Universität München; **Angela Poppitz**, TU Chemnitz; **Gerlinde Vogl**, Munich Institute for Social and Sustainability Research (MPS); **Kevin Hannam**, University of Sunderland; **Paola A. Jiron**, London School of Economics; **Frank Witlox**, Ghent University; **Jennie Germann Molz**, College of the Holy Cross, *The Cosmopolitan Network. The link to mobility research.*
Mamadou Coulibaly, Dr.*, University of Wisconsin Oshkosh; **Edward DeTrude, Mr.**, University of Wisconsin Oshkosh, *Transportation Related Labor Pool Improvement for the City of Sturgeon Bay, Wisconsin.*
Rebecca Alper*, Clark University, *The relationship between Land Values and Transit in Boston, MA: From the E line Streetcar to the #39 Bus.*
Ashley Marie Hayes*, Mississippi State University/NOAA Graduate Sciences Program, *Identifying Enhanced Tropical Rainfall Downwind of Urban Areas.*
Zeenat Kotval*, Michigan State University; **Igor Vojnovic**, Michigan State University; **Angelo Podagrosi**, Michigan State University; **Shannon Smith**, Michigan

State University; **Perry Varnakovida**, Michigan State University; **Gabriela Frask**, Michigan State University; **Joe Messina**, Michigan State University; **Bruce Pigozzi**, Michigan State University; **Joe Darden**, Michigan State University; **Jieun Lee**, Michigan State University, *Urban Form and Travel Behavior: Exploring the Lansing Capital Region, Michigan.*

Jack G. Dale, M. A., Applied Geography*, Independent Researcher; **Keith G. Debbage, PhD**, University of North Carolina - Greensboro, *Population Growth, Density and Migration of the Young, Single and College-Educated: U.S. Sunbelt Metropolitan Areas, 1990-2000.*
Sonya M Glavac*, Arizona State University, *Sense of Community in a Sunbelt Metropolis.*
Jonathan P. Schroeder*, Middlebury College, *Growth, Decline, Regrowth and Regression: Patterns of Population Trends within Major U.S. Urban Areas, 1950-2000.*
Judit Bartholy*, Dept. Meteorology, Eotvos Lorand Univ., Budapest, Hungary; **Rita Pongracz**, Dept. of Meteorology, Eotvos Lorand Univ., Budapest, Hungary; **Zsuzsanna Dezso**, Dept. of Meteorology, Eotvos Lorand Univ., Budapest, Hungary, *Analysis of the urban heat island of Central European cities using satellite measurements.*
Eira Tansey*, University of Cincinnati, *Carnegie Libraries in the Greater Cincinnati region.*
Brian Scott Martin*, Oklahoma State University, *The Evolution of Central Places Over Time: Measuring the Adaptability of Successful and Failed Boomtown Developments in North Central Oklahoma.*
Susan L. Jakubowski*, University of Cincinnati, *The difference between 'low income housing' and 'African American Legacy households': Language and symbolic power in the gentrification of Cincinnati's Over the Rhine.*
Sarah K. Champion*, Texas Christian University, *Urbanization in Fort Worth, Texas.*
David Dodman*, University of the West Indies, *Culture, Modernity and Planning in the Urban Caribbean.*
Sara Nelson*, Clark University, *Planning for the Future: Defining and Applying Sustainability in Planning and Development.*
Derek Eysenbach*, University of Arizona, *Planning from the Peloton: Participation and Pedagogy with Tucson's Cycling Community.*
James B. Foust*, University of Wisconsin; **Rachel Kjos**, University of Wisconsin - Eau Claire, *Space-Time Shifts in Rank-Size Primacy: 1790-2000.*
Rachel Kjos*, University of Wisconsin - Eau Claire, *Street Intersection Density As A Measure of Urban Sprawl.*
Joseph Kelly*, University of Wisconsin - Eau Claire; **Lisa J Theo, ABD**, UW-Stevens Point, *Testing Segregation Measurements in Milwaukee: Reality vs. Perception.*
F. Tyler Huffman, Ph.D*, Eastern Kentucky University; **C. Patrick Heidkamp, Ph.D.**, Southern Connecticut State University, *Identifying Neighborhood Change Using Aerial Photography and Census Data.*
Kevin Romig*, Texas State University, *Rivers as Commodity: Adapting Floodways as Tourist Retail Corridors.*
Virginia Elandt*, University of Wisconsin - Stevens Point; **Jordan Scupien**, University of Wisconsin - Stevens Point; **Lisa J. Theo, ABD**, University of Wisconsin - Stevens Point, *The Bus Stops Here: How Population Densities, Public Funding and Socioeconomic Status Affect the Availability and Use of Public Transit.*

WEDNESDAY, APRIL 16

1:00 PM - 2:40 PM

2400

Todd Lookingbill*, University of Maryland Center for Environmental Science, *Blurring boundaries: the ecosystem consequences of landscape change in the Potomac River watershed.*

Igor Vojnovic; Jieun Lee*; Zeenat Kotval; Pariwate Varnakovidia; Gabriela Frask; Shannon Smith; Joseph Messina; Ellen Velie; June Thomas; Kami Pothokuchi; Bruce Pigozzi; Joe Darden; Daniel Griffith, *The Social Dynamics of Accessibility and Travel Behavior: A Detroit Regional Context.*

Nissa Fink*, The University of Cincinnati, *The changing Islamic city: a preliminary evaluation of urban change in the Middle East.*

Amy Ncube Jones*, MTSU; Hari P Garbharran, Ph.D, Middle Tennessee State University, *A first hand look at three squatter communities in KwaZulu-Natal, South Africa.*

Paul Padegimas*, University of Connecticut; Jeffrey Osleeb, University of Connecticut, *The Effect of Air Traffic on Pollution Levels in US Metropolitan Areas.*

2423. Historical and Political Geography

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Grossman, Bar-Ilan University

1:00 Judy Schaaf*, University of Massachusetts Dartmouth, *"Mandeville's" Influence on the Catalan Atlas.*

1:20 Mathias Le Bossé*, Kutztown University of Pennsylvania, *The Geopolitics of Memory: 'D-Day' in a Post-Cold War World.*

1:40 Wesley J. Reisser*, UCLA, *Mapping the Peace - Border Proposals in Istria at the Paris Peace Conference.*

2:00 Alex G Papadopoulos, Associate professor*, DePaul University, *Vincentian Praxis in French State Formation--1625-1789.*

2:20 David Grossman*, Bar-Ilan University, *The Egyptian Migration to Palestine during Muhammad Ali's Period.*

2424. Feeling Consciousness and the Materiality of Meaning," Jeffrey Alexander, Lillian Chavenson Saden Professor of Sociology, Yale University

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Nicolas Howe, University of California - Los Angeles; J Nicholas Entrikin, University Of California

CHAIR(S): J Nicholas Entrikin, University Of California

1:00 Jeffrey Alexander, Yale Department of Sociology
Discussant(s): Stuart Elden, University of Durham; Nicolas Howe, University of California - Los Angeles

Panelists: J Nicholas Entrikin, University Of California

2425. Climate Specialty Group Paper of the Year (Sponsored by Climate Specialty Group)

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Adam W. Burnett, Colgate University

CHAIR(S): Adam W. Burnett, Colgate University

2426. Global Agricultural Monitoring: Domestic and International Perspectives (Sponsored by Rural Geography Specialty Group, Remote Sensing Specialty Group)

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Jessica McCarty, University of Maryland Department of Geography; Matthew Hansen, South Dakota State University

CHAIR(S): Jessica McCarty, University of Maryland Department of Geography

1:00 Matthew Hansen*, South Dakota State University; Jiyul Chang, South Dakota State University; Kyle Pittman, South Dakota State University; Mark Carroll,

University of Maryland; Charlene DiMiceli, University of Maryland, *MODIS vegetation continuous fields of crop type in support of NASS annual crop indicator mapping.*

1:20 Jessica McCarty, ABD*, University of Maryland, *Current and Future Carbon and Air Quality Emissions from Crop Residue Burning in the Contiguous US.*

1:40 Inbal Reshef*, University of Maryland College Park; Chris Justice, University of Maryland College Park, *Developing a Strategy for Global Agricultural Monitoring in the framework of Group on Earth Observations (GEO).*

2:00 Heather McNairn*, Agriculture and Agri-Food Canada; Jiali Shang, Agriculture and Agri-Food Canada; Catherine Champagne, Agriculture and Agri-Food Canada; Anna Pacheco, Agriculture and Agri-Food Canada; Eric Gauthier, Agriculture and Agri-Food Canada, *Providing Information on Land Management Activities Using Optical and Radar Satellite Data.*

2427. Informing GIScience with Indigenous Knowledge (Sponsored by Geographic Information Science and Systems Specialty Group, Indigenous Peoples Specialty Group)

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Karen Kemp

CHAIR(S): Karen Kemp

1:00 Renee Pualani Louis, ABD*, University of Hawaii, *Hawaiian Spatial Knowledge Systems and GIScience: Constructing a Shared Knowledge Space.*

1:20 David Stea, Ph D*, Center for Global Justice and Texas State University - San Marcos, *Further Steps Toward a Theoretical Basis for Ethnophysiology.*

1:40 David M. Mark*, University at Buffalo, *Defining Indigenous Landscape Categories Using General Principles from an Ontology.*

2:00 Christopher Wellen*, McGill University; Renee Sieber, Phd, McGill University, *Informing the Semantic Geospatial Web with Indigenous Peoples and Knowledge.*

2:20 Karen K. Kemp, PhD*, Independent Scholar, *Ha'ahonua: Integrating Hawaiian and Western Science Through GIS.*

2428. Spatial Data Analysis, Visualization, and Modeling

Room: Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anna R. Carson, Indiana State University

1:00 Benjamin Lewis, MRP, University of Pennsylvania*, Harvard University; Carla Tishler, M.Ed, Harvard Graduate School of Education*, Harvard Business School, *Building "Global Data Viz", a Tool to Support Spatio-Temporal Visualization of Globalization Data.*

1:20 Tetsuo Kobayashi*, Department of Geography, University of Utah; Harvey J Miller, Department of Geography, University of Utah, *An Interactive Visualization Tool for Mobile Objects.*

1:40 Anna R. Carson*, Indiana State University, *The Spatial-temporal Distribution of Factors that Contribute to the Decision to Pursue Postsecondary Education.*

2:00 Guoxiang Ding*, Ohio State University, *A Hybrid Graph-based Genetic Algorithm for Activity-Travel Pattern Analysis.*

2:20 Tal Svoray*, Ben-Gurion University; Itzhak Benenson, Tel Aviv University, *A virtual lab for testing modeler's dreams.*

WEDNESDAY, APRIL 16**1:00 PM - 2:40 PM****2400****2429. Making Age Friendly Communities I****Room:** Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Bonnie Hallman, University of Manitoba;

Richard Milgrom, University of Manitoba

CHAIR(S): Bonnie Hallman, University of Manitoba

1:00 Brandy A Carroll*, *Bridging Transportation Gaps for the Elderly in the Austin-Round Rock MSA.***1:20** John Colangeli*, University of Waterloo School of Planning, *A Conceptual Planning Model for Creating Ageing-Sensitive Communities for Older Adults.***1:40** Glenn Miller, FCIP, RPP*, Canadian Urban Institute, *Growing old in auto-dependent communities - What can be done to preserve quality of life?.***2:00** Richard Milgrom*, University of Manitoba, *Regulatory Impediments to Age Friendly Communities: Winnipeg MB.*

Discussant(s): Bonnie Hallman, University of Manitoba

2430. Urban and Economics**Room:** Orleans Room, Marriott, 4th Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jun Yang, Temple University

1:00 Thomas R. McCray, Ph.D.*, University of Missouri, *Re-Examining Transportation's Competitive Era.***1:05** Daniele Ietri*, Università e Politecnico di Torino, Italy; Francesca S. Rota, Università e Politecnico di Torino, Italy, *Have Their Say: An Interpretation of Competitiveness Adopting Firms' Point of View..***1:10** Scott A. Drzyzga, Ph.D.*, Shippensburg University; Paul G. Marr, Ph.D., Shippensburg University, *Warehousing and truck transportation in the Mid-Atlantic Region.***1:15** Misuk Lee*, Michigan State University, *The relationship between urban structure and commuting pattern.***1:20** Jun Yang*, Temple University; Qian Yu, University of Massachusetts Amherst, *Using remote sensing and GIS in urban gradient analysis: is the true trend revealed?.***1:25** Sharon C Cobb*, University of North Florida, *Re-defining offshore in the modern global economy.***1:30** Michael Waters*, Salem State College, *Starbucks and Dunkin' Donuts: A locational and economic analysis using GIS.***1:35** Stuart H. Sweeney*, University Of California Santa Barbara, *Globalizing Surfboard Manufacturing: From Craft Industry to Offshore Production.***1:40** Alan Bender*, Embry-Riddle Aeronautical University, *Long Before Airline Deregulation.***1:45** Angela Antipova*, Lsu; Fahui Wang, LSU, *Use of the centrality index.***1:50** Rene Veron*, University Of Guelph, *The Restructuring of Social Space in India.***1:55** Yelena Ogneva-Himmelberger*, Clark University; Amar Azucena Cid, Clark University; Rebecca Dezan, Clark University; Sheryl-Ann Simpson, Clark University, *Pizza joints, health clubs, bus routes, and GIS: Measuring accessibility to health-related community resources and its relationship with urban socio-demographic patterns.***2431. Heritage Tourism: Implications for Culture and Nature (Sponsored by Recreation, Tourism, and Sport Specialty Group)****Room:** Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Dallen J. Timothy, Brigham Young University

CHAIR(S): Dallen J. Timothy, Brigham Young University

1:00 Todd Courtenay*, UW-Madison, *Imagining, excavating, and re-creating Roma Antica: archaeology,**international travel, and the construction of heritage landscapes in 19th c. Rome..***1:20** Jennie Germann Molz, PhD*, College of the Holy Cross, *Mobile Landscapes of Authenticity: Rethinking the Relationship between Mobility and Authenticity in Heritage Tourism.***1:40** James A. Davis*, Brigham Young University; Richard H. Jackson, Brigham Young University, *Myth and Reality: Place Myths and the Creation of a Heritage Tourism Site.***2:00** Fu-Tzu Huang*, Kainan University, *Heritage Tourism in Tucheng City.***2:20** Dallen J. Timothy*, Brigham Young University; Ted F. Martens, Sustainable Travel International, *Cross-Border Cooperation in a Binational Heritage Area.***2434. Time Geography: Emerging Theoretical Developments, Implementations, and Applications (I) (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)****Room:** Maine Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Hongbo Yu, Oklahoma State University; Shih-Lung Shaw, University of Tennessee

CHAIR(S): Hongbo Yu, Oklahoma State University

1:00 Harvey J. Miller*, University of Utah, *Uncertainty in Time Geographic Queries.***1:20** Shih-Lung Shaw, Professor*, University of Tennessee; Hongbo Yu, Professor, Oklahoma State University; Ling Yin, University of Tennessee, *A Space-Time GIS for Time Geography: Requirements and Challenges.***1:40** Tijs Neutens*, Ghent University; Tim Schwanen, Utrecht University; Harvey Miller, University of Utah, *Measuring meeting possibilities.***2:00** Arnaud Banos*, LIV, CNRS; Sonia Chardonnel, PACTE, CNRS; Elodie Cochev, THEMA, CNRS; Thomas Thevenin, THEMA, CNRS, *Animating the aquarium: revealing space-time trajectories and pockets of local order through visualisation.***2:20** Hongbo Yu*, Oklahoma State University; Shih-Lung Shaw, The University of Tennessee; Leonard S Bombom, Oklahoma State University, *Exploring Patterns in Individual-based Activity Datasets: A Space-Time GIS Approach.***2435. Current Research on American Map Publishing of the 18th and 19th Centuries and Using Maps to Document Religion and the Art of the Frontier (Sponsored by Historical Geography Specialty Group)****Room:** New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Georgia Barnhill, American Antiquarian Society

CHAIR(S): Georgia Barnhill, American Antiquarian Society

1:00 David Bosse*, Historic Deerfield, *Maps In The Marketplace: Cartographic Vendors And Their Customers In 18th-Century America.***1:20** Kyle B. Roberts*, American Antiquarian Society, *Mapping Urban Religion in Early America.***1:40** Martin Brückner*, University of Delaware, *Beautiful Symmetry: John Melish, Spatial Cognition, and the Materiality of Maps.***2:00** Mary Peterson Zundo, Ph. D. Candidate*, University of Illinois, Urbana Champaign, *Nineteenth-Century Cartography and American Art of the Frontier.*

Introducer: Georgia Barnhill

WEDNESDAY, APRIL 16

1:00 PM – 2:40 PM

2400

2436. Researching Practice in the Space Economy: Possibilities and Limitations III (Sponsored by Economic Geography Specialty Group)

- Room:** Vermont Room, Marriott, 5th Floor (Paper Session)
 ORGANIZER(S): Andrew Jones, Birkbeck, University Of London; Jim Murphy, Clark University
 CHAIR(S): Andrew Jones, Birkbeck, University Of London
1:00 Weidong Liu*, Chinese Academy of Sciences; Henry Wai-chung Yeung, National University of Singapore, *Globalizing China: The Rise of Mainland Firms in the Global Economy*.
1:20 Yajing Li*, *Is a Chinese Bank in London Chinese? Negotiations of relations and practices of trust in global financial relations*.
1:40 Alison Stenning*, Newcastle University, UK; Smith Adrian, Queen Mary, University of London; Rochovska Alena, Comenius University; Swiatek Dariusz, Polish Academy of Sciences, *Livelihoods, assets and practices: Diverse economies, post-socialism and the geographies of neoliberalism*.
2:00 Adam Swain*, University of Nottingham, *Fixing capitalism in the Ukrainian Donbas: Commodities, calculation and capital*.
2:20 Andrew Cook*, University of Newcastle (UK), *Rethinking the Transnational Elite in Post-Socialist Prague: Everyday Practices and 'Making Do' in the Production of Exclusionary Space(s)*.

2437. Progress in Human Geography Lecture - "Of Shibboleths and Ruthless Critique"

- Room:** Massachusetts Room, Marriott, 5th Floor (Paper Session)
 ORGANIZER(S): Alexander B. Murphy, University of Oregon
 CHAIR(S): Victoria A. Lawson, University of Washington
 Introducer: Victoria A. Lawson
1:10 Neil Smith*, City University Of New York, *Of Shibboleths and Ruthless Critique*.

2438. Geography and Literature:1

- Room:** St. George A, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Jenny Carton, University of Sheffield; Jose Luis Romanillos, University of Bristol
 CHAIR(S): Jenny Carton, University of Sheffield
 Introducer: Jose Luis Romanillos
1:10 James McGregor, town planner/PhD candidate*, The University of Melbourne, *Australian Cold War Literature and the Stratified City*.
1:30 Mary Kelly*, NUI Maynooth; Paddy Duffy, NUI Maynooth, *Ambiguity of experience, subtleties of expression: literature and estate records in nineteenth century Ireland*.
1:50 Maria Jones*, Independent Researcher, *Geographies of Mobility in Michael Radford's film, William Shakespeare's The Merchant of Venice*.
2:10 Mike A. Crang*, Durham University, *Joycean Joggerfry: resiting, reciting and remembering urban life in Ulysses*.

2439. Evolving Smallholder Landscapes in Latin America and the Caribbean (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group)

- Room:** St. George B, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Katia R. Avilés-Vázquez, University of Texas - Austin; Gregory W. Knapp, University Of Texas - Austin
 CHAIR(S): Katia R. Avilés-Vázquez, University of Texas - Austin
1:00 Rolando Diaz Caravantes*, University of Arizona; Margaret Wilder, University of Arizona; Erick Sanchez Flores, Universidad Autonoma de Ciudad Juarez, *Water for the Environment and Local Livelihoods in the Context of Drought: A Case Study from Northern Mexico*.
1:20 Brad Jokisch*, Ohio University, *There's global and then there's global: Pressures on Shuar territory and land management*.
1:40 Bradley B. Walters, PhD*, Mount Allison University, *Event ecology in Saint Lucia: Explaining land use and vegetation change in two Caribbean watersheds*.
2:00 Gregory W. Knapp*, University Of Texas - Austin, *Strange partners: Irrigation political landscapes, smallholders, and modernization in the Equatorial Andes*.
2:20 Katia R. Avilés-Vázquez*, University of Texas - Austin, *To farm is to resist: the case of Puerto Rican farmers*.

2440. Fragile crossings: cooperation, migration, and identity in European border regions (Sponsored by European Specialty Group)

- Room:** St. George C, Westin, 3rd Floor (Panel Session)
 ORGANIZER(S): Guntram Herb, Middlebury College
 CHAIR(S): Guntram Herb, Middlebury College
 Introducer: Guntram Herb
 Panelists: Luna Vives; Corey Johnson, University of Oregon; Michelle Brym, The University of Tennessee; Anton Gosar, Faculty of Humanities Koper, University of Primorska; Olivier Kramsch, Radboud Universiteit

2441. Geographies of Media III: Advertising (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

- Room:** St. George D, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Jason Dittmer, University College London; Chris Lukinbeal, Arizona State University
 CHAIR(S): Rickie Sanders, Temple University
1:00 Kim McNamara*, University of Western Sydney, *From Pap Shot to High Street: Celebrities, Paparazzi and Fashion Branding*.
1:20 Bobby M. Wilson*, University Of Alabama, *Advertising, Race, and American Capitalism*.
1:40 M Marian Mustoe*, Eastern Oregon University, *Point Of Purchase Perceptions: Selling Products With Place*.
2:00 Tina Mangieri*, Texas A&M, *"Dubai is our everything": consumption, production, and Africa-Asia imaginaries*.
2:20 Ute Lehrer, York University; Michelle Szabo*, York University, *Constructing the City from the 40th Floor: Discourses of Toronto Condominium Advertising*.

WEDNESDAY, APRIL 16**1:00 PM - 2:40 PM****2400****2442. The College Classroom: A Place for Innovation***Room: Essex North-West, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jon Harbor, Purdue University

1:00 Amy T Seymour, Western Kentucky University; Debra Kreitzer*, Western Kentucky University, *Overcoming Geographic Illiteracy in a World Regional Geography Course.*

1:20 Birgit S. Neuer*, University of Cologne, *Teaching Language in the Geography Classroom.*

1:40 Carolyn Roberts*, University of Gloucestershire, UK; Mick Healey*, University of Gloucestershire, *From 'teaching' to 'discovery': Geography as a starting point for institutional change.*

2:00 Nancy Hoalst-Pullen*, Kennesaw State University; Mark W Patterson, Ph.D., Kennesaw State University, *Hands-on, Minds-on: A Student-created, On-campus Exercise Using Geocaching, GPS, and GIS.*

2:20 Jon Harbor*, Purdue University; Deborah Bennett, Purdue University; Melissa Dyehouse, Purdue University; Leon Walls, Purdue University, *PhD Students Meet the Realities of "visiting scientists" in Middle Schools: Learning to Teach, Teaching to Learn.*

2443. Variations in Regional Technology Trajectories III - Creative Agents and Beyond (Sponsored by Economic Geography Specialty Group, Regional Development and Planning Specialty Group)*Room: Essex North-East, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Dieter Franz Kogler, University of Toronto; David L. Rigby, Univ of California

CHAIR(S): Dieter Franz Kogler, University of Toronto

1:00 Rik Wenting*, Utrecht University; Koen Frenken, Utrecht University; Oedzge Atzema, Utrecht University, *The Economic Geography of Talent Circulation and Firm Performance in the Fashion Design Industry.*

1:20 Gregory Spencer*, University Of Toronto, *Creative Economies of Scale: an agent-based model of creativity and agglomeration.*

1:40 David Rigby*, UCLA - Geography; Brent Haydamack, UCLA, *Immigrant Workers and Technology in US Manufacturing.*

2:00 Bernhard Fuhrer*, University Berne, *Borderless Innovation Systems? - How open innovation transforms the geography of knowledge production - the case of Open Source software development.*

Discussant(s): William P. Anderson, Boston University

2444. China's Urban Space: Development Under Market Socialism (Sponsored by Urban Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)*Room: Essex North-Center, Westin, 3rd Floor (Panel Session)*

ORGANIZER(S): George Lin, University of Hong Kong; Alana Boland, University of Toronto

CHAIR(S): Yehua Dennis Wei, University of Utah

Discussant(s): Clifton W. Pannell, University of Georgia; Fulong Wu, Cardiff University

Panelists: George Lin, University of Hong Kong; Andrew M. Marton, University of Nottingham, Ningbo China; Mark Yaolin Wang, Melbourne University

2445. New Stories for Old Places I: Philosophy of Place for Indigenous Geographies (Sponsored by Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)*Room: Staffordshire, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Soren Larsen, University of Missouri; Jay T. Johnson, University of Nebraska

CHAIR(S): Ezra Zeitler, University Of Nebraska-Lincoln

1:00 Soren Larsen*, University of Missouri, *Possibilities for place-based ethics in existential phenomenology and 'new' indigenous social movements.*

1:20 Jay T. Johnson*, University of Nebraska, *Indigeneity, Autochthony and Place.*

1:40 Brian J. Murtun*, University of Hawaii, *Maori Place Making.*

2:00 Tibusungu'e Vayayana*, National Taiwan Normal University, *Weaving Spatial Knowledge and People into a new Autonomous Ontology: the case of Taiwan's Indigenous Cou Peoples.*

2:20 Mark H. Palmer*, University of Oklahoma, *Investing in Kiowa Country: A Story of Human Spirit and Memory.* (see session description on page 28)

2446. Vegetation Dynamics II (Sponsored by Biogeography Specialty Group)*Room: Parliament Room #1, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Charles W. Lafon, Texas A & M University; David Cairns, Texas A&M University

CHAIR(S): Charles W. Lafon, Texas A & M University

1:00 Alan H. Taylor, Professor of Geography*, Pennsylvania State University, *Fire history and forest change in Yosemite Valley, Yosemite National Park, California.*

1:20 AmberBeth VanNingen*, Minnesota State University - Mankato, *Post-fire Understory Vegetation Regeneration at Jewel Cave National Monument, South Dakota, USA.*

1:40 Justin Hart*, University of North Alabama; Henri Grissino-Mayer, University of Tennessee, *Gap-scale Disturbance Processes in a Secondary Hardwood Forest on the Cumberland Plateau, Tennessee.*

2:00 Mark D. Spond*, University of Tennessee; David W. Stahle, University of Arkansas; R. Daniel Griffin, University of Arkansas; Malcolm K. Cleveland, University of Arkansas, *Ancient Cypress-Tupelo Forest at the Dagmar Wildlife Management Area, Arkansas.*

2:20 Daehyun Kim*, Texas A&M University; David M. Cairns, Texas A&M University; Jesper Bartholdy, University of Copenhagen, *Spatial zonation of salt marsh vegetation in response to edaphic and topographic gradients across tidal creeks.*

2447. Marine Geomorphology as a Determinant for Essential Life Habitat III: An Ecosystem Management Approach to Planning for Marine Reserve Networks (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group, Geomorphology Specialty Group)*Room: Empire Room #6, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Dawn J. Wright, Oregon State University; William Heyman, Texas A&M University

CHAIR(S): Dawn J. Wright, Oregon State University

Introducer: Dawn J. Wright

1:01 Brian Andrews, USGS*, United States Geological Survey; Walter Barnhardt, USGS; Seth Ackerman, CZM; Anthony Wilbur, CZM, *The Role of Marine Geophysical Mapping in Characterizing and Managing Marine Ecosystems: A Federal/State Partnership for Massachusetts Coastal Waters.*

WEDNESDAY, APRIL 16

1:00 PM - 2:40 PM

2400

1:19 Mary Young, Seafloor Mapping Lab, CSU Monterey Bay Institute for Science and Environmental Policy; Pat J Iampietro*, Seafloor Mapping Lab, CSU Monterey Bay Institute for Science and Environmental Policy; Rikk G Kvitek, Seafloor Mapping Lab, CSU Monterey Bay Institute for Science and Environmental Policy, *Multivariate prediction of rockfish abundance and distribution in Cordell Bank National Marine Sanctuary and Del Monte shalebeds, California, USA.*

1:37 Sophie Magdalena De Beukelaer, MS*, Monterey Bay National Marine Sanctuary; Huff McGonigal, JD, Monterey Bay National Marine Sanctuary; Holly Price, PhD; Chad King, MS, Monterey Bay National Marine Sanctuary; Will McClintock, PhD, University of California at Santa Barbara, *Using Geographical Information Systems to Evaluate the Need for Marine Protected Areas in the Monterey Bay National Marine Sanctuary.*

1:55 Laura Kracker*, NOAA National Ocean Service; Matt Kendall, NOAA National Ocean Service, *Benthic Habitats as a Determinant for Biota: and vice versa..*

2:13 Lisa Wedding*, University of Hawaii at Manoa; Alan Friedlander, NOAA Biogeography Branch, *Integrating remote sensing, ecology, and GIS to examine the relationship between habitat complexity and fish assemblage structure for the optimal design of marine reserves in Hawaii.*

2448. Geomorphology Specialty Group Graduate Student Paper Competition III (Sponsored by Geomorphology Specialty Group)

Room: North Star Room #10, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Scott Lecce, East Carolina University
CHAIR(S): Scott Lecce, East Carolina University

1:00 Frank Lee Engel*, University of Illinois, *Geomorphic Characterization of a Fluvial System Using Clustering Algorithms.*

1:20 Ranbir S Kang*, Oklahoma State University, *Effects of Urbanization on Channel Morphology of Three Streams in the Central Redbed Plains of Oklahoma.*

1:40 Michael C A Bitton*, Louisiana State University, *Spit Beach-Dune Interactions, St. Joseph Peninsula, Florida.*

2449. Contemporary Exurban Growth and Change (Sponsored by Rural Geography Specialty Group, Population Specialty Group, Urban Geography Specialty Group)

Room: Defender Room #5, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Brian E Johnson, Indiana University
CHAIR(S): Brian E Johnson, Indiana University

1:00 Jennifer Mapes*, University of Southern California, *From outpost to exurb: The mythology and reality of American small towns.*

1:20 Jeff Crump*, University of Minnesota, *American dreams and phantasmagorias: Subprime lending in exurbia.*

1:40 Benjamin Shultz*, University of Tennessee; Brian E Johnson*, Indiana University, *A Network-Based Approach to Exurban Migration.*

2:00 Darla K Munroe*, Ohio State University, *Pattern-Based Evaluation of Exurban Development in Ohio.*

2:20 Robert S. Fiedler, York University; Jean-Paul D. Addie*, York University, *Beyond the City's 'Other': Towards a Research Agenda for the Canadian Suburbs.*

2450. Governing the environment III: Civil society and democratic governance (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)

Room: Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan

CHAIR(S): Saudiel Ramirez-Sanchez, Rutgers University

1:00 David S Wilkie*, WCS; Peter Coppolillo, WCS; John Fraser, WCS; Jane Carter Ingram, WCS; Roan McNab, WCS; Lilian Painter, WCS; Robert Wallace, WCS; Peter Zahler, WCS, *Building demand for democracy: the unheralded role of NGOs in community-based natural resources management.*

1:15 Neera M Singh, PhD. Candidate*, Michigan State University, *Democracy, Institutional Pluralism, and Women's Inclusion in Forest Governance.*

1:30 Betsy A. Beymer*, University of Illinois, Urbana-Champaign, *International Conservation, State Interests, and Local Democracy.*

1:45 Alexander Aylett*, UBC, *Conflict, Compromise and Climate Change: Participatory Democracy and Urban Environmental Struggles in Durban, South Africa..*

2:00 Charles C. Chester, Ph.D.*, Brandeis University, *Civil Society, Transnational Conservation, and Democratic Governance in North America.*

Discussant(s): Ashwini Chhatre, University of Illinois at Urbana-Champaign

2451. Taking the "Voodoo" out of Science: Improving Stakeholder-Science Communications (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Hazards Specialty Group)

Room: Great Republic #7, Westin, 7th Floor (Panel Session)

ORGANIZER(S): Connie Woodhouse, University of Arizona; Katie Hirschboeck, University Of Arizona

CHAIR(S): Connie Woodhouse, University of Arizona

Introducer: Katie Hirschboeck

Discussant(s): Connie Woodhouse, University of Arizona

Panelists: Gregory Carbone, University of South Carolina; Keith Ingram, Southeast Climate Consortium, UF; Nancy Beller-Simms, UCAR for NOAA; Sarah F. Trainor, University of Alaska - Fairbanks; John A. Harrington, Kansas State University; Barbara Morehouse; David Hassenzahl, University of Nevada, Las Vegas; Nancy Lewis, East-West Center; Brown Timothy

2455. Migrant Laborers

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Elizabeth A. Oglesby, University Of Arizona

1:00 Abhar Husain, PhD Candidate*, York University, *Social Dynamics of Remittances: Bangladeshi women migrant laborers.*

1:20 Sunita Dewitt*, University of Birmingham, *Economic Geographies of British Second Generation Ethnic Businesses.*

1:40 Giselle Valarezo*, Queen's University, *Out of Necessity and into the Fields: Migrant Farmworkers in St. Rémi, Quebec.*

2:00 Lois Labrianidis*, University of Macedonia Greece; Theodosios Sykas, University of Macedonia, *Migrant workers into the Greek rural areas: To what extent do they benefit from the rural development they produce?.*

WEDNESDAY, APRIL 16**1:00 PM - 2:40 PM****2400**

- 2:20** Elizabeth A. Oglesby*, University of Arizona, *'They Are Part of Our Community: The New Bedford Immigrant Raid and the Spaces of Detention.'*

2456. Diverse Economies 6: Scholar Activism and Pedagogy (Sponsored by Economic Geography Specialty Group)

Room: Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Stephen Healy, Miami University

CHAIR(S): Jenny Cameron

Introducer: Jenny Cameron

- 1:01** Stephen Healy, PhD*, Worcester State College, *Denaturalizing the Economy: Resubjectivation in the Classroom and Community.*

- 1:20** Chris Cavanagh, MES*, Faculty of Environmental Studies - York University, *A Modest Manifesto for Today's Organic Intellectual.*

- 1:40** (Margaret) Ann Hill*, Australian National University, *Training tools for the community economy: making an interactive CD for independent use.*

- 2:00** James M Delaney*, University of Toronto, *"It just makes me so mad!" Diverse economies, justice and the role of the researcher.*

- 2:20** Alison Mathie, Dr.*, Coady International Institute, *From Strength to Strength: Lessons learned from applying an asset-based approach to community development in three communities in the Philippines..*

2457. Geographies of Brands and Branding III Cities

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Andy Pike, CURDS, Newcastle University

CHAIR(S): Andy Pike, CURDS, Newcastle University

- 1:00** Andrew Harris*, University College London, *Branding urban space: cultural landscapes of the neoliberal city.*

- 1:20** Henrik Halkier*, Aalborg University; Anette Therkelsen*, Aalborg University, *Branding Provincial Cities - Rebuilding Community or Selling Place? A Comparative Analysis of Aarhus and Aalborg, Denmark.*

- 1:40** Susan Fitzpatrick*, Manchester Metropolitan University; Steve Millington, PhD, Manchester Metropolitan University, *Liverpool 2008: Everyday Creativity in a Branded City.*

- 2:00** Dominic J. Power*, University of Uppsala; Johan Jansson, University of Uppsala, *Fashioning the city: branding Milan.*

2458. Transnational Feminism, Violence and the Law (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)

Room: Beacon E, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Rachel Silvey, U. of Toronto; Patricia M. Martin, Université De Montréal

CHAIR(S): Minelle Mahtani

Introducer: Patricia M. Martin

Panelists: Linda Peake, York University; Beverley Mullings, Queen's University; Rachel Silvey, U. of Toronto; Minelle Mahtani; Patricia M. Martin, Université De Montréal; Deborah Cowen, University of Toronto

2459. Water, Floods, and Risk

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Norman Meek, California State University

- 1:00** Kevin D. Hyde*, USFS - METI; Douglas Ryan, US Forest Service, *Assessing Risk to Water Quality Following Wildland Fire.*

- 1:20** James Kendra*, Department of Public Administration, University of North Texas; Brandi Lea, Department of Public Administration, University of North Texas; Tricia Wachtendorf, Disaster Research Center, University of Delaware, *Coordination and Partnerships in the Waterborne Evacuation of Manhattan on September 11, 2001.*

- 1:40** Xueqin (Elaine) He*, Texas State University - San Marcos; John Tiefenbacher, Texas State University-San Marcos, *What Makes Floodplain Residents Satisfied with Their Home Location?.*

- 2:00** Dacosta Aboagye*, *Flooding Risk and Human Vulnerability in Ghana-Accra.*

- 2:20** Norman Meek*, California State University, *Urbanization and Flood Risk in Inland Southern California.*

2460. Space-Time I : Affect, Struggle...Everyday

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Gregory Thomas Donovan, The City University of New York, Graduate Center; David Spataro, City University of New York

CHAIR(S): Bruce Braun, University of Minnesota - Minneapolis

- 1:00** Tim Schwanen*, Utrecht University, *Performing space-times: Implications for everyday mobility.*

- 1:20** William Mangold*, CUNY Graduate Center, *Becoming a Time-Space Compressor: A First Person Account.*

- 1:40** Katera Y Moore, MES*, The Graduate Center - CUNY, *Macro Economic Restructuring and Socio-economic Conditions in North Central Philadelphia.*

- 2:00** Collette Sosnowy*, Graduate Center of the City University of New York, *The Space-Time of Grief.*

- 2:20** Scott Larson*, Graduate Center, City University of New York, *Whose City Is It Anyway? The Rehabilitation of Robert Moses, Re-Thinking Jane Jacobs and Redevelopment In New York City During the Bloomberg Administration.*

2461. Geographies of Play III: Embodied, emotional, sensory geographies of play

Room: Beacon H, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Bethan Evans; Steve Millington, Manchester Metropolitan University

CHAIR(S): Bethan Evans

- 1:00** Katrinka C. Somdahl-Sands*, NUI Galway, *'A Most Serious Form of Play': Dancing Difference on an Urban Street.*

- 1:20** Elizabeth Housley*, City University of New York Graduate Center, *An UnderGrounded Theory: Social and Sensory Dimensions of Cave Exploration.*

- 1:40** Tara Woodyer*, Royal Holloway, University of London, *Playful Geographies: configuring imaginative and virtual spaces of play.*

- 2:00** James Nicholas Ash, BA, MSc*, University of Bristol UK, *Playing with cognition: Video games design and the techniques of play.*

WEDNESDAY, APRIL 16

1:00 PM - 2:40 PM

2400

2462. Experiencing Urban Aesthetics I : Theorising encounters in designed urban spaces**Room:** Kent, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Monica Degen; Gillian Rose, The Open University

CHAIR(S): Begum Basdas

1:00 Alessandro Angelini*, CUNY Graduate Center, *Imagination and Replica: Morrinho and the Production of Urban Knowledge in Rio de Janeiro.***1:20** Stefano Bloch, Ph.D Student*, University of Minnesota, Geography, *Strange Bedfellows in the Aestheticization of Space: Graffiti Writers, Business Owners, and Public Policy Makers..***1:40** Jeremy C. Wells*, Clemson University; Elizabeth E. Baldwin, Ph.D., Clemson University, *Understanding How People Value the Design of Historic Urban Residential Environments.***2:00** Ellen Hostetter*, Randolph College; Ellen Hostetter, Randolph College, *Engaging Emotions and Aesthetics through the Public Housing Landscape.*

Discussant(s): Tim Edensor, Manchester Metropolitan University

2463. Lay Science and the Environment I: Paper Session (Sponsored by Cultural and Political Ecology Specialty Group)**Room:** Jefferson, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Jill Harrison, University of Wisconsin-Madison; Roopali Phadke, Macalester College

CHAIR(S): Jill Harrison, University of Wisconsin-Madison

1:00 Rachel Morello-Frosch*, UC Berkeley - Department of Environmental Science, Policy and Management; Phil Brown, Ph.D., Brown University; Julia Green Brody, Ph.D., Silent Spring Institute; Rebecca Altman, Brown University; Ruthann Rudel, Silent Spring Institute; Carla Perez, Communities for a Better Environment, *Experts, Ethics, and Environmental Justice: New Approaches to Reporting on Body Burden and Household Exposure Data.***1:20** Gavan P.L. Watson*, Faculty of Environmental Studies, York University, *The birder and the robot: Power and knowledge-making in ornithology.***1:40** Roopali Phadke*, Environmental Studies, Macalester College, *Visualizing Wind Energy: The Interplay of Community and Expert Knowledge Politics.***2:00** Jill Harrison*, University of Wisconsin-Madison, *Lay Science in the Pesticide Regulatory Process: Implications for Public Health, Public Participation, and other Principles of Environmental Justice.*

Discussant(s): Sheila Jasanoff, Harvard University

2468. Religions, Places, Spaces (Sponsored by Geography of Religions and Belief Systems Specialty Group)**Room:** Conference Room 1, Sheraton, 5th Floor (Paper Session)

ORGANIZER(S): Edward H. Davis, Emory & Henry College; Cristina Notaro, CUNY Graduate Center

CHAIR(S): Janel M. Curry, Calvin College

1:00 Roger W. Stump*, SUNY - Albany, *Spatial Discourse and Action among Unconventional Religions.***1:20** Mark Bjelland, Ph.D. *, Gustavus Adolphus College; Bradley Utecht, Gustavus Adolphus College, *Beyond the Parish Bounds: The Changing Faces and Spaces of Minneapolis' Lutherans.***1:40** Cristina Notaro*, CUNY Graduate Center, *Approaching Interfaith in the Geography of Religion.***2:00** Crista M. Livecchi*, University at Albany, SUNY, *Conversion or Community? Understanding the Spatial Distribution of Megachurches.*

Discussant(s): Peter E Hopkins, Newcastle University, UK

2469. Third way urban policy: Land and property markets, instruments and regulation III: local actors (Sponsored by Socialist and Critical Geography Specialty Group)**Room:** Conference Room 6, Sheraton, 5th Floor (Paper Session)

ORGANIZER(S): Tuna Tasan-Kok, TUDelft; Guy Baeten

CHAIR(S): Mark Boyle, National University of Ireland Maynooth

1:00 Anne Haila*, University of Helsinki, *The city of Helsinki as a real estate entrepreneur.***1:15** Sabine Knierbein*, PHD Candidate at Bauhaus University Weimar, *Publicly owned open spaces and design-related coalitions in Berlin.***1:30** Yesim Sungu-Eryilmaz*, Lincoln Institute of Land Policy; Rosalind Greenstein, Lincoln Institute of Land Policy, *National Status of Community Land Trusts in the United States.***1:45** Robert Rogerson*, University Of Strathclyde, *Creating sustainable communities: affordable housing and property markets.***2:00** Emma Tunney*, King's College London, *SME Competitiveness, Flagship Regeneration, and the Politics of Local Economic Development in the UK: The London Olympics 2012.*

Introducer: Mark Boyle

Discussant(s): Michele Raco, King's College London

WEDNESDAY, APRIL 16**3:10 PM - 4:50 PM****2500****3:10 PM - 4:50 PM****2503. Medical Geography: Regional Issues***Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Donald Shambaugh-Miller, University of Nebraska Medical Center

3:10 Bo Malmberg, Professor*, Dept. Human Geography, Stockholms University; Eva Andersson, PhD, Institute for Housing and Urban Research, Uppsala University, *Health as a Factor in Regional Economic Development*.

3:30 Stacey R. Brown*, Oklahoma State University; Jonathan C. Comer, Oklahoma State University, *Bad Medicine: Analyzing Regional Health Inequalities in Oklahoma*.

3:50 Norman Oliver, M.D., M.A.*, University of Virginia; Mark E. Smolkin, M.S., University of Virginia, *GIS used to analyze race and socioeconomic status in prostate cancer incidence in the Southeastern United States*.

4:10 Matthew A Petcoff*, Macalester College, *Lyme Disease in Minnesota: A geographic perspective*.

4:30 Michael Donald Shambaugh-Miller, Ph.D.*, University of Nebraska Medical Center; Nicole VanOsdel, M.A., University of Nebraska Medical Center, *The Impact of Community Characteristics Upon Rural Independent Pharmacies*.

2504. Reparative Environments? Spaces of Retreat and Recovery in the Contemporary West II (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group)

Room: Exeter Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Geoffrey P. DeVerteuil, University of Southampton; David Conradson, University of Southampton

CHAIR(S): Geoffrey P. DeVerteuil, University of Southampton

3:10 Ronan Foley*, NUI Maynooth, *To Heal or to Pamper? Re-selling and Re-telling the Spa.*

3:30 Jo Little*, University Of Exeter, Dept. Of Geography, *The spa and the contradictory spaces of gender identity, the natural body and technology.*

3:50 David Conradson*, University of Southampton, *Places of Retreat: The Experiential Possibilities of Dwelling Elsewhere*.

4:10 Frank S. Muscara, PhD Student*, CUNY Graduate Center, *The Urban Experience of Restorative Environments*.

4:30 Jesse Proudfoot*, Simon Fraser University, *Harm Reduction Policy and the "Obscene Jouissance of the Other"*.

2505. Advances in Paleoclimatology IV (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)

Room: Fairfield Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kevin John Anchukaitis, Columbia University; Camille Holmgren, California State University, Long Beach

CHAIR(S): Kurt F. Kipfmüller, University of Minnesota

3:10 Timothy Beach*, Georgetown University; Sheryl Luzzadder-Beach, George Mason University; Nicholas Dunning, University of Cincinnati, *Wetland Formation and Land Use Responses in the Maya Lowlands*.

3:30 Michelle Goman*, Dept. Earth and Atmospheric Sciences, Cornell University; Lynn B Ingram, Dept. of Earth and Planetary Science, University of California, Berkeley; Are Strom, WDFW, Point Whitney Shellfish Lab,

Composition of stable isotopes in Panopea Abrupta (Geoduck) shells: A preliminary assessment of annual and seasonal paleoceanographic changes in the Northeast Pacific.

3:50 Alberto Reyes*, University of Alberta; Duane Froese, University of Alberta; Neil Loader, University of Swansea; Mary Gagen, University of Swansea; Britta Jensen, University of Alberta, *The paleoclimate potential of last interglacial 'forest beds' in unglaciated Yukon and Alaska*.

4:10 Jeffrey P. Donnelly*, Woods Hole Oceanographic Institution; Jonathan D Woodruff, WHOI/MIT; Phil Lane, WHOI/MIT; Maya Gomes, WHOI, *Late Holocene Coastal Archives of Intense Tropical Cyclone Activity: Patterns and Climatic Forcing*.

4:30 Franco Biondi*, DendroLab, University of Nevada, *Inequality in paleorecords: an interdisciplinary tale*.

2506. Geographers in Partnership with Local Communities (Sponsored by Geography Education Specialty Group)

Room: Harvard Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Olga L. Medvedkov, Wittenberg University; Ellen Percy Kraly, Colgate University

CHAIR(S): Olga L. Medvedkov, Wittenberg University

3:10 Ellen Percy Kraly*, Colgate University, *Local, Regional and International Partnerships: Colgate's Upstate Institute, Geography and Conservation through Public Health, Uganda*.

3:30 Robert Brinkmann, Ph.D.*, University of South Florida, *Sustainability and Community Engagement: A Case Study from Clearwater, Florida*.

3:50 Robert Winston Taylor, PhD*, Montclair State University, *Local Brownfields Investigations and Student-Faculty Collaborations*.

4:10 Charles Mahaffey*, Augustana College; Norman Moline, Ph.D., Augustana College, *Augustana's Geography Network of Community Academic Associates*.

4:30 Paul Schadewald, Dr.*, Macalester College; David Lanegran, Dr., Macalester College; Holly Barcus, Dr., Macalester College; Daniel Trudeau, Dr., Macalester College; Laura Smith, Dr., Macalester College; Birgit Muehlenhaus, Macalester College, *Geography and Models of Civic Engagement at Macalester College*.

2507. Russia and the Circumpolar World: Transforming Nations, Contested Frontiers-II (Economy, Politics and Space) (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group, Canadian Studies Specialty Group)

Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Andrey N Petrov, University of Toronto; Timothy Edmund Heleniak, University of Maryland

CHAIR(S): Andrey N Petrov, University of Toronto

3:10 Jeremy Tasch*, Towson University, *Frozen Lines, Melting Ice: Russian Claims to Northern Territory*.

3:30 David Monahan*, University of New Hampshire, *The impacts of a non-accepted boundary claim: Russia's frontier in the Arctic Ocean*.

3:50 Timothy Edmund Heleniak*, University of Maryland, *Migration and Regional Development Russia's Northern Periphery*.

4:10 Tatiana Mikhailova*, Boston University, *Where Russians Should Live: A Counterfactual Alternative to Soviet Location Policy*.

4:30 Andrey N Petrov*, University of Toronto, *Hegemonic Projects in Marginal Space: Struggling with Development in the Canadian and Russian Norths*.

WEDNESDAY, APRIL 16

3:10 PM - 4:50 PM

2500

2508. Refugee experiences: International perspectives (Sponsored by Population Specialty Group, Canadian Studies Specialty Group, Ethnic Geography Specialty Group)*Room:* Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Yu Zhou, Vassar College; Wei Li, Arizona State University

CHAIR(S): Thomas Sydney Carter

3:10 Priya N. Kissoon, PhD*, University of British Columbia, *From Persecution to Destitution: An Examination of How Canada and the UK Meet the Housing Needs of Refugee Newcomers.***3:30** Linda S. Fair, Ph.D.*, Binghamton University, *Integration Paradigms in Denmark - The Refugee Challenge.***3:50** Thomas Sydney Carter, Professor of Geography*, University of Winnipeg, *The Housing Trajectories of Refugees in Winnipeg: Do They Lead to Successful Resettlement and Integration?***2509. Using The Psid For Geographical Research: A Panel Discussion (Sponsored by Population Specialty Group)***Room:* MIT Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Suzanne Davies Withers, University of Washington; William Clark, University of California - Los Angeles

CHAIR(S): Suzanne Davies Withers, University of Washington

Panelists: William Clark, University of California - Los Angeles; Suzanne Davies Withers, University of Washington; Tricia Ruiz, University of Washington; Elise Bowditch, University of Washington

2510. New Directions in Land Change Science (Sponsored by Human Dimensions of Global Change Specialty Group)*Room:* Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Tom Evans, Indiana University; Steven M. Manson, University Of Minnesota

CHAIR(S): Tom Evans, Indiana University

3:10 Emilio F. Moran*, Indiana University, *Population and Environment in the Amazon Basin.***3:30** Krister Andersson*, U of Colorado at Boulder, *National Policies, Local Institutions, and Environmental Change: The Challenge to Isolate the Environmental Effects of Human Institutions.***3:50** Dan Brown*, University of Michigan, *Land Use and Vulnerability to Environmental Variability and Change: The Case of Flooding at Poyang Lake, China.***4:10** Stephen J. Walsh*, Univ of North Carolina, *People and Environment in a World Heritage Site: Directions and Challenges in the Galapagos Islands.***4:30** Billie L. Turner II*, Clark University, *Sustainable Land Architecture.***2511. Energy, the Environment and Biogeography***Room:* Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Elyssa Davis, Hunter College - City University

3:10 Ionel Florin Pendea*, Department of Geography and Global Environment and Climate Change Centre, McGill University; André Costopoulos, Department of Anthropology, McGill University; Vera Pospelova, School of Earth and Ocean Sciences, University of Victoria; Gail Lois Chmura, Department of Geography and Global Environment and Climate Change Centre, McGill University, *Paleoecological reconstruction of the late Tyrell Sea phase at Old Factory Lake, eastern James Bay, Québec.***3:15** Kim Pham*, California State University, Fullerton, *Kitchen Gardens in the Vietnamese American Community: Socioeconomic Factors Affecting Garden Composition and Diversity.***3:20** Lucas McEachron*, Florida Fish and Wildlife Research Institute, *Retooling a Seagrass Monitoring Program: New Methods and Confident Results.***3:25** Ian J. Berdie*, University of Miami, *The Effects of Forest Disturbance on the Distribution of Storm's Stork, Ciconia stormi, on Borneo.***3:30** Robert M. Pringle, Stanford University; Mindy Syfert*, Stanford University; Jonathan K. Webb, University of Sydney; Richard Shine, University of Sydney, *Evaluating object-based image analysis for mapping historical vegetation changes of an endangered species habitat.***3:35** Karen Russ, Graduate Student*, University of Wisconsin - Madison; Stephen Jackson, Professor, University of Wyoming; Alayn Larouche, Professor, University of Montreal; Pierre Richard, Professor, University of Montreal; Jack Williams, Assistant Professor, University of Wisconsin-Madison, *Expansion of the North American Plant Macrofossil Database.***3:40** Cathryn Whately*, Western Michigan University, *Habitat Suitability Modeling for Lake Huron Tansy in the Great Lakes Region.***3:45** Paula Zimmerman*, Clark University, *The Influence of Environmental Policy on Gold Mining Practices and Environmental Impacts in the Finnish Lapland.***3:50** Carrilea Littleford*, University Of North Alabama, *Watershed Modeling in the Tennessee Valley.***3:55** Peter L. Grimm*, NOAA/NESDIS; Howard J. Diamond, NOAA/NCDC, *A OneNOAA Approach to Answering Citizens' Frequently Asked Questions.***4:00** Brian W. Okey, Ph.D.*, Indiana University of Pennsylvania, *Application of Pennsylvania Natural Heritage Inventory Data to Wind Turbine Siting.***4:05** Elyssa Davis*, Hunter College - City University, *Community Participation in Rural Water Supply and Sanitation in the Dominican Republic.***2512. Geographies of Detention and Confinement Panel: Challenges of Fieldwork (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)***Room:* Tufts Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Lauren Martin, University of Kentucky; Matthew Mitchelson, University of Georgia

CHAIR(S): Matthew Mitchelson, University of Georgia

Panelists: Lauren Martin, University of Kentucky; Matthew Mitchelson, University of Georgia; Lisa Bhungalia, Syracuse University; Laura Piacetini, Strathclyde Law School, University of Strathclyde

2513. Ecosystem Services: Spatial Research Perspectives*Room:* Simmons Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Jon Campbell, United States Geological Survey; Kenneth Bruce Jones, United States Geological Survey; Carl Shapiro, United States Geological Survey

CHAIR(S): Rick A. Linthurst, US EPA

Panelists: Roger Sayre, United States Geological Survey; James Wickham, US EPA; G. Ronnie Best, United States Geological Survey; Greg Arthaud; Thomas Cecere, United States Geological Survey

(see session description on page 38)

WEDNESDAY, APRIL 16**3:10 PM - 4:50 PM****2500**

2514. Delivering Sustainable Buildings and Communities II: Questioning private sector-led urban regeneration and development policy implementation (Sponsored by Urban Geography Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Susannah Bunce, York University; Susan Moore, Cardiff University, Wales
 CHAIR(S): Susan Moore, Cardiff University, Wales
3:10 Declan Redmond*, University College Dublin; Paula Russell, University College Dublin, *Communities for Sale? Sustainable Urban Regeneration of Social Housing in Dublin.*
3:30 Susannah Bunce*, York University, *Gentrifying Sustainability: Planning, Policy, and the Development of Sustainability on Toronto's Central Waterfront.*
3:50 Mook Han Kim*, Rutgers University, *Who or What Leads the Diffusion of Green Buildings in the U.S.?*
4:10 Ann Dale, PhD*, Royal Roads University; Lenore L Newman, PhD*, Royal Roads University, *Sustainable Development for Some: "Green" Urban Development and Affordability.*
 Discussant(s): Rob Krueger, Worcester Polytechnic Institute

2516. Geopolitics and Military Tactics in Ancient Israel (Sponsored by Bible Geography Specialty Group, Military Geography Specialty Group)

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): William A. Dando, Indiana State University
 CHAIR(S): William A. Dando, Indiana State University
3:10 William A. Dando*, Indiana State University, *Weather, Terrain, and Warfare in Ancient Israel.*
3:30 Bruce R. Crew, Dr.*, Michigan State University, *A Reassessment of the Geo-Political Impact of King David's Military Activities in Ancient Israel.*
3:50 Perry G. Phillips, Ph.D.*, Gordon College, *Rehoboam's Defenses for Judah in the 9th Century BCE.*
4:10 Gordon Franz*, Associates for Biblical Research, *The Geography and Military Strategy of King Uzziah: An Expansionist Policy that Led to His Destruction.*
4:30 Stephen Benzek, MS-GIS candidate*, University of Redlands, *Using GIS to Reveal the Early Christian Narrative Landscape.*

2517. Ethics, Justice and Human Rights Specialty Group Plenary Lecture: Just carbon: Emissions trading, offsets, and the ethics of climate policy (Sponsored by Cultural and Political Ecology Specialty Group, Climate Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Monica Varsanyi, Arizona State University
 CHAIR(S): Monica Varsanyi, Arizona State University
 Introducer: Amy Glasmeier
 Introducer: Monica Varsanyi
 Panelists: Diana M. Liverman, University Of Oxford

2518. Publishing in the Annals and the PG (Sponsored by Association of American Geographers)

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Carol P. Harden, University of Tennessee
 CHAIR(S): Carol P. Harden, University of Tennessee
 Panelists: Sharmistha Bagchi-Sen, SUNY-Buffalo; Mei-Po Kwan, Ohio State University; Peter O. Muller, University of Miami; Jay D. Gatrell, Indiana State University; Audrey L. Kobayashi, Queen's University

2519. Glaciers in Changing Mountain Environments: Processes and Impacts (Sponsored by Cryosphere Specialty Group, Mountain Geography Specialty Group)

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Bryan G. Mark, The Ohio State University; Jeffrey Bury, University of California, Santa Cruz
 CHAIR(S): Bryan G. Mark, The Ohio State University
3:10 Richard A. Marston*, Kansas State University; Kyle Cheesbrough, University of Wyoming; Glenn Tootle, University of Wyoming; Greg Kerr, University of Wyoming, *Glacier Changes and Weather Modification, Wind River Range, Wyoming.*
3:30 Jeffrey Adam VanLooy, Ph.D.*, Radford University; Richard R Forster, Ph.D., University of Utah, *Comparison of two techniques for calculating surface elevation changes of mountain glaciers..*
3:50 Michael P. Bishop, Ph.D*, University of Nebraska-Omaha; Umesh K. Haritashya, Ph.D, University of Nebraska-Omaha; John F. Shroder Jr., Ph.D, University of Nebraska-Omaha; Henry H. H. Bulley, Ph.D, University of Nebraska-Omaha, *Global Land Ice Measurements From Space: Glacier Fluctuations in Pakistan.*
4:10 Bryan G. Mark*, The Ohio State University; Jeffrey M. McKenzie, McGill University, *Evaluating hydrologic changes from tropical Andean glacier melt using stable isotopes in water and digital terrain analyses.*
4:30 Adam French*, University of California, Santa Cruz; Jeffrey Bury, University of California, Santa Cruz, *Water is Life: Human Vulnerability to Glacier Recession in the Peruvian Andes..*
 Discussant(s): Jeffrey Bury, University of California, Santa Cruz

2522. Watershed Management, Water Quality and Quantity Issues

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)
 ORGANIZER(S): Program Committee
 Lori Carter*, Texas State University, *A system to analyze the hydrologic resilience and vulnerability of a small urbanizing watershed in Hays County, Texas.*
 Eva Lieberherr*, Oregon State University, *Acceptability of Innovative Conjunctive Water Management: Analysis of the Deschutes Groundwater Mitigation Program.*
 Sarawuth Naramngam*, University of Cincinnati; Susanna Tong, University of Cincinnati, *Modeling the impacts of agricultural management practices on water quality in the Little Miami River Basin.*
 Michael Merlini*, Minnesota State University Mankato; Bryce Hoppie, Minnesota State University Mankato, *Rapid Recharge of a Prairie Pothole Region Water Table Aquifer Following Severe Drought Conditions.*
 Tracy Hunter Allen, PhD*, SUNY-Oneonta, *Deforestation, Channel Stability, and Water Quality in Headwater Streams of the Tsangpo Drainage Basin, Eastern Tibet.*
 Nicholas Moore*, Arizona State University; Bethany Cutts, Arizona State University, *Water Landscapes in Phoenix: Water Educators and Apartment Renters.*
 Richard W. Dixon*, Texas State University, *Use of Recycled Water for Golf Course Irrigation in Texas.*
 Erin McAuley*, *Contributing Factors in Mercury Contamination of Texas Rivers and Lakes.*
 Elisabeth K Larson*, School of Life Sciences, Arizona State University; Bob Bolin, School of Human Evolution and Social Change, Arizona State University; Bethany Cutts, School of Life Sciences, Arizona State University; Kate Darby, School of Human Evolution and Social Change, Arizona State University; Tischa

WEDNESDAY, APRIL 16

3:10 PM - 4:50 PM

2500

- Munoz-Erickson, School of Sustainability, Arizona State University; Mark Neff, School of Life Sciences, Arizona State University; Amber Wutich, School of Human Evolution and Social Change, Arizona State University, *The Challenging Task of Water Resources Partnership Building: Insights on Network Properties and Outcomes From Both Whole and Egocentric Analyses.*
- Ranon A Dulberg*, William Lettis & Associates, Inc.; Janet M Sowers, Ph. D., William Lettis & Associates, Inc.; Christopher M Richard, Oakland Museum of California; Robert W Givler, William Lettis & Associates, Inc., *Developing a GIS database for the Creeks and Watersheds of the San Francisco Peninsula.*
- Katherine M Brosch*, Minnesota State University - Mankato; Bryce Hoppie, Minnesota State University - Mankato, *Downstream Effects of Draining a Silted Reservoir: Rapidan Reservoir, Blue Earth County, Minnesota.*
- Thomas P. Feeney*, Shippensburg University, *Hydrograph Response of a Partially Mantled Carbonate Spring.*
- Megan Terry, Meteorologist*, National Weather Service; James Taggart, Service Hydrologist, National Weather Service, *Use of Data Collection Platforms to Support River Flood Forecasting in the National Weather Service.*
- Tamara Mittman, B.A. *, UNC Chapel Hill, *Urban watershed management: Assessing the impact of stormwater retrofits in a dense urban landscape.*
- Stephan G. Custer, Dr. *, Montana State University, Earth Sciences, *Spatial Distribution of Shallow Ground-water Response To Snow-Melt, Precipitation, River Stage, and Irrigation in the Four Corners area, Gallatin County, Montana.*
- Joseph Nigro*, SSAI; David Toll, NASA-GSFC; Ted Engman, SAIC; Ed Partington, EPA; Wenge Ni-Meister, Hunter College; Shihyan Lee, Hunter College; Angelica Magness, USGS/CBP, *Using NASA-modified and NOAA precipitation products to Improve EPA Non-point Source Water Quality Modeling for the Chesapeake Bay.*
- Melissa E. Mimna, Graduate Student*, Shippensburg University Department of Geography-Earth Science; Christopher J. Woltemade, Professor, Shippensburg University Department of Geography-Earth Science, *Effects of Impervious Surfaces on Maximum Stormwater Runoff Temperatures: Modeling and Field Monitoring of the Shippensburg University of Pennsylvania Campus.*
- Alan O. Allwardt, United States Geological Survey; Frances Lightsom*, United States Geological Survey; M. Dennis Krohn, United States Geological Survey, *USGS Coastal Change Hazards: Making a Web Portal More than a Map Server.*
- James G. Abbott, Ph.D. *, Temple University, *What markets can tell us about fisheries.*
- Matthew A Arsenault*, U.S. Geological Survey, Woods Hole Science Center, Woods Hole, MA 02543; Stanley Jeffress Williams, U.S. Geological Survey, Woods Hole Science Center, Woods Hole, MA 02543; Jane A. Reid, U.S. Geological Survey, Pacific Science Center, Santa Cruz, CA 95060; Chris J. Jenkins, Institute of Arctic and Alpine Research, University of Colorado at Boulder, Boulder, CO 80309, *usSEABED: A Robust Geologic Database for Mapping Seafloor Sediment Properties.*
- Michelle K. Bozeman*, Clark University, *Image Time Series Analysis of Ocean Dynamics in the Davis Strait and Labrador Sea.*
- Phillip Schmutz*, Louisiana State University, *Temporal Variations in Saturation Infiltration Rates of Beach Sand.*
- Jason M Lewis*, McMaster University; Susan Vajoczki, McMaster University, *Quantifying Coastline Change, Playa Guiones and Playa Pelada, Guanacaste, Costa Rica.*
- Shahalam M.N. Amin*, Bloomsburg University of Pennsylvania; Ashraf M Dewan, Nagoya University; Humayun Kabir, University of Dhaka, *Urban Development and Environmental Degradation: The Case of Dhaka Megacity, Bangladesh.*
- Shannon Kelly*, Texas State University, *Mountain Goats as an Agent of Soil Compaction in the Mountains of Glacier National Park, Montana.*
- Jawon Lee*, University of Massachusetts, Boston; Ellen M. Douglass, University of Massachusetts, Boston; Yong Q. Tian, University of Massachusetts, Boston, *Effective Flood Plains by Sea Level Rise due to the Global Warming and Human Dimension Implications.*
- Mary Dengler*, Royal Holloway, University of London; Danielle Schreve, Royal Holloway, University of London, *The use and preception of wild herbivores to manage landscapes sustainably in different biomes and cultures of the European Union.*
- Su Zhang*, Department of Geography, University of North Carolina, Chapel Hill, NC 27599; Joshua Gray, Department of Geography, University of North Carolina, Chapel Hill, NC 27599; Paul McCall, Department of Geography, University of North Carolina, Chapel Hill, NC 27599; Conghe Song, Department of Geography, University of North Carolina, Chapel Hill, NC 27599, *Scaling-up Eddy Covariance Measurements with Remote Sensing to Estimate Regional Scale Transpiration.*
- Ryan Ek*, Student, *Comparative Effects of Clearcutting and Selection Management on the Temperate Forest Ecosystem.*
- Ma. De Lourdes Rodriguez-Gamino*, Instituto de Geografia UNAM; Jorge Lopez-Blanco, Instituto de Geografia UNAM; Gilberto Vela-Correa, Universidad Autónoma Metropolitana-Xochimilco, *Environmental Indicators at Local Scale for Biophysical Evaluation and Land Management in The Sierra Chichinautzin, Central Mexico.*
- Elizabeth G. Ray*, Texas State University - San Marcos, *Global Patterns of Protected Area Creation and the Human Development Status of Countries.*
- Shaun R. Finley*, University of Cincinnati, *Scarcity in the Desert: Gambling on the Effects of Deep Lake Cooling in Reno, Nevada.*
- Jennifer Rivers Cole, Ph.D. *, Northeastern University, *Using an Inner City setting as the Format for a Hydrogeology Curriculum.*
- Craig ZumBrunnen*, University Of Washington, *Modeling Efficiency, Equity and Ecosystem Services in Water Pollution Control Systems.*

WEDNESDAY, APRIL 16**3:10 PM - 4:50 PM****2500****2523. Tourism: Protecting the Protected****Room:** Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Havlick, University of Colorado-Colorado Springs

3:10 María-José Prados*, University; María-José Prados, University of Seville; Virginia López, University of Huelva, *Naturbanization. An integrated model of landscape changes in national parks.*

3:30 Scott Harding*, Michigan State University; Sarah Nicholls*, Michigan State University, *Measuring Park Access and Equity at the Household Level.*

3:50 Jessica R Moyer*, Western Washington University, *The ANWR Landscape: A Geographical Analysis of Imagery and Inequity.*

4:10 Sugato Dutt*, Department of Geography University of Hawaii and East West Center, Honolulu, *Benefiting from conservation: an evaluative study of incentives for community collaboration in the Buxa Tiger Reserve, India.*

4:30 David Havlick*, University of Colorado-Colorado Springs, *Bombs Away: New Geographies of Military-to-Wildlife Conversions in the United States.*

2524. Teaching about Islam, against the "War on Terror"

(Sponsored by Geography of Religions and Belief Systems Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Geography Education Specialty Group)

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Jennifer Kopf, West Texas A & M

CHAIR(S): Jennifer Kopf, West Texas A & M

3:10 Jennifer L. Fluri*, Dartmouth College, *The Corporeal Marker: Politics, Pedagogy, and Epistemologies of Islam and Feminism.*

3:30 Ellen R. Hansen*, Emporia State University; Darla J. Mallein, Emporia State University, *Teaching About Women in Islam.*

3:50 Jennifer Kopf, PhD*, West Texas A & M, *Images in Islam in Introductory Geography Textbooks.*

4:10 Anna Mansson McGinty*, University of Wisconsin-Milwaukee, *Breaking down "otherness" in the classroom.*

2525. What we know about climate change and hurricanes: Climate Specialty Group Plenary Speaker (Sponsored by Climate Specialty Group)**Room:** Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Adam W. Burnett, Colgate University

CHAIR(S): Adam W. Burnett, Colgate University

2526. From Finland to the Galapagos: Work from the Field**Room:** Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard Alan Sambrook, Eastern Kentucky University

3:10 Ilkka Ratinen*, *Class teacher students' conceptions of climate change.*

3:30 Richard G. Kyle, Dr*, Lancaster University; Christine Milligan, Dr, Lancaster University; Liz Bondi, Prof., University of Edinburgh; Nicholas Fyfe, Prof., University of Dundee; Robin Kearns, Prof., The University of Auckland; Wendy Larner, Prof., University of Bristol, *The Tertiary Turn: locating 'the academy' in autobiographical accounts of activism in Manchester, UK and Auckland, Aotearoa New Zealand.*

3:50 Scott Dobler*, Western Kentucky University, *Online Atlas of Kentucky.*

4:10 Mark J. Bouman*, Chicago State University, *"Maps in the Public Square": The Making of an Online Atlas.*

4:30 Richard Alan Sambrook, Ph.D.*, Eastern Kentucky University, *Galapagos Field Studies for Teachers: A Standards Based Approach.*

2527. Subprime lending, foreclosure and the future of US housing policy (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group)**Room:** Nantucket Room, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Jeff Crump, University of Minnesota

CHAIR(S): Jeff Crump, University of Minnesota

Panelists: Elvin K. Wyly, University of British Columbia; Philip Ashton, University of Illinois-Chicago; Jeff Crump, University of Minnesota; Eric Belsky, Joint Center for Housing Studies; David H. Kaplan, Kent State University; Daniel J. Hammel, National Science Foundation

2529. Making Age Friendly Communities II**Room:** Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Bonnie Hallman, University of Manitoba;

Richard Milgrom, University of Manitoba

CHAIR(S): Richard Milgrom, University of Manitoba

3:10 Bonnie C Hallman, Associate Professor*, University of Manitoba; Verena Menec, Director, Centre on Aging, University of Manitoba, *Making the Outdoor Built Environment Age-Friendly: Insights from the Age Friendly Rural and Remote Communities Initiative.*

3:30 Megan Salhus*, York University, *Cultural Sustainability: Age, Space and Time in Cohousing.*

3:50 Alan DeLaTorre*, Portland State University; Margaret Neal, Ph.D., Portland State University, *Age-Friendly Cities: Results from a Study in Portland, Oregon.*

4:10 Andree Tremoulet*, Portland State University, *Manufactured Home Parks: An Endangered Affordable Housing Option for Older Adults.*

Discussant(s): Richard Milgrom, University of Manitoba

2530. Death, Conservation and Erosion: a Variety of Geographic Topics**Room:** Orleans Room, Marriott, 4th Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jack Livingston, Slippery Rock University

3:10 Amy Wilson Morris*, Environmental Studies, UC Santa Cruz, *Conservation easements and the re-scaling of land conservation.*

3:15 Francisco Henrique Oliveira, Oliveira*, UDESC - University - Brazil; Guilherme Clasen Wosny, Guilherme, UDESC - Brazil; Flavio Boscatto, Boscatto, UDESC - Brazil; Mariane Dal Santo, Dal Santo, UDESC - Brazil, *Thematic mapping of soil erosion risks at electricity towers surroundings.*

3:20 Tiziana Pileggi, Dipartimento Di Ingegneria Civile E Ambientale; Margherita Azzari, Dipartimento Di Studi Storici E Geografici; Enrica Caporali*, Dipartimento Di Ingegneria Civile E Ambientale, *Significance of diachronic data in natural hazards assessment.*

3:25 Elyssa Gutbrod*, *Role of GIS in Sustainability of Rock Art.*

3:30 David Andrews*, York University; Gail Fraser, York University, *Management of Double-crested Cormorants in North America: Perceptions of Academics and Managers.*

WEDNESDAY, APRIL 16

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- 3:35** Perumal Balakrishnan*, Qatar University; Nasser Fakhro, Qatar University, *GIS Application for Road Accidents - A case of Doha City, The State of Qatar.*
- 3:40** Gerard McMahon*, United States Geological Survey; Marina Alberti, University of Washington, College of Architecture and Urban Planning, *A coupled human-environmental systems approach for studying the interactions between urbanization and water quality.*
- 3:45** Kimberly DeBiasse*, School of Geographical Sciences, Arizona State University, *A Critical Examination of Meteorological Heat Indices in Predicting Performance at the New York City Marathon.*
- 3:50** Jack Livingston, Ph.D.*, Slippery Rock University, *Contradictory Landscapes: Modeling Naturalness and Wildness through GIS.*
- 2531. Mountain Tourism: Aspects of Change (Sponsored by Recreation, Tourism, and Sport Specialty Group)**
Room: *Yarmouth Room, Marriott, 4th Floor (Paper Session)*
 ORGANIZER(S): Sanjay K Nepal, Texas A&M University
 CHAIR(S): Rudi Hartmann, University of Colorado
3:10 Alison M. Gill*, Simon Fraser, *A Critical Look at Sustainability and 'The Natural Step' in Mountain Resort Planning.*
3:30 Rudi Hartmann*, University of Colorado, *The next frontier in the globalization of the ski resort industry: China.*
3:50 Sanjay K Nepal*, Texas A&M University; Tazim B Jamal, Texas A&M University, *Managing Growth and Change in Western Canadian Resort Communities.*
4:10 Keith Bosak*, University of Montana, *"A Woman's Place? Ecotourism and Women's Empowerment in the Nanda Devi Biosphere Reserve".*
4:30 Tim E. Schultz*, Green River Community College, *Establishing User Preference among Human Waste Management Alternatives on Coleman Glacier Route, Mount Baker, Washington..*
- 2534. Time Geography: Emerging Theoretical Developments, Implementations, and Applications (II) (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)**
Room: *Maine Room, Marriott, 5th Floor (Paper Session)*
 ORGANIZER(S): Hongbo Yu, Oklahoma State University; Shih-Lung Shaw, University of Tennessee
 CHAIR(S): Leonard S. Bombom, Oklahoma State University
3:10 Ling Yin*, University of Tennessee; Shih-Lung Shaw, University of Tennessee; Hongbo Yu, Oklahoma State University, *A Time-Geographic Approach for Activity Planning and Scheduling with Virtual Activities.*
3:30 Christopher Upchurch*, University of Utah; Harvey Miller, University of Utah, *Dynamic Accessibility Using Space-Time Paths for Public and Private Transit.*
3:50 Edward Pultar*, University of California, Santa Barbara, *Travel Behavior with Cost-Free Accommodation.*
4:10 Steven Farber*, McMaster University; Antonio Paez, McMaster University; Kay Axhausen, ETH-Zurich, *Any given Monday: An exploration of the stability of long term activity patterns.*
4:30 Leonard S. Bombom*, Oklahoma State University; Hongbo Yu, Oklahoma State University, Stillwater, OK; Shih-Lung Shaw, University of Tennessee, Knoxville, TN; Yibin Zhao, The Chinese University of Hong Kong, *Visualizing Large Set of Space-Time Paths in GIS.*
- 2535. Historical Geography of Rail Transport and Population Change and in Europe and the United States: New Results with GIS (Sponsored by Historical Geography Specialty Group)**
Room: *New Hampshire Room, Marriott, 5th Floor (Paper Session)*
 ORGANIZER(S): Robert Schwartz, Mount Holyoke College
 CHAIR(S): May Yuan, Univ of Oklahoma
3:10 Robert Schwartz*, Mount Holyoke College, *Railways and Population Change in France and Great Britain, 1840-1914.*
3:30 Ian N. Gregory*, Lancaster University, *Population Change and Migration in England & Wales: A GIS Approach to Long-Term Change.*
3:50 William G. Thomas, III*, University of Nebraska, *The Railroad and the U.S. South: A Network Visualization.*
4:10 Thomas Thevenin*, University of Burgundy - THEMA / CNRS, *Staying and Moving: The Varied Geography of Population Change in France, 1830-1914.*
 Discussant(s): May Yuan, Univ of Oklahoma
- 2536. Researching Practice in the Space Economy: Possibilities and Limitations IV (Sponsored by Economic Geography Specialty Group)**
Room: *Vermont Room, Marriott, 5th Floor (Panel Session)*
 ORGANIZER(S): Andrew Jones, Birkbeck, University of London; Jim Murphy, Clark University
 CHAIR(S): Jim Murphy, Clark University
 Panelists: Wendy Larner, University of Bristol; Neil Coe, University Of Manchester; Meric S. Gertler, University of Toronto; Roger Lee, Queen Mary, University Of London
- 2537. Urban Wife and Work**
Room: *Massachusetts Room, Marriott, 5th Floor (Paper Session)*
 ORGANIZER(S): Program Committee
 CHAIR(S): Charlotte Lemanski, University College London
3:10 Eduardo Marandola Jr.*, State University of Campinas, Brazil (Unicamp); Daniel Joseph Hogan, State University of Campinas, Brazil (Unicamp), *Dwelling in the metropolis: existential insecurity and life spaces in the Campinas Metropolitan Region, Brazil.*
3:30 Karen Bridget Murray*, York University, *The Rise of the Subsistence Classes: A Governmentality Perspective on the Vancouver Agreement.*
3:50 Eric Robitaille*, University of Québec (INRS-UCS); Philippe Apparicio, University of Québec (INRS-UCS); Anne-Marie Séguin, University du Québec (INRS-UCS); Patrick Herjean, University du Québec (INRS-UCS), *Targeting poverty concentration areas in Montreal: identification of micro-, meso- and macro-zones of poverty.*
4:10 Eberhard Rothfuss*, University of Passau, Germany, *In between Rich-Poor-Polarization, Invisibility and Violence - A socio-philosophical perspective on the divided space of Latin American Cities based on a theory of recognition.*
4:30 Charlotte Lemanski*, University College London, *Moving up the ladder or stuck at the bottom? Homeownership as a solution to poverty in South Africa.*

WEDNESDAY, APRIL 16**3:10 PM - 4:50 PM****2500****2538. Geography and Literature:2 (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)****Room:** *St. George A, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Jenny Carton, University of Sheffield; Jose Luis Romanillos, University of Bristol

CHAIR(S): Jose Luis Romanillos, University of Bristol

Introducer: Jenny Carton

3:15 Lesley-Anne Gallacher*, University of Edinburgh, *Spatialising narrative: 'irresponsible pictures'.***3:35** Wan-Chuan Kao*, CUNY Graduate Center, *The "Here" of Memorialization and the "Elsewhere" of Englishness.***3:55** Richard Carter-White*, University of Exeter, *The writer who is not a writer': Primo Levi and the imperative of literature.***4:15** Maria Fusco, Director of Art Writing*, Goldsmiths, University of London, *The Space of Literature, B.S. Johnson and the Dark Art of Anti-Suspense.*

Discussant(s): Jessica Dubow, University of Sheffield, U.K.

2539. Renewable energy (Sponsored by Energy and Environment Specialty Group)**Room:** *St. George B, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Geoffrey Lewis, University of Michigan

CHAIR(S): Geoffrey Lewis, University of Michigan

3:10 Hisham Zerriffi*, Liu Institute for Global Issues, University of British Columbia; Elizabeth Wilson, Hubert H. Humphrey Institute of Public Affairs, University of Minnesota, *Leapfrogging Over Development? The Promotion of Rural Renewables for Climate Change Mitigation.***3:30** Christian Schulz*, Université Du Luxembourg, *Renewable energies in turbulent environments: The impact of EU energy policy on technological and organisational trajectories.***3:50** Barry D Solomon, PhD*, Michigan Technological University, *Renewable Energy From Forest Resources in the United States.***4:10** Asim Zia*, San Jose State University, *Barriers and Bridges to Photovoltaic (PV) Electricity Generation: A Survey of Homeowners in California's Bay Area.***4:30** Geoffrey Lewis*, University of Michigan, *Estimating the value of wind power in Michigan.***2540. Scale issues in weathering geomorphology (Sponsored by Geomorphology Specialty Group)****Room:** *St. George C, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Patricia Warke; Jennifer McKinley, Queens University Belfast

CHAIR(S): Patricia Warke

3:10 Alice V. Turkington*, University Of Kentucky, *Rock weathering controls on landform development in New Zealand.***3:30** Bernard J. Smith*, Queen's University Of Belfast; Heather Viles, University of Oxford; Miguel Gomez-Heras, Queen's University Belfast; John Meneely, Queen's University Belfast; P.A.M. Basheer, Queen's University Belfast; S Sudarshan, Queen's University Belfast, *Crossing Boundaries: Physical And Conceptual Barriers To The Integration Of Weathering Patterns And Processes Across Stone Buildings.***3:50** Gregory A. Pope*, Montclair State University, *Scale in Weathering Process and Form: An Environmental Energetics Theoretical Approach.***4:10** Patricia Ann Warke, BSc, PhD*, Queen's University Belfast, United Kingdom; Jennifer McKinley, BSc,PhD, Queen's University Belfast, United Kingdom, *Size matters: the challenge of up-scaling small-scale studies.***4:30** Helen s Goldie, Dr*, St Aidan's College, Durham, *Karst weathering and erosion rates derived from pedestals under erratics in the British Isles.***2541. Geographies of Media IV: Geopolitics in Print and Cinema (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Communication Geography Specialty Group)****Room:** *St. George D, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Jason Dittmer, University College London; James Craine, California State University Northridge

CHAIR(S): Jason Dittmer, University College London

3:10 Michael Heffernan*, University of Nottingham, *Mapping the Fourth Estate: Geography, Empire and the Newspaper Press in Britain and France from the 1870s to the 1930s.***3:30** Subhadra Roy*, Queen Mary, University of London, *Apocalypse Soon? : India in the political cartoons of English-Canadian newspapers, January-August, 1947..***3:50** Jason Dittmer*, University College London, *Retconning America: Captain America in the wake of WWII and the McCarthy hearings.***4:10** Sean Carter, Dr*, University of Exeter, *Towards a Visual Economy of Cinematic Geopolitics.***2542. Visualization****Room:** *Essex North-West, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christopher Pettit

3:10 Yuliang Chen*, Department of Geography and Anthropology, Louisiana State University; Gregory William Stone, Department of Oceanography and Coastal Sciences, Louisiana State University, *The Solution of Animation Integrated WebGIS for Oceanographic Models.***3:30** Kim Hung Kwong*, The University of Hong Kong; P.C. Lai, The University of Hong Kong; A.S.H. Mak, The University of Hong Kong, *Assessing the Applicability of 3D Visualization in Environmental Impact Assessment.***3:50** David Wheeler*, Emory University; Lance A Waller, Emory University, *Visualizing and Explaining Output from Spatially Varying Coefficient Regression Models.***4:10** Robert E Roth*, The Pennsylvania State University, *Representing Uncertainty: A Case Study in the Usage of Categorical Uncertainty for Decision Making.***4:30** Christopher Pettit*, *An eScience platform to support climate change adaptation in Victoria.***2543. Variations in Regional Technology Trajectories IV - Bridging Theory and Practice (Sponsored by Economic Geography Specialty Group, Regional Development and Planning Specialty Group)****Room:** *Essex North-East, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Dieter Franz Kogler, University of Toronto; David L. Rigby, Univ of California

CHAIR(S): David L. Rigby, Univ of California

3:10 Thomas Kemeny*, University of California, Los Angeles, *Are International Technology Gaps Growing or Shrinking in the Age of Globalization?.***3:30** Paul Plummer*, University of Calgary, *Beyond Stylized Facts and Contingency: A Spatial Econometric Perspective on Uneven Development in the Australian Context.*

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- 3:50** Kristian Hegner Reinau*, Aalborg University; Bent Dalum, Department of Business Studies, Aalborg University, Denmark, *The Role of Governance in Cluster Typologies: A Missing Link*.
- 4:10** Pierre Desrochers, Assistant Professor*, Department of Geography - University of Toronto Mississauga; Samuli Leppala Leppala, Research Associate, Turku School of Economics, *The Division of Labor needs not Imply Regional Specialization: Creativity, Linkages and the Case for Local Diversity*.
- Discussant(s): Allen J. Scott, University of California - Los Angeles
- 2544. Afro-Sino Connections (Sponsored by Africa Specialty Group, China Specialty Group)**
- Room:* Essex North-Center, Westin, 3rd Floor (Panel Session)
- ORGANIZER(S): Stanley Toops, Miami University
- CHAIR(S): Stanley Toops, Miami University
- Panelists: Padraig Carmody, Padraig Carmody; Rohit Negi, The Ohio State University; Carolyn L. Cartier, University of Southern California; Stanley Toops, Miami University; William Y. Osei, Algoma University College
- 2545. Geography Encounters the Indigenous: Assessing theory and methodology in Human Geography (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Indigenous Peoples Specialty Group)**
- Room:* Staffordshire, Westin, 3rd Floor (Panel Session)
- ORGANIZER(S): RDK Herman, National Museum of the American Indian
- CHAIR(S): RDK Herman, National Museum of the American Indian
- Panelists: Neil Smith, City University Of New York; Ron Johnston, University of Bristol; Anne Godlewska; Cheryl McEwan, University Of Durham; Lawrence D. Berg, University of British Columbia; Daniel Wildcat, Haskell Indian Nations University
- (see session description on page 28)
- 2546. Methods, approaches, and theory involved in studying exurbia and amenity migration (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)**
- Room:* Parliament Room #1, Westin, 7th Floor (Panel Session)
- ORGANIZER(S): Kirsten Valentine Cadieux, University of Toronto; Laura Taylor, University of Toronto
- CHAIR(S): Kirsten Valentine Cadieux, University of Toronto
- Panelists: Darla Munroe, Ohio State University; Michael Woods, University of Wales Aberystwyth; Tom Young, University of Toronto; Hannah Gosnell, Oregon State University; John Cromartie, USDA; Mark D. O. Adams, University of New England; Susannah R. McCandless, Clark University and University of Vermont; Lee Pera, University of Oregon; Patrick T. Hurley, College of Charleston; Afton Sather-Knutsen; Brian E Johnson, Indiana University
- 2547. Marine Geomorphology as a Determinant for Essential Life Habitat Panel (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Coastal and Marine Specialty Group)**
- Room:* Empire Room #6, Westin, 7th Floor (Panel Session)
- ORGANIZER(S): Dawn J. Wright, Oregon State University; William Heyman, Texas A&M University
- CHAIR(S): William Heyman, Texas A&M University
- Introducer: William Heyman
- Discussant(s): Dawn J. Wright, Oregon State University
- Panelists: William Heyman, Texas A&M University; Andrew Heap, Geoscience Australia; Douglas Fischer, California State University, Northridge; Gary Greene, Moss Landing Marine Labs; Matt Merrifield; Dawn J. Wright, Oregon State University
- 2548. Science and Practice for Environmental Problems**
- Room:* North Star Room #10, Westin, 7th Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Nancy Beller-Simms, UCAR for NOAA
- 3:10** Alex Pulsipher*, Clark University Graduate School of Geography, *Adaptation to Climate Change in the Residential Real Estate Sector: Online Social Networking Based Participatory Research into the Diffusion of Innovations*.
- 3:30** W. Christopher Lenhardt*, CIESIN - Columbia University; Roberta Balstad, The Earth Institute - Columbia University, *Developing the Climate Change Information Resources for the New York Metropolitan Region (CCIR-NYC): Lessons Learned and Opportunities for Future Research*.
- 3:50** Roberto Sanchez-Rodriguez, Professor*, University of California, Riverside, *Vulnerability, Climate Variability, and the Science-Practice Interface in Tijuana, Mexico*.
- 4:10** Iván J. Ramírez*, Michigan State University/ Center for Capacity Building, NCAR; Michael H. Glantz, Center for Capacity Building, NCAR; Lino Naranjo-Diaz, MeteoGalicia, Spain; Elsa Galarza, Universidad de Pacifico, Peru, *El Niño Affairs, A Capacity Building Initiative for Spanish-Speaking Communities*.
- 4:30** Nancy Beller-Simms*, NOAA Climate Program Office, *NOAA's Historic and Future Efforts within the Human Dimensions of Global Change Research Realm*.
- 2549. Urban Tourism**
- Room:* Defender Room #5, Westin, 7th Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Stephen Matchak, Salem State College
- 3:10** Basilio Verduzco, Ph. D.*, Universidad De Guadalajara; Luis Manuel Cueva-Villaseñor, M.S., City Government of Puerto Vallarta, *Urban density as a way of life? Conflicts and planning dilemmas of a beach resort..*
- 3:30** Eric Kerney*, Western Michigan University; Dr. Dave Lemberg, AICP, Western Michigan University, *Prospects and limitations of nature-based recreation in the city: Developing an urban heritage water trail on the Portage Creek in the cities of Kalamazoo and Portage, Michigan..*
- 3:50** Rachel Elisabeth Strong, Student*, Middlebury College, *Olympic-sized Change at the Local Level: Comparing Atlanta, Los Angeles, and Chicago*.
- 4:10** Stephen Matchak, Ph.D.*, Salem State College; Stephen Matchak, Ph.D., Salem State College, *Witch City: Branding or Branded?.*

WEDNESDAY, APRIL 16**3:10 PM - 4:50 PM****2500**

2550. Governing the environment IV: Democracy beyond representation (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)

Room: Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan

CHAIR(S): Derick Fay, Union College

3:10 Saudiel Ramirez-Sanchez, PhD*, Rutgers University; Gustavo Danemann, PhD, Pronatura Noroeste, A.C., *The challenge of democracy for the creation and management of MPAs in Mexico.*

3:25 Jennifer Brewer*, National Research Council, *Lobstering in the Public Sphere: Governance, Civic Discourse, and Resource Access.*

3:40 Verna Gerard DeLauer*, University of New Hampshire, *Deliberative Requirements of an Ecosystem-Based Approach to Coastal Ocean Management.*

3:55 Louise Crabtree, PhD, BSc (Hons)*, University of Western Sydney, *New Ecology and Resilience Thinking in Urban Housing: Implications for Housing Governance and Tenure Systems.*

Discussant(s): Jeremy M. Campbell, University of California, Santa Cruz

2551. Our Daily Bread: Author Meets Critics

Room: Great Republic #7, Westin, 7th Floor (Panel Session)

ORGANIZER(S): Jon Kosek

CHAIR(S): Jon Kosek

Discussant(s): Geoff Mann, Simon Fraser University

Panelists: Scott Prudham, University of Toronto; Joel D Wainwright, The Ohio State University; Nik Heynen, University of Georgia; Jon Kosek

2555. New Geographies of Two Koreas I: Culture, Economy, and Environment (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Jongnam Choi, Western Illinois University; Su-Yeul Chung, Western Illinois University

CHAIR(S): Jongnam Choi, Western Illinois University

Introducer: Jongnam Choi

3:20 Siyoung Park*, Western Illinois University; Jongnam Choi, Western Illinois University, *Korean Residential and Business Concentrations in the Phoenix Metropolitan Area.*

3:40 Min-Boo Lee*, Korea National University Of Education; Nam-Shin Kim, Korea National University of Education; Gwang-Ryul Lee, Kyungpook National University, *Formation of Lava-dammed paleo-lakes in the Cheolwon-Pyeonggang lava plateau of Chugaryeong Rift valley in central Korea.*

4:00 Yong Woo Lee*, Korea Research Institute for Human Settlements / University of Washington, *High Speed Rail and Change in Spatial Structure of Korea.*

Discussant(s): Heejun Chang, Portland State University; Su-Yeul Chung, Western Illinois University

2556. Diverse Economies 7: Social Enterprises, Social Change, Teaching, and Research (Sponsored by Economic Geography Specialty Group)

Room: Beacon B, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Stephen Healy, Miami University

CHAIR(S): Katherine D. Gibson, Australian National University

Panelists: Alison Mathie, Coady International Institute; Chris Cavanagh, Faculty of Environmental Studies - York

University; Sally Miller, Independent; Janelle Cornwell, University of Massachusetts - Amherst; James Delaney, University of Toronto; (Margaret) Ann Hill, Australian National University; Stephen Healy, Miami University; Julie Graham, University of Massachusetts; Ted White, University of Massachusetts Amherst; Gerda Roelvink, Australian National University

2557. Geographies of Brands and Branding IV - Spaces and Places

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Andy Pike, CURDS, Newcastle University

CHAIR(S): Andy Pike, CURDS, Newcastle University

3:10 Nick Lewis*, University Of Auckland, *Packaging Political Projects in Geographical Imaginaries: The Rise of Nation Branding.*

3:30 Pamela Stern*, Simon Fraser University; Peter V Hall, Simon Fraser University, *Historical Limits: restricting the possible in "Ontario's Most Historic Town".*

3:50 Dominic Medway*, Manchester Business School; David Bennison, Manchester Metropolitan University Business School; Gary Warnaby, Liverpool University Management School, *Branding A Roman Frontier in the 21st Century*

4:10 Nicholas Velluzzi*, College of Charleston, *Producing products, producing regions: The institutional foundations of the territorialization of the Walla Walla wine industry.*

2558. South Asia: Development

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sangeeta Badal, University of Nebraska

3:10 Ranjith P. Kulatilake*, Faculty of Environmental Studies, York University, Canada, *The Production of Space and Identity Politics in Neoliberal Sri Lanka.*

3:30 Katy Megarry*, Kings College London, *Empowering Poor Women: Participatory Development Approaches Analysed in Practice.*

3:50 Sudarshana Bardoloi, MPhil*, Department of Geography, York University, Toronto, CA, *Uneven Development and Distribution of Health Care Services: A Case Study of Provision and Utilization of Maternal Health Care Services in Kerala and Uttar Pradesh in India.*

4:10 Kamal Kapadia, PhD Student*, University of California, Berkeley, *Politically-empowering participatory development: examining the limits in a Sri Lankan village.*

4:30 Sangeeta Badal, Senior Consultant*, Gallup Organization, *The Fulia Weavers of West Bengal, India: Is Fair Trade the Answer?.*

2559. Water Resource Management through Public Involvement & Education

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bethany Cutts, Arizona State University

3:10 Aimee Brown, MS candidate*, Department of Geosciences, Oregon State University; Hannah Gosnell, PhD, Department of Geosciences, Oregon State University, *The grass isn't always greener: a study of vegetative land cover change, water allocation and community based natural resource management in the Upper Klamath Basin.*

3:30 Matthew Street*, Carleton University, *Using Public Participation In Water Resource Management: Waterloo Region's Water Efficiency Master Plan.*

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- 3:50** Kristy Zhinin, Masters Candidate*, Miami University, *Waning participation: an open door for contamination?*.
- 4:10** Tatiana M Gadda*, United Nations University - Institute of Advanced Studies; Peter J. Marcotullio, United Nations University - Institute of Advanced Studies, *The Misleading Marine Ecological Footprint of Tokyo*.
- 4:30** Bethany B Cutts*, Arizona State University, *Assessing the water education landscape: The process and product of a participatory mapping approach*.
- 2560. Title:Space-Time II : Affect, Struggle...Everyday**
Room: *Beacon G, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Collette Sosnowy, Graduate Center of the City University of New York; William Mangold, CUNY Graduate Center
 CHAIR(S): Cindi Katz, CUNY Graduate Center
- 3:10** David Spataro*, City University of New York, *The Williamsburgh Savings Bank Building & McTeague: social space-time and thrift*.
- 3:30** Gregory Thomas Donovan*, The City University of New York, Graduate Center, *Passive Park: Space, communication and citizen power in Union Square Park*.
- 3:50** Christian Anderson*, City University of New York - Graduate Center, *Everyday is a revolution: re-thinking radical space-time*.
- 4:10** Jesse Goldstein*, City University of New York, *Space 1026 as Commons: Exploring the Social Production and Reproduction of Non-Capitalist Spacetime*.
- 4:30** Sharon Kelly*, University of Toronto, *A Different Kind of Asylum: Addressing Stigma in the Built Environment*.
- 2561. Geographies of Play IV: Designing Play into public Space**
Room: *Beacon H, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Bethan Evans; Steve Millington, Manchester Metropolitan University
 CHAIR(S): Bethan Evans
- 3:10** Quentin Stevens*, University College London, *Playing with emotions at the Lady Diana Memorial*.
- 3:30** Susan Strife, M.S., PhD Candidate University of Colorado*, University of Colorado, *Geography of Nature Play: What and where is nature according to urban youth?*.
- 3:50** Lorne Platt*, UW Milwaukee, *Environmental Justice and Parks: Children's performance and play in Milwaukee, Wisconsin*.
- 4:10** Janette Eby, Landscape Architecture Student*, University of Washington, *Ecological Literacy Through Play: The Role of Nature in the Schoolyard*.
- 2562. Experiencing Urban Aesthetics II - Methods for researching experiences in designed urban spaces**
Room: *Kent, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Monica Degen; Gillian Rose, The Open University
 CHAIR(S): Begum Basdas
- 3:10** Begum Basdas, The Open University; Monica Degen, Brunel University; Gillian C Rose*, The Open University, *Experiencing designed urban spaces: mixing methods and methods for mixing*.
- 3:30** Jennie Middleton*, Royal Holloway, University of London, *"I go through heels at a terrible rate": exploring the embodied and sensuous dimensions of urban walking*.
- 3:50** Päivi Kymäläinen*, University of Turku, *Visual geographies of streets: Anthony Gormley's "Event horizon" as a temporary writing of urban space*.
- 4:10** Jill Fenton, Dr*, Department of Geography, Queen Mary University of London, *A Methodology for Engaging with the Unconscious in Designed Urban Space*.
 Discussant(s): David Pinder, Queen Mary, University of London
- 2563. Lay Science and the Environment II: Panel Discussion (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: *Jefferson, Sheraton, 3rd Floor* (Panel Session)
 ORGANIZER(S): Jill Harrison, University of Wisconsin-Madison; Roopali Phadke, Macalester College
 CHAIR(S): Roopali Phadke, Macalester College
 Panelists: Phil Brown, Brown University; Morgan M. Robertson, University of Kentucky; Dianne E. Rocheleau, Clark University
- 2568. Geospatial Technology and Tools for Urban Water Resources. (Sponsored by Water Resources Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**
Room: *Conference Room 1, Sheraton, 5th Floor* (Paper Session)
 ORGANIZER(S): Patrick L Lawrence, University of Toledo
 CHAIR(S): Patrick L Lawrence, University of Toledo
- 3:10** T Edwin Chow*, University of Michigan - Flint; Michael Meadows, University of South Carolina; Michael E Hodgson, University of South Carolina, *Linking GIS to Stormwater Modeling*.
- 3:30** Eve B. Halper*, University of Arizona, *Correlating Urban Water Demand, Remotely Sensed Surface Temperature and Vegetation in an Arid Environment*.
- 3:50** Lei Wang*, Department of Geography, York University; Qiuming Cheng, Department of Earth and Space Science and Engineering, Department of Geography, York University, *Web-based Spatial Decision Support System for Flood Forecasting and Flood Risk Mapping*.
- 4:10** Cyril Oluyomi Wilson*, Indiana State University.; Qihao Weng, Ph.D, Indiana State University., *Urbanization and its Implications for Water Quality and Runoff in the Calumet River Watershed, Greater Chicago Area, Illinois..*
- 4:30** Patrick L Lawrence*, University of Toledo, *Take a Piece of Trash, Put it in a Bag: Spatial and Temporal Trends from Ten Years of the Clean Your Streams Event (1995-2006) in the Lower Maumee Watershed, Ohio*.
- 2569. The Gilbert F. White Award Symposium: Social Vulnerability, Environmental Inequality, and Childhood Asthma in Phoenix, Arizona (Sponsored by Hazards Specialty Group)**
Room: *Conference Room 6, Sheraton, 5th Floor* (Panel Session)
 ORGANIZER(S): Ron R. Hagelman, Texas State University
 CHAIR(S): Ron R. Hagelman, Texas State University
 Panelists: Deborah Thomas, University of Colorado, Denver; Jayajit Chakraborty, University of South Florida; Jerry T. Mitchell, University of South Carolina; John P. Tiefenbacher, Texas State University; Sara Grineski, University of Texas at El Paso
(see session description on page 20)

WEDNESDAY, APRIL 16**5:00 PM – 6:30 PM****2600****7:00 PM – 8:00 PM****2700****5:00 PM – 6:30 PM****2620. Presidential Plenary****Opportunities and Challenges for Interdisciplinary Research**

Wednesday, April 16, 5:00 p.m. – 6:30 p.m.

*Room: Grand Ballroom Salons EF, Marriott, 4th Floor*Organized by: **Thomas J. Baerwald**, National Science FoundationIntroduction: **Thomas J. Baerwald**, National Science Foundation

Speakers:

Paul Longley is Professor of Geographic Information Science and Deputy Director of the Centre for Advanced Spatial Analysis at University College London. He will provide geographic perspectives on interdisciplinary interactions and will focus on links with other fields engaged in geographic information science.

Roger Downs is a Professor of Geography at Pennsylvania State University. He currently serves as Chair of the Geographical Sciences Committee of the National Research Council. Downs will focus on links with the behavioral sciences.

Nancy Grimm is a Professor of Ecology, Evolution, and Environmental Sciences and Co-Director of the Central Arizona-Phoenix Long-Term Ecological Research Project at Arizona State University. She also is a Past President of the Ecological Society of America. She will provide perspectives on the natural sciences and geography.

Ronald Rindfuss is Robert Paul Ziff Distinguished Professor of Sociology and a Carolina Population Center Faculty Fellow at the University of North Carolina, Chapel Hill. He is also a Senior Fellow at the East-West Center in Hawaii. Rindfuss will focus on interactions between the social sciences and geography.

All four speakers will present their perspectives on interactions between geography and a set of related fields. They have been encouraged to discuss interdisciplinary research that they and colleagues have undertaken, and they have been asked to offer constructive advice regarding ways that they think geographers can contribute more effectively and significantly to interdisciplinary research.

2655. New Geographies of Two Koreas I: Culture, Economy, and Environment (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)*Room: Beacon A, Sheraton, 3rd Floor (Paper Session)*

This session is a continuation of the previous timeslot, 2555.

7:00 PM – 8:00 PM**2702. Qualitative Research Specialty Group Business Meeting (Sponsored by Qualitative Research Specialty Group)***Room: Clarendon Room, Marriott, 3rd Floor (Meeting Session)***2703. Political Geography Specialty Group Business Meeting (Sponsored by Political Geography Specialty Group)***Room: Dartmouth Room, Marriott, 3rd Floor (Meeting Session)***2704. Middle East Specialty Group Business Meeting (Sponsored by Middle East Specialty Group)***Room: Exeter Room, Marriott, 3rd Floor (Meeting Session)***2705. Latin America Specialty Group Business Meeting (Sponsored by Latin America Specialty Group)***Room: Fairfield Room, Marriott, 3rd Floor (Meeting Session)***2710. The New England Village, Cultural Geography, and Liberal Education (Sponsored by Cultural Geography Specialty Group)***Room: Suffolk Room, Marriott, 3rd Floor (Panel Session)*

ORGANIZER(S): Soren Larsen, University of Missouri

CHAIR(S): Joseph S. Wood, University of Southern Maine

Introducer: Soren Larsen

Panelists: Joseph S. Wood, University of Southern Maine

2713. 2nd Annual James Blaut Memorial Lecture (Sponsored by Socialist and Critical Geography Specialty Group)*Room: Simmons Room, Marriott, 3rd Floor (Panel Session)*

ORGANIZER(S): Christopher Niedt, Hofstra University

CHAIR(S): Christopher Niedt, Hofstra University

Panelists: Erik Swyngedouw, University of Manchester

2715. Hazards Specialty Group Business Meeting (Sponsored by Hazards Specialty Group)*Room: Regis Room, Marriott, 3rd Floor (Meeting Session)***2723. Africa Specialty Group Business Meeting (Sponsored by Africa Specialty Group)***Room: Grand Ballroom Salon H, Marriott, 4th Floor (Meeting Session)***2724. Biogeography Specialty Group Business Meeting (Sponsored by Biogeography Specialty Group)***Room: Grand Ballroom Salon I, Marriott, 4th Floor (Meeting Session)***2725. Urban Geography Specialty Group Business Meeting (Sponsored by Urban Geography Specialty Group)***Room: Grand Ballroom Salon J, Marriott, 4th Floor (Meeting Session)***2726. Geography of Religions and Belief Systems Specialty Group Business Meeting (Sponsored by Geography of Religions and Belief Systems Specialty Group)***Room: Grand Ballroom Salon K, Marriott, 4th Floor (Meeting Session)***2727. Stand-Alone Geographers Affinity Group Business Meeting (Sponsored by Stand-Alone Geographers Affinity Group)***Room: Nantucket Room, Marriott, 4th Floor (Meeting Session)***2729. Applied Geography Specialty Group Business Meeting (Sponsored by Applied Geography Specialty Group)***Room: Hyannis Room, Marriott, 4th Floor (Meeting Session)***2735. Asian Geography Specialty Group Business Meeting (Sponsored by Asian Geography Specialty Group)***Room: New Hampshire Room, Marriott, 5th Floor (Meeting Session)***2736. Geomorphology Specialty Group Business Meeting (Sponsored by Geomorphology Specialty Group)***Room: Vermont Room, Marriott, 5th Floor (Meeting Session)***2737. Climate Specialty Group Business Meeting (Sponsored by Climate Specialty Group)***Room: Massachusetts Room, Marriott, 5th Floor (Meeting Session)***2755. New Geographies of Two Koreas I: Culture, Economy, and Environment (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)***Room: Beacon A, Sheraton, 3rd Floor (Paper Session)*

This session is a continuation of the previous timeslot, 2555.

WEDNESDAY, APRIL 16**7:30 PM - 10:30 PM****8:00 PM - 9:00 PM****2800****7:30 PM - 10:30 PM****World Geography Bowl**

Wednesday, April 16, 7:30 p.m. - 10:30 p.m.

Room: Grand Ballroom, Salon E, Marriott, 4th Floor

(see page 42 for additional information)

8:00 PM - 9:00 PM**2802. Remote Sensing Specialty Group Business Meeting
(Sponsored by Remote Sensing Specialty Group)***Room: Clarendon Room, Marriott, 3rd Floor (Meeting Session)***2803. Mountain Geography Specialty Group Business Meeting
(Sponsored by Mountain Geography Specialty Group)***Room: Dartmouth Room, Marriott, 3rd Floor (Meeting Session)***2804. Military Geography Specialty Group Business Meeting
(Sponsored by Military Geography Specialty Group)***Room: Exeter Room, Marriott, 3rd Floor (Meeting Session)***2805. Medical Geography Specialty Group Business Meeting
(Sponsored by Medical Geography Specialty Group)***Room: Fairfield Room, Marriott, 3rd Floor (Meeting Session)***2810. Cultural Geography Specialty Group Business Meeting
(Sponsored by Cultural Geography Specialty Group)***Room: Suffolk Room, Marriott, 3rd Floor (Meeting Session)***2824. Cultural and Political Ecology Specialty Group Business Meeting
(Sponsored by Cultural and Political Ecology Specialty Group)***Room: Grand Ballroom Salon I, Marriott, 4th Floor (Meeting Session)***2823. Africa Specialty Group: Africa Movie Night: EZRA
(Sponsored by Africa Specialty Group)***Room: Grand Ballroom Salon H, Marriott, 4th Floor***2825. Indigenous Peoples Specialty Group Business Meeting
(Sponsored by Indigenous Peoples Specialty Group)***Room: Grand Ballroom Salon J, Marriott, 4th Floor (Meeting Session)***2826. Transportation Geography Specialty Group Business Meeting
(Sponsored by Transportation Geography Specialty Group)***Room: Grand Ballroom Salon K, Marriott, 4th Floor (Meeting Session)*

THURSDAY

Presenting author(s) are indicated with an asterisk ().*

THURSDAY, APRIL 17

8:00 AM - 9:40 AM

3100

8:00 AM - 9:40 AM**3102. Hurricanes I: Meteorology and Climate Dynamics (Sponsored by Climate Specialty Group)***Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Kam-Biu Liu, Louisiana State University

CHAIR(S): Kam-Biu Liu, Louisiana State University

8:00 Stefan Becker*, University of Wisconsin Oshkosh, *Assessing statistical links between atmospheric/oceanographic parameters and tropical cyclone motion and intensity in the Western Atlantic.***8:20** Jinwoong Yoo*, Louisiana State University; Robert V Rohli, Louisiana State University, *A New Perspective on the Influence of Wind-driven Waves on the Intensity of Hurricane.***8:40** Kevin Law*, Marshall University, *A Revised 24-Hour Atlantic Statistical Hurricane Intensification Model.***9:00** Jay S. Hobgood*, Ohio State University, *Characteristics of Category 5 Hurricanes over the Atlantic Basin.***9:20** James B. Elsner*, Florida State University; Thomas H Jagger, Climatek, Incorporated, *United States and Caribbean tropical cyclone activity related to the solar cycle.***3103. International Migration Flows***Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Richard C. Jones, University Of Texas at San Antonio

8:00 Dusan Drbohlav*, Charles University, Czech Republic; Dagmar Dzurova, Charles University, Czech Republic; Eva Janska, Charles University, Czech Republic, *Illegal Economic and Transit Migration in the Czech Republic (Intensive Study of Individual Migrants in Their Casual Contexts).***8:20** Dagmar Dzurova*, Charles University, Czech Republic; Dusan Drbohlav, Charles University, Czech Republic, *Smuggling in Human Beings - the Case of the Czech Republic.***8:40** Sharon M Meagher*, The University of Scranton, *Buried Cities: Conquest and Migration.***9:00** Sarah E. Zell, MA*, University of British Columbia, *Mid-level 'Gatekeepers': The Formation and Evolution of the 'Migration Industry' in Brazilian International Migration Flows.***9:20** Richard C. Jones, Professor of Geography*, University Of Texas at San Antonio, *Premonitions of Permanence in Bolivian Emigration? Parallels to the Mexican Experience.***3104. Teaching Modern Geography (Sponsored by Community College Affinity Group, Geography Education Specialty Group)***Room: Exeter Room, Marriott, 3rd Floor (Panel Session)*

ORGANIZER(S): Kerry Lyste, Everett Community College; Phil Gersmehl, New York Center for Geographic Learning

CHAIR(S): Michael N. Solem, Association of American Geographers

Introducer: Michael N. Solem

Discussant(s): Kerry Lyste, Everett Community College; Diana Casey, Muskegon Community College; Angie Evans Wood, Blinn College

Panelists: Phil Gersmehl, New York Center for Geographic Learning; Joseph P. Stoltman, Western Michigan University

3105. Latino/a Citizenship, Politics and the State: Governmentality and Beyond*Room: Fairfield Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Joel Jennings, University of Cambridge

CHAIR(S): Joel Jennings, University of Cambridge

8:00 Altha J. Cravey*, University Of North Carolina, *Region, Race, and Reproduction: Mexican transnational lives in the US South.***8:20** Jamie Winders*, Syracuse University, *Making Community, Marking Borders: Latino Migration, Neighborhood Change, and Citizenship Practices in Nashville, Tennessee.***8:40** Rebecca Dolhinov*, California State University Fullerton, *The Exalted Mother and Caretaker: How Neoliberal Governmentality Constructs Community Leadership in Mexican Immigrant Communities.***9:00** Joel P Jennings*, University of Cambridge, *Civil Society and the Federal Government: Creating a Latino/a Shadow State.***3106. Libera Terra (Sponsored by Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group, European Specialty Group)***Room: Harvard Room, Marriott, 3rd Floor (Panel Session)*

ORGANIZER(S): Thomas Puleo, UCLA

CHAIR(S): Thomas Puleo, UCLA

Introducer: Thomas Puleo

3107. Food Environments I: producing consumption (Sponsored by Rural Geography Specialty Group)*Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Alejandro Guarin, University of California, Berkeley; Daniel R. Block, Chicago State University

CHAIR(S): Steven Garrett, University of Washington

8:00 Craig K Harris*, Michigan State University, *The Contestation Over Unpasteurized Milk in the United States.***8:20** Ruth Mendum, Doctoral Candidate*, Penn State University; Ruth M Mendum, Doctoral Candidate, Penn State University, *Planat Breeders and Organic Farmers: A little known but vital alliance.***8:40** David V Fazzino II, M.S.*, University of Florida, *ABD in Anthropology and Law, Tohono O'odham Traditional Foods, Here and Now, Then and There.***9:00** Alfredo Coelho*, SupAgro Montpellier, France; Victor Manuel Castillo-Giron, Cuvalles, University of Guadalajara, Jalisco, Mexico, *Contract Co-ordination between Agave Farmers and Tequila Distillers: An Exploratory Study.***3108. Food, Glorious Food I***Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Cari Grace Bourette, Western Kentucky University

8:00 Michael W Kerwin, Ph.D.*, University of Denver; Amanda Weaver, Ph.D. Candidate, University of Denver, *Teaching Geography Through Food.***8:20** Amanda Weaver, PhD Candidate*, University of Denver, *The Space Between: Urban/Rural Encroachment and Local Food.***8:40** Karen E. Smoyer-Tomic, Ph.D.*, University of Delaware; John C. Spence, Ph.D., University of Alberta; Kim D. Raine, Ph.D., University of Alberta; Carl Amrhein, Ph.D., University of Alberta; Nairne Cameron, Ph.D., University of Alberta; Vladimir Yasenovskiy, MSc, University of Alberta; Nicoleta Cutumisu, MArch,

THURSDAY, APRIL 17**8:00 AM – 9:40 AM****3100**

University of Alberta; Julia Healy, BA, Alberta MAPS, *Neighborhood Factors in Food Retail Accessibility in Edmonton, Canada*.

9:00 Marilyn Guidry*, Cheyney University of Pennsylvania, *A Summary of Fresh Fruit and Vegetable Availability in South and Southwest Philadelphia Neighborhoods*.

9:20 Cari Grace Bourette, PsyD*, Western Kentucky University, *Tasting Chile: Using Archetypal Metaphor to Map Cultural Landscape through Sampling Restaurants in 5 Chilean Cities*.

3109. ‘Straddling the Fence’ I: Theory, Practice, and History in Critical GIS

Room: MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Matthew W. Wilson, University of Washington; Barbara Poore, United States Geological Survey

CHAIR(S): David O’Sullivan, University of Auckland

8:00 Patrick McHaffie, associate professor*, Depaul University, *The Technology War; the Magical Aeroplane, and the Shift to Photogrammetry in American Public Sector Mapmaking*.

8:20 Miriam A. Cope*, University of Illinois Urbana-Champaign, *Theory and Identities of Participatory GIS*.

8:40 Dalia Varanka, Ph.D.*, United States Geological Survey, *Topographic Feature Inventories for National Mapping Ontology*.

9:00 Jin-Kyu Jung*, University of North Dakota, *Qualitative Geographic Information Systems (GIS) as Mixed-Method Research*.

3110. Locating the Military-Industrial Complex I (Sponsored by Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group)

Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Patrick Vitale, University of Toronto; Matthew Farish, Department of Geography, University of Toronto

CHAIR(S): Matthew Farish, Department of Geography, University of Toronto

8:00 Jenna M. Loyd*, Syracuse University, *“The Air Is Poisoned with more than Smog!”: Los Angeles Women Confront Militarized Domesticities*.

8:20 Richelle Bernazzoli*, University of Illinois, Urbana-Champaign, *Bases and Places: The Cultural Hegemony of Militarism in American Society*.

8:40 Merje Kuus*, University Of British Columbia, *‘All we need is NATO’: militarization and democracy promotion*.

9:00 Tyler Wall*, Arizona State University, *“School Ownership is the Goal”: Military Recruiting, Public Schools & the Rural Hoosier Homefront*.

Discussant(s): Cynthia Enloe, Clark University

3111. NLCD Illustrated paper session title: Modeling the National Land Cover Database

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Collin Homer, United States Geological Survey

CHAIR(S): Collin Homer, United States Geological Survey

8:00 Jon Dewitz*, SAIC, *Understanding classification and definition differences between NLCD 1992 and NLCD 2001*.

8:05 Nate Herold*, NOAA, *High Resolution Coastal Land Cover*.

8:10 Sheikh N. Hossain*, SAIC; Collin Homer, USGS; Joyce Fry, USGS; Jon Dewitz, USGS; David J Selkowitz,

USGS, *Results of the 2001 Land Cover Database for Southern Alaska*.

8:15 George Xian*, SAIC; Collin Homer, USGS; Joyce Fry, SAIC, *Monitoring and Analyzing Land Cover Changes from 2001 to 2006 in Five Study Areas*.

8:20 Steven C. Methven*, United States Geological Survey, *National Land Cover Database (NLCD) Classification of Glaciers in Alaska*.

(see session description on page 38)

3112. Border Lines: The History and Politics of Odd International Boundaries (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Joshua Hagen, Marshall University; Alexander C. Diener, Pepperdine University

CHAIR(S): Joshua Hagen, Marshall University

8:00 Eric D. Carter*, Grinnell College, *History, Territory, and Identity in Misiones Province, Argentina*.

8:20 Reece Jones*, University of Wisconsin - Madison, *The Forgotten Land: Indian and Bangladeshi Border Enclaves*.

8:40 William C. Rowe*, Louisiana State University, *Putting Boundaries on the Russian Empire: The Creation of the Wakhan Corridor*.

9:00 Karen Culcasi*, Syracuse University, *Locating and Contextualizing Kurdistan’s Ambiguous Boundaries*.

9:20 Julian Minghi*, University of South Carolina, *The Point Roberts Anomaly: Simulation versus Reality in Boundary Problems*.

3114. Human-Environment Interactions in the Galapagos Islands: Challenges & Opportunities (Sponsored by Biogeography Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Carlos F. Mena, Universidad San Francisco De Quito; Stephen J. Walsh, Univ of North Carolina

CHAIR(S): Stephen J. Walsh, Univ of North Carolina

8:00 Julie P. Tuttle*, University of North Carolina at Chapel Hill; Stephen J. Walsh, University of North Carolina at Chapel Hill; Laura Brewington, University of North Carolina at Chapel Hill, *Vegetation recovery after eradication of introduced feral animals on northern Isabela Island, Galapagos, Ecuador*.

8:20 Amy L. McCleary*, University of North Carolina at Chapel Hill, *Characterizing LULC Within the Galapagos Islands Using an Object Based Image Analysis Approach*.

8:40 George P. Malanson*, University of Iowa; Stephen J. Waslh, University of North Carolina; Rachel J Atkinson, Charles Darwin Research Station; Bryan Milstead, Charles Darwin Research Station, *Detection and control protocols for invasive plant species in the Galapagos Islands..*

9:00 Carlos F. Mena*, Universidad San Francisco De Quito; Diego Quiroga, Universidad San Francisco de Quito; Carlos Valle, Universidad San Francisco de Quito, *Urban Change in the Galapagos Islands: Assessment and Implications to the Human-Environmental System*.

9:20 Wendy Wolford, University of North Carolina at Chapel Hill; Elizabeth Hennessy*, University of North Carolina Chapel Hill, *Grassroots Governmentality in the Galapagos Islands*.

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8:00 AM - 9:40 AM

3100

3115. Neural Networks**Room:** Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bradley A. Shellito, Youngstown State University

8:00 David A. Merwin*, Framingham State College, *A Neural Network-Based Procedure for Predicting Population Growth in the Western United States using Nighttime Lights and Other Indicators of Population Density.***8:20** Jochen Wendel*, University of Colorado at Boulder; Jeremy M. Smith, University of Colorado at Boulder; Barbara P. Bittenfield, University of Colorado at Boulder; Roland J. Viger, U.S. Geological Survey, Denver Colorado, *Characterizing GIS Commands: Spatialization with Self-Organizing Maps (SOMs).***8:40** Dustin Howard*, University of Oklahoma; May Yuan, University of Oklahoma; Michael D Mumford, University of Oklahoma; Shane Connelly, University of Oklahoma, *Exploring Ideoscapes: The Spatialization of Psychological Variables using Self-Organizing Maps.***9:00** Clio M. Andris*, University of South Carolina, *Quantifying Spatial Differences in College Admissions Thresholds.***9:20** Bradley A. Shellito*, Youngstown State University; Alina Lazar, Youngstown State University, *Classification in Geographic Information Systems Using Support Vector Machines.***3116. Channel Changes and Sediment Transport in Fluvial Systems****Room:** Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Franklin T. Heitmuller, University Of Texas at Austin

8:00 Allan James*, University Of South Carolina, *A Tale of Two Rivers: Contrasting Styles of Episodic Hydraulic Mining Sedimentation and Recovery.***8:20** Mary E. Megison*, University of South Carolina; L. Allan James, University of South Carolina, *A Century of Human Impacts: Quantifying Channel Volumetric Changes from 1909 to 1999, the Feather River, CA.***8:40** Pat McDowell*, University of Oregon; Pollyanna Lind, University of Oregon; Jim E. O'Connor, U. S. Geological Survey; Chris Massingill, University of Oregon, *Floodplain Formation Processes on a Low-gradient Fine-grained River.***9:00** Subhajit Ghoshal*, Graduate Student; Allan James, Professor, *Planimetric and Volumetric change analysis estimating lateral channel migration and associated timing and magnitude of sediment erosion in the post-hydraulic mining period in Lower Yuba River, California.***9:20** Franklin T. Heitmuller*, University Of Texas at Austin, *Channel Adjustment of the Llano River, Texas: Hydraulic and Sedimentary Controls of a Flood-Dominated, Geologically-Diverse Fluvial System.***3117. Democratization and Ethnography: Political Change Through Thick And Thin I (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group)****Room:** Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Clive Barnett; Craig Jeffrey, University of Washington

CHAIR(S): Craig Jeffrey, University of Washington

8:00 Clive Barnett*, Faculty of Social Sciences, The Open University, *Democratization and Ethnography.***8:20** Alex Jeffrey*, Newcastle University, *Is democratisation calculated or improvised?***8:40** Nancy Ettlinger, Ph.D.*, Department of Geography, OhioState University, *Research Practices for Critical Theory.***9:00** Mark Hunter*, University of Toronto, *The South African AIDS pandemic and its antecedents through history and ethnography.*

Discussant(s): Craig Jeffrey, University of Washington

3118. Remote Sensing and GIS for Urban Analysis: Special Paper Session in Memory of Dr. C. P. Lo (I) (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**Room:** Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State University; Victor Mesev, Florida State University

CHAIR(S): Victor Mesev, Florida State University

8:00 Le Wang*, SUNY at Buffalo, *Urban Land Use Classification from remote sensing.***8:20** F Michael Sims*, Florida State University, *Utilization of Ancillary Data in Object-Based Classification of High Resolution Satellite Imagery: LIDAR integration.***8:40** Jonghoon Lee*, Department of Geography, State University of New York at Buffalo; Ling Bian, Department of Geography, State University of New York at Buffalo, *Relevance Feedback to Improve Urban Objects Retrieval from Geographic Images based on a Bayesian Query Point Movement Approach.***9:00** Libin Zhou*, Florida State University; Xiaojun Yang, Florida State University, *Training Algorithm Impacts on Land Cover Classification by Neural Networks from Remote Sensor Data.***9:20** Rebecca Powell*, University Of Denver; Dar Roberts, University of California, Santa Barbara, *Characterizing Patterns of Change in Urban and Peri-Urban Land Cover Using Multiple Endmember Spectral Mixture Analysis.***3119. Nature, Society, and the Great Indoors****Room:** Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Dawn Biehler; Gregory Simon, Stanford University

CHAIR(S): Sharon Moran, State University of New York - Env. Science and Forestry, Syracuse, NY

8:00 Christopher Sellers, Ph.D.*, Stony Brook University, *Precautionsim Towards Industrial Hazards: The Cold War Roots.***8:15** Gregory Simon*, Stanford University, *Improving indoor air quality through commercialization: lessons from Maharashtra, India.***8:30** Dawn Biehler*, University of British Columbia, *Permeable Homes: Bedbugs, Cockroaches, and Pesticides in US Public Housing, 1930-1970.***8:45** Jennifer Gerrits*, York University, *"Too entirely and definitively treelike." Environmental studies in cyberspace.***3120. Urbanism and Urban Planning****Room:** Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Amelie Davis, Purdue University

8:00 Julia Markovich*, University of Oxford (DPhil Candidate), *Planning for Strangers: the Dilemmas of Integrating an Urban Extension into Dorchester.***8:20** Aya Sakai*, Hokkaido University; Rob Imrie, Kings College London, *Urban governance and the management and maintenance of private-public spaces.*

THURSDAY, APRIL 17

8:00 AM - 9:40 AM

3100

8:40 Sara Westin, PhD Candidate*, Department of Social and Economic Geography, Uppsala University, Sweden, *Planning the Unplanned - the Paradox of Creating Urbanity.*

9:00 Karin Krokfors*, Center for Urban and Regional Studies Finland, *TIME FOR SPACE Typological Flexibility As A Strategy For The Renewal Of The Production Of Space.*

9:20 Amelie Davis*, Purdue University; Bryan C Pijanowski, Purdue University; Kimberly Robinson, Purdue University; Paul Kidwell, Purdue University, *Estimating Parking Lot Coverage in the Great Lakes Region.*

3121. Placing golf: landscapes, politics and cultures

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Chris Perkins

CHAIR(S): Chris Perkins

8:00 Allen Finchum*, Oklahoma State University; Christopher P Storm, Oklahoma State University, *Change and Growth in the American Golf Course Industry, A Demographic Comparison of Regional Growth Patterns: 1950-2004.*

8:20 Francisco José Del Campo Gomis*, Universidad Miguel Hernández (Spain); David López Lluch, Universidad Miguel Hernández; José Miguel Sales Civera, Universidad Miguel Hernández; María Ascensión Molina Huertas, Universidad Miguel Hernández; Ramón Izquierdo Ferrández, Universidad Miguel Hernández; Asunción María Agulló Torres, Universidad Miguel Hernández; Jesús Lagos Milla, Universidad Miguel Hernández, *Environmental Considerations For New Golf Course Development In Alicante Province (Spain).*

8:40 CL Cole*, University of Illinois; Diana Mincyte, PhD, University of Illinois, *How Green is the Green? Nature and Development of Golf Courses.*

9:00 Bradley Klein, Ph.D.*, Golfweek Magazine, *Counter-Modern Naturalism in Golf Course Design Today: Ecologically Sustainable Landscapes for a Reclaimed Arts & Crafts Tradition.*

3122. Agricultural Geography, Recreation and Tourism, Energy and Economic

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)

ORGANIZER(S): Program Committee

John T. Morgan*, Emory & Henry College, *State Variations in Decline of Home Gardening in U. S. South.*

John Cusick, Ph.D.*, University of Hawaii - Manoa, *Research Collaboration between University of Hawaii at Manoa Faculty and Hawai'i Ecotourism Stakeholders.*

Justin Craig Gottfried, Undergraduate*, California State Polytechnic University, Pomona, *Potential Business Sites in Alameda County: Hip Drinking Places.*

John O. Browder, Ph.D.*, Virginia Tech, *Rebuilding the Brazilian Rainforest: The Rondonia Agroforestry Pilot Project.*

John E. Bodenman*, Bloomsburg University, *The Spatial Dynamics of the Investment Advisory Industry: The Case of Boston, MA, 1983-2007.*

Kimberley Maher*, University of Alaska Fairbanks, *The Role of Outdoor Work Experience and Workers' Sense of Place in Alaskan Birch Syrup Production.*

Katherine Pritchard*, Virginia Tech; Lisa M Kennedy, Virginia Tech; John Boyer, Virginia Tech, *Cartographic Design and Content Analysis of Wine Tourism Maps for Virginia.*

Aaron Owen Morris*, University of Cincinnati, *Analysis of*

Cruise Passenger Origins in the North American Market.

Bruce L Battles, M.S.*, Oklahoma State University; Heather Anderson, Oklahoma State University, *Mapping local cultural landscapes: Tourism-based development in a post-boom town.*

Benjamin F. Timms*, California Polytechnic State University, San Luis Obispo, *Linking Community with Tourism in Treasure Beach, Jamaica: From Agricultural Development to Disaster Relief.*

Robert Kuhlken*, Central Washington University, *Tight Lines: Geographies of Sport Fishing in the United States.*

Tyler Gibson, goalie*, University of Wisconsin - Eau Claire; Joseph Kelly, Center, University of Wisconsin - Eau Claire; Katherine Patterson, Left Wing, University of Wisconsin - Eau Claire; Timothy Bawden, Coach, University of Wisconsin - Eau Claire, *Slap Shot: The Geography of Fans of the National Hockey League.*

Marsaili Aspinall*, University Of Aberdeen, *Managing resource based recreation in the Cairngorms National Park, Scotland, using GIS tools..*

Laurie J Pickard*, Temple University, *Growing a Local Food System: Visions and Strategies from Philadelphia's Alternative Food Movement.*

Thomas A. Rumney, Ph.D.*, Plattsburgh State University, New York's Soybeans: *From Nothing to Something Since 1980.*

Scott Arlen Brady, PhD*, California State University-Chico; Daniel Blake, Student Geographer, California State University-Chico, *California Crawdads and "Asian Cajuns": Incidental Aquaculture in California's Central Valley.*

Leslie A. Duram, Professor and Chair*, Southern Illinois University; Miguel Castro Hernández, Programa Nacional de Agricultura Orgánica Costa Rica, *Comparing Support for Organic Agriculture in Costa Rica and the United States.*

Rachel Hixson*, Arizona State University, *Evolution of an Energy Landscape: The San Juan Basin.*

Lauren Michelle Geffert*, Texas Christian University, *Wind Energy Development in Texas: Carrying Rising Energy Demands into the Realm of.*

Lisa J. Theo, ABD*, University of Wisconsin-Stevens Point; J. Brady Foust, PhD, University of Wisconsin-Eau Claire, *Primary Air Passenger Destinations as Indicators of the Urban Hierarchy.*

John Sporing*, U.S. Bureau of Economic Analysis, *A Visual Comparison of Gross Domestic Product by Metropolitan Area and Metro Area Personal Income.*

Bradley T. Cullen, Professor*, Univ of New Mexico, *A Recipe For Success: The Case For Albuquerque, NM.*

Brent Leavell*, Montana State University, Earth Science Department; Jian-Yi Liu, Ph.D, Montana State University, Associate Professor of Geography, *Indonesian cultural traditions and micro business development in village markets.*

Kevin Raleigh*, University of Cincinnati, *The Cold War of the South Carolina Blue Laws.*

Andrew James Huddy*, The University of Connecticut, *Farming alone - an investigation of economics & social capital.*

Jose David De Leon-Alejandro, M.S.*, Student, *Economic Impact of the Luis Muñoz Marín International Airport in Puerto Rico as Motivated by Potential Flooding Problems due to Sea-level Rise.*

Dustin Garrick*, University of Arizona, *The Geography of Environmental Water Transactions: Water Institutions, Property, and River Restoration in the Columbia Basin.*

THURSDAY, APRIL 17

8:00 AM - 9:40 AM

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3123. Multinational and International: Global Investment and Growth*Room:* Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Aysen E. Hic-Gencer, Boston University

8:00 Chris Van Egeraat*, National University of Ireland, Maynooth, *process R&D in the Irish pharmaceutical industry: the changing role of multinational subsidiaries in global networks.*

8:20 Gang Xu*, Department of Geography & Planning, Grand Valley State University, *An Exploratory Study of the Internationalization of Chinese Enterprises.*

8:40 Rodrigo Alegria*, PhD student, Geography & Environment, London School of Economics, *The location of multinational firms in the UK: sectoral and functional agglomeration.*

9:00 Michael C Ewers*, Ohio State University; Edward Malecki, Ohio State University; Joshua F Myers, Ohio State University, *Foreign participants in Middle East growth: a new economic landscape.*

9:20 Aysen E. Hic-Gencer, Ph.D.*, Boston University; William P. Anderson, Prof., Boston University, *An International Intra-Industry Trade Model in New Economic Geography Framework in New Economic Geography Framework.*

3124. Understanding China's Changing Economic Geography (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)*Room:* Grand Ballroom Salon I, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): George Lin, University of Hong Kong; Alana Boland, University of Toronto

CHAIR(S): Henry Wai-chung Yeung, National University of Singapore

Panelists: Eric S. Sheppard, University of Minnesota - Minneapolis; Clifton W. Pannell, University of Georgia; James W. Harrington, University of Washington; Yehua Dennis Wei, University of Utah; Peter W. Daniels, University Of Birmingham; Shuguang Wang, Ryerson University

3125. Human Impacts on Watershed Processes 1 - Geochemistry, Water Quality and Nutrients (Sponsored by Water Resources Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)*Room:* Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; William H. Renwick, Miami University

CHAIR(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA

8:00 Gregory Scott Vandeberg, Ph.D.*, University Of North Dakota; Cami Dixon, U.S. Fish and Wildlife Service; Sherri Anderson, U.S. Fish and Wildlife Service; Brian Vose, U.S. Fish and Wildlife Service, *Temporal and Spatial Variations of Surface Water Quality in the Vicinity of Lake Alice National Wildlife Refuge, North Dakota.*

8:20 Chansheng He, Dr.*, Western Michigan University; Thomas E. Croley, Dr., NOAA Great Lakes Environmental Research Laboratory; Carlo DeMarchi, Dr., Cooperative Institute for Limnology and Ecosystem Research, University of Michigan, *Modeling Spatial Distributions of Nonpoint Source Pollution Loadings in the Great Lakes Watersheds..*

8:40 Robert T. Pavlowsky*, Missouri State University; Scott A. Lecce, East Carolina University; Derek Martin, Ozarks

Environmental and Water Resources institute-MSU, *Dispersal of metal contaminants from historical mining by active channel sediments in a Piedmont North Carolina stream.*

9:00 Yong Q Tian*, University of Massachusetts - Boston; Robert F Chen, University of Massachusetts, Boston; Wei Huang, University of Massachusetts, Boston; Qian Yu, University of Massachusetts, Amherst; Bernie Gardner, University of Massachusetts, Boston; Jawon Lee, University of Massachusetts, Boston, *Relating terrestrial carbon sources to riverine carbon flux to coastal water.*

9:20 Scott A. Lecce*, East Carolina University; Robert T. Pavlowsky, Missouri State University; Gwenda J. Schlomer, Missouri State University, *Trace Metal Contamination in the Cid Mining District, North Carolina.*

3126. Population Specialty Group and Ethnic Geography Specialty Group Joint Plenary Session: John Logan (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)*Room:* Grand Ballroom Salon K, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Wei Li, Arizona State University

CHAIR(S): Thomas J. Cooke, University of Connecticut

Introducer: Wei Li

Panelists: John Logan, Brown University

3127. GIS Specialty Group Honors Student Paper Competition (Sponsored by Geographic Information Science and Systems Specialty Group)*Room:* Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Sarah Elwood, University of Washington

CHAIR(S): Sarah Elwood, University of Washington

8:00 Stephanie Deitrick*, School of Geographical Sciences, Arizona State University, *The Influence of Expertise on Decision Making Under Uncertainty.*

8:20 Julianne Gard*, University of Southern California, *GIS on the Margin: contextualizing the non-expert user.*

8:40 Derek T. Robinson*, University of Michigan, *Development of a GIS-based agent-based model as a platform to evaluate ecological land-use development policies.*

9:00 Janis L Schubert*, University of Texas at Dallas, *Incorporating a High-Resolution Temporal Dimension into an Analysis of Urban Violent Crime.*

9:20 Kyle Richard Hogrefe*, Oregon State University - Department of Geosciences, School of Geography, *Derivation and Integration of Shallow-water Bathymetry: Implications for Coastal Terrain Models and Subsequent Analyses.*

THURSDAY, APRIL 17**8:00 AM - 9:40 AM****3100****3128. Geographical Dimensions of West Nile Virus***Room:* Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Heather Conley, Illinois State University

8:00 Karl P Malamud-Roam, Ph.D.*, American Mosquito Control Association, *Building Landscapes of Death? Wetland Creation and Mosquito-borne Disease.***8:20** Lashale D. Pugh*, University of Maryland College Park, *Socio-demographic Characteristics as Risk Factors for West Nile Virus Infection.***8:40** Stephen Berhane*, Texas A&M University, *Predicting risk of West Nile virus in the urban areas of Texas.***9:00** Jane Messina, Graduate Student*, UIUC Department of Geography, *West Nile Virus in the Greater Chicago Area, 2002-2006: Environmental and Behavioral Determinants of Risk.***9:20** Heather K. Conley*, Illinois State University, *'Fighting the Bite' in Idaho: Scale, Precision and Accuracy of Mosquito Abatement Efforts.***3129. Private Science, Environmental Governance & the Management of Knowledge (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)***Room:* Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Leigh Johnson, University of California Berkeley; James Porter

CHAIR(S): Rebecca Lave, UC Berkeley Geography Department

8:00 Dean Bavington*, University of Michigan, *Government Spawned and Supported from Egg-to-Plate: Neoliberal Fisheries Management and the Corporate Domestication of Cod on Canada's East Coast.***8:16** Beatriz Bustos*, Syracuse University, *Knowing your salmon: environmental governance and science production in Chile.***8:32** Jessica Dempsey*, University of British Columbia, *Re-making biodiversity and ecology for ecosystem services.***8:48** Leigh Johnson*, University of California Berkeley, *Private Science to Create Responsible Citizens? Governing Hurricane Risk Pools through Proprietary Catastrophe Models.***9:04** James Jonathan Porter*, King's College London, *Science is Science, isn't it? Flood Modelling, Commercial Science, and Neoliberal Politics.*

Discussant(s): Scott Kirsch, University of North Carolina

3130. Geographies of Health and Education*Room:* Orleans Room, Marriott, 4th Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kristin Alvarez, Keene State College

8:00 Jordan W. Tompkins, MA candidate*, The University of Western Ontario; Stewart B. Harris, MD, MPH, FCFP, FACPM, Department of Family Medicine, Schulich School of Medicine & Dentistry, The University of Western Ontario; Isaac N. Luginaah, PhD, Canada Research Chair in Health Geography, Department of Geography, The University of Western Ontario; Rick H. Glazier, MD, MPH, Institute for Clinical Evaluative Sciences, *Investigating the association between geographic regions and type 2 diabetes clinical outcomes and associated risk factors in Southwestern Ontario..***8:05** Patricia E. Polo*, University of North Carolina, *Modeling malarial landscapes in the Northern Ecuadorian Amazon: a social and environmental approach.***8:10** Francis P. Boscoe*, New York State Department of Health; Kevin A Henry, New Jersey Department of Health and Senior Services, *Using the National Provider Identifier (NPI) Registry for Geographical and Epidemiological Analysis.***8:15** Harvey Lee Guthrey*, University of North Texas; Joseph Oppong, Ph.D., University of North Texas; Robert B Finkelman, Ph.D., University of Texas at Dallas, *Possible Correlation between the Presence of Pliocene Lignite Deposits and Kidney and Renal Pelvic Cancers in Texas 1980-1998.***8:20** Audrey M Mohan*, Texas State University-San Marcos, *Survey Development and Measurement of Geography Teacher Self-Efficacy.***8:25** Lesley Claire Calise*, University of Richmond, *Environmental Education and Biodiversity Conservation within the Peruvian Amazon.***8:30** Claudine M. Costich*, University of Maryland - College Park, *Assessing middle-school, high-school, and college students' interests in geography.***8:35** Stephen Gibson*, Arizona State University, *Role of Internet in the Management of Geography Lesson Plans.***8:40** Joel Quam*, College of DuPage, *The E-Textbook: Geography of Russia.***8:45** Sheryl Magzamen*, University of California, Berkeley; Sara L Gale, University of California, Berkeley; John D Radke, University of California, Berkeley; Ira B Tager, University of California, Berkeley, *The Impact of neighborhood Classification on Ecological-level Factors Associated with Childhood Asthma.***8:50** Cora Ann Jakubiak*, The University of Georgia, *English Language Voluntourism: To Teach or to Save the World?.***8:55** Jun Zhu*, University of Massachusetts Boston; Helenmary Hotz*, University of Massachusetts Boston, *Using GIS to develop an education model for alternative high schools.***9:00** Melinda Casey, M.Ed.*, Texas Alliance for Geographic Education, Grand Prairie ISD, *Using Geography Field Methods in a Middle School Classroom.***9:05** Frank Lombardi, Keene State College; Kristin Alvarez*, Keene State College, *GIS: A Spatial Learning Tool in the Classroom.***3131. New Directions in Health/Medical Geography I (Sponsored by Medical Geography Specialty Group)***Room:* Yarmouth Room, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Vandana Wadhwa, Boston University

CHAIR(S): Vandana Wadhwa, Boston University

Panelists: Gerard Rushton, University of Iowa; Susan Elliott, McMaster University; Joseph R. Oppong, University of North Texas; Robert Earickson, University Of Maryland; Cynthia Pope, Central Connecticut State University

THURSDAY, APRIL 17

8:00 AM - 9:40 AM

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3133. Land use Analysis and Modeling**Room:** Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anna Versluis, Clark University

8:00 Megan E Grinde*, Macalester College, *Small-hold Alternatives for Land Redistribution in South Africa.***8:20** Michele M Tobias*, University of California, Davis, *Beachscapes: The Spatial Effects of Foot-Traffic on Beach Vegetation.***8:40** Angela Cacciarru*, University of North Carolina at Chapel Hill, *Rural development goals and the many facets of property: the case of Sardinia.***9:00** Anna Versluis*, Clark University, *Upstream land management following downstream flood disaster: A case for a multilevel model.***3134. Medical Geography: Spatial Analysis****Room:** Maine Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Peter A. Rogerson, University At Buffalo

8:00 Elisabeth Dowling Root, MA*, University of North Carolina - Chapel Hill, *Spatio-temporal clustering of birth defects in North Carolina.***8:20** Indy M Hurt*, UCSB Geography, *The Impact of Risk Perception on the Spread of Infectious Disease, Implications for Agent Based Modeling.***8:40** Mylene Riva*, University of Montréal; Lise Gauvin, University of Montréal; Philippe Apparicio, University of Québec (INRS-UCS); Jean-Marc Brodeur, University of Montréal, *Examining the distinct influence of the built and socioeconomic environments on walking: implications of designing "aetiologically meaningful" and homogenous zones.***9:00** Haitang Hu, State Key Lab of Remote Sensing Science, Institute of Remote Sensing Applications, Chinese Academy of Sciences; Peng Gong*, State Key Lab of Remote Sensing Science, Institute of Remote Sensing Applications; Bing Xu, Department of Geography, University of Utah, *Spatially Explicit Multilevel Agent-based Modelling for Schistosomiasis Transmission.***9:20** Peter A. Rogerson*, University At Buffalo; Gerald E. Bove, University at Buffalo; John Vena, University of South Carolina, *The Detection of Spatial Clusters in Case-Control Data.***3135. Dimensions of Wetland Science****Room:** New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James A. Schmid, Schmid & Company Inc

8:00 Robert P Brooks, Ph.D.*, Penn State Geography; Kristen Hychka, Penn State Geography; Joseph A Bishop, Penn State Cooperative Wetlands Center; Gian L Rocco, Ph.D., Penn State Cooperative Wetlands Center; Wayne L Myers, Ph.D., Penn State School of Forest Resources; Jeremy Hite, Penn State Cooperative Wetlands Center; Brian Armstrong, Penn State Cooperative Wetlands Center, *Using a GIS-based Spatial Habitat Model to Locate Recovery Areas and Conservation Banks for of the Federally Threatened Bog Turtle (Gleptemys muhlenbergi).***8:20** Heather Moody*, Michigan State University; Tara LaLonde, Michigan State University; Sarah Hession, Michigan State University; Beverly Walters, Michigan State University; Joseph Martin, Michigan State University; Crosby Savage, Michigan State University; Lesley Fusina, Michigan State University; CourtneyGallaher, Michigan State University; Catherine Yansa, Michigan State University, *Analysis of presettlement composition of tamarack swamps in southern Lower Michigan using GLO data and GIS.***8:40** Cynthia Berlin*, University of WI - La Crosse; Jennifer Dieck, US Geological Survey, *Comparison of Manual and Automated Land Cover Classification Methods for Pinhook Bog, Indiana Dunes National Lakeshore.***9:00** Kristen C Hychka*, Penn State Geography; Robert P Brooks, PhD, Penn State Geography; Denice H Wardrop, PhD, Penn State Geography; C Andrew Cole, PhD, Penn State Landscape Architecture, *Hydrogeomorphic Reach Characterization for Headwater Wetlands.***9:20** James A. Schmid, Ph. D.*, Schmid & Company Inc., Consulting Ecologists, *Ecological and Soil Regions Along the Atlantic Coastal Plain---Rules for Clean Water Act Wetland Delineation.***3137. Protected Areas, Human-Wildlife Conflict, and Conservation I: Perspectives and Lessons from Africa (Sponsored by Africa Specialty Group, Cultural and Political Ecology Specialty Group, Developing Areas Specialty Group)****Room:** Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Monica V Ogra, Gettysburg College; Joel Hartter, University of New Hampshire

CHAIR(S): Joel Hartter, University of New Hampshire

Introducer: Monica V Ogra

8:00 Brian A Child, Ascco Prof*, University of Florida, *The Community Dashboard: Developing a tool for the adaptive management of governance in community conservation in southern Africa.***8:20** Mara Jill Goldman, PhD*, University of Colorado, *Erasing the Politics from Human-Wildlife Conflict? The Case of Maasai-lion Predation in East Africa.***8:40** Tor A. Benjaminsen*, Norwegian University of Life Sciences; Thembele Kepe, University of Toronto; Stine Bråthen, Norwegian University of Life Sciences, *Between global interests and local needs: conservation and land reform in Namaqualand, South Africa.***9:00** Juanita Garcia-Saqui, Ms Interdisciplinary Ecology*, University of Florida; Brian Child, Associate Professor, University of Florida, *Community based programs influencing conservation attitudes in the Caprivi Strip, Namibia..***9:20** Joel Hartter*, University of New Hampshire; Goldman C Abraham, University of Florida, *The Impacts of a Forest Park on Household Livelihoods.***3138. Religion, age and everyday life I (Sponsored by Geography of Religions and Belief Systems Specialty Group)****Room:** St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Elizabeth A. Olson, University of Edinburgh; Peter E Hopkins, Newcastle University, UK

CHAIR(S): Elizabeth A. Olson, University of Edinburgh

8:00 Elizabeth A. Olson*, University of Edinburgh; Peter Hopkins, Newcastle University; Giselle Vincett, University of Edinburgh; Rachel Pain, Durham University, *Faith, football and sectarian stories in Scotland: rethinking the meanings of religion from young people's perspectives.***8:20** Catherine Duce, M.A.*, University of Durham, UK, *Transnational religion and the everyday lives of indigenous older people in the Peruvian Andes.***8:40** Peter J. Hemming*, University of Leeds, *Exploring religion and spirituality in children's everyday school spaces: some ethical and methodological considerations.*

THURSDAY, APRIL 17**8:00 AM - 9:40 AM****3100**

9:00 Deborah A. Phillips*, University Of Leeds, *Speaking Up: Young British Muslim Women's Negotiation of 'Self' through Constructions of Home.*

Discussant(s): Peter E Hopkins, Newcastle University, UK

3139. Anti-Hegemonic Thought and Praxis in Feminist Geography (Sponsored by Geographic Perspectives on Women Specialty Group, IGU Gender and Geography Commission)

Room: St. George B, Westin, 3rd Floor (Panel Session)

ORGANIZER(S): Karen Falconer Al-Hindi, University of Nebraska; Janice Monk, University of Arizona

CHAIR(S): Linda Peake, York University

Introducer: Linda Peake

Panelists: Janice Monk, University of Arizona; Maria-Dolors Garcia-Ramon, Autonus University at Barcelona; Robyn Longhurst, University of Waikato; Lawrence D. Berg, University of British Columbia; Karen Falconer Al-Hindi, University of Nebraska

3140. Tourism Development in Towns and Rural Areas: Promises, Trends, and Change (Sponsored by Recreation, Tourism, and Sport Specialty Group, Rural Geography Specialty Group)

Room: St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Robert E. Pfister, MUC

CHAIR(S): Robert E. Pfister, MUC

8:00 Gemma Canoves, professor*, Universitat Autònoma de Barcelona, *Rural Tourism in Spain: present and future trends.*

8:20 Thanathorn Vajirakachorn*, *Community-Based Tourism in Thailand: An overview.*

8:40 Yumiko Yamamoto*, Central Michigan University; Daisaku Yamamoto, Central Michigan University, *Tourism development in rural towns around the Sleeping Bear Dunes National Lakeshore.*

9:00 Robert E. Pfister*, Malaspina UC, *Perceived Benefits of Tourism Development by Rural Residents.*

3141. Geographies of Media V: Visuality, Affect, and the Everyday (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: St. George D, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Jason Dittmer, University College London; Chris Lukinbeal, Arizona State University

CHAIR(S): Chris Lukinbeal, Arizona State University

8:00 Sirpa Tani*, University Of Helsinki, *Emotions, Memories and the Everyday: Possibilities of Visual Methodology in Geography.*

8:20 Anna- Kaisa Kuusisto-Arponen*, University Of Tampere, *Khora of everyday life: journeying and existential places in travel diaries.*

8:40 Jenny Duncan*, California State University Northridge, *Genocide of Affect.*

9:00 Sebastien Caquard*, Université De Montréal, *Mapping Cinematic Cartography.*

9:20 Chris Lukinbeal, PhD*, Arizona State University, *Cinematic Cartographies: The Challenges, Paradoxes and Perils.*

3142. Climate Change and Indigenous Peoples II: Working with Animal Nations (Sponsored by Indigenous Peoples Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Essex North-West, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Sarah F. Trainor, University of Alaska - Fairbanks

8:00 Martha Dowsley, PhD*, Lakehead University, *Inuit and Polar Bear Management in a Changing Climate.*

8:20 Chie "Siqiniq" Sakakibara*, University of Oklahoma, *Global Warming and the People of the Whales: Inupiat Survival in a Changing World.*

8:40 Shannon McNeeley*, University of Alaska Fairbanks, *When the Cold Weather Grows Old: Climate Change Impacts, Vulnerability and Adaptive Capacity in the Koyukuk-Middle Yukon Region of Interior Alaska.*

9:00 Laurie Richmond, PhD Candidate*, University of Minnesota, Department of Fisheries, Wildlife, and Conservation Biology, *Knowledge and Power in the Commons: Tracing dynamics between fishery scientist and Alaska Native fishing community narratives of the Pacific halibut fishery on Kodiak Island.*

3143. Non-Representational Geographies I: Performances

Room: Essex North-East, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): John-David C. Dewsbury, University Of Bristol; John Wylie, University Of Exeter

CHAIR(S): John Wylie, University Of Exeter

8:00 John-David C. Dewsbury*, University Of Bristol; Derek McCormack*, University of Oxford, *Refraining from Representation for Refrains Affirming the Event of Thought.*

8:20 Paul Simpson*, University of Bristol, *'Falling on Deaf Ears': a post-phenomenology of sonorous presence.*

8:40 Nissa Ramsay*, University of Sheffield, *Animating objects: Tourist souvenirs and moments of refraction.*

9:00 Jamie Lorimer*, University of Oxford, *Witnessing affect: Video methodologies for more-than-human geographies.*

Discussant(s): John Wylie, University Of Exeter

3144. Author Meets Critics: Ruth Wilson Gilmore's "Golden Gulag: Prisons, Surplus, Crisis, and Opposition in Globalizing California"

Room: Essex North-Center, Westin, 3rd Floor (Panel Session)

ORGANIZER(S): Laura Pulido

CHAIR(S): Laura Pulido

Panelists: Katherine McKittrick, Queen's University; Jamie Peck, University of Wisconsin, Madison; Laura Y. Liu, The New School; Clyde Woods, University of California, Santa Barbara; Ruth Gilmore, University of Southern California; Andrea Smith, Depts. of American Culture and Women's Studies, University of Michigan

THURSDAY, APRIL 17

8:00 AM - 9:40 AM

3100

3145. International Urban Population Studies: Estimation and Beyond (Sponsored by Population Specialty Group, Urban Geography Specialty Group)*Room:* Staffordshire, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): David R. Rain, The George Washington University

CHAIR(S): David R. Rain, The George Washington University

8:00 Robert Max Leddy*, U.S. Bureau Of the Census; Ryan N Engstrom, George Washington University, *Use of Remote Sensing Imagery to Distribute Populations to Inhabited Places in Haiti for Population-At-Risk Assessments.***8:20** Erin Hogan Fouberg*, Northern State University, *The Geospatial Characteristics of Migrants to the Cyberabad Region of Hyderabad, India.***8:40** David R. Rain*, The George Washington University, *Grounding Urban Vulnerability: A Preliminary Approach.***9:00** Ryan Engstrom*, George Washington University, *A Methodology for Using Optical Remotely Sensed Data for Distributing Populations at the Sub-National Level: A Case Study for Haiti.***9:20** Eddie Bright*, Oak Ridge National Laboratory; Phil Coleman, Oak Ridge National Laboratory, *Using Parcel Address Points to Update Intercensal Population Distribution.***3146. Commuting, Land Use, and Spatial Structure I (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)***Room:* Parliament Room #1, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Mark W. Horner, Florida State University; Edmund J. Zolnik, George Mason University

CHAIR(S): Mark W. Horner, Florida State University

8:00 Morton E. O'Kelly*, The Ohio State University, Department of Geography; Michael A. Niedzielski, The Ohio State University, Department of Geography, *Trip distribution sensitivity analysis - how difficult is it to reduce average trip length?.***8:20** John Östh, Dr.*, Uppsala University, *Introducing a measure of doubly constrained accessibility.***8:40** Bernadette M Marion*, The Florida State University; Mark W. Horner, Assistant Professor, The Florida State University, *Incorporating Multiple Dimensions of Segregation in a Measure of Jobs-Housing Balance.***9:00** Bradley Wilson Lane*, Indiana University, *Assessing spatial patterns in changes in work-trip commuting and the role of rail transit.***9:20** Selima Sultana*, University of North Carolina-Greensboro, *New Suburbs and their Journey-to-Work Patterns: Do they Present New Opportunities for Transportation Access and Mobility?.***3147. Cyberinfrastructure-Computational (Sponsored by Geographic Information Science and Systems Specialty Group)***Room:* Empire Room #6, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Chaowei Yang, George Mason University; Robert Raskin, Jet Propulsion Lab

CHAIR(S): Shaowen Wang, University of Illinois at Urbana-Champaign

8:00 Shaowen Wang*, University of Illinois at Urbana-Champaign, *Cyberinfrastructure-Enabled Geographic Information Systems.***8:20** Bin Zhou*, George Mason University; Chaowei Yang, CISC, College of Science, George Mason University; Fuming Lin, George Mason University, *An Open**Cyberinfrastructure for Geospatial Computing.***8:40** Xuan Shi*, Georgia Tech, *Service-oriented Cyberinfrastructure Framework for the Geospatial Data and System Integration.***9:00** FuMing Lin*, George Mason University; KaiMing Xu, Heilongjiang Geomatics Center; ChaoWei Yang, George Mason University; QingQuan Zhang, Heilongjiang Geomatics Center; Mo Zhou, Heilongjiang Geomatics Center, *Geospatial Information Infrastructure and Manifestations of Location-Based Service of Hei Long Jiang LBS center.*
Discussant(s): Yichun Xie, Eastern Michigan University**3148. Coastal Environments I (Sponsored by Coastal and Marine Specialty Group, IGU Commission on Coastal Systems)***Room:* North Star Room #10, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Steve Namikas, Louisiana State University; Jean Taylor Ellis, NASA

CHAIR(S): Jean Taylor Ellis, NASA

8:00 Tiffany C. Vance*, Oregon State University/NOAA; Nazila Merati, NOAA-PMEL/UW-JISAO; Sharon Mesick, NOAA/NCDDC; Christopher Moore, NOAA-PMEL/UW-JISAO, *Three-dimensional GIS-based Display of Larval Fish Tracking Models.***8:20** Nancy L. Jackson*, New Jersey Institute Of Technology; Karl F. Nordstrom, Rutgers University; Sherestha Saini, New Jersey Institute of Technology, *Transport of Horseshoe Crab Eggs and Sediment in the Swash Zone of an Estuarine Beach.***8:40** Steve Namikas*, Louisiana State University, *Field Measurements and Modeling of Aeolian Saltation Trajectory Dimensions.***9:00** Eugene Farrell*, Texas A&M University; Douglas J Sherman, Professor, Texas A&M University, *Influence of environmental conditions and experiment design on fitted decay functions for wind blown sand.***9:20** Yuanda Zhu*, Louisiana State University; Steven L. Namikas, Louisiana State University; David Weindorf, Louisiana State University, *Simulations of spatial and temporal variability in beach surface moisture content: Model validation.***3149. Critical Geographies of Education I: Citizenship, Pedagogy, Technologies of Government (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)***Room:* Defender Room #5, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Suzanna Klaf, Ohio State University; Ranu Basu, York University

CHAIR(S): Ranu Basu, York University

8:00 Glenna Harris*, University of Toronto, *'Playing' Citizenship: Role Play as Research in Children's Schools.***8:20** Jessica Pykett*, Open University, *Citizenship Education and the Pedagogical State.***8:40** Sarah De Leeuw*, University of Arizona, *"To Produce Indians:" Colonialism, the Educational Spaces of Residential Schools, and Aboriginal Peoples' Contemporary Schooling Marginalization in Canada.***9:00** Suzanna Klaf*, The Ohio State University, *The Three R's of Urban School Space: Reform, Representation, and Reproduction.*

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8:00 AM - 9:40 AM

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3150. Governing the environment V: Democratic inclusions and exclusions (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)

Room: Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan

CHAIR(S): Brent McCusker, West Virginia University

8:00 Derick A Fay, PhD*, Union College, *Property Rights and Political Representation in Struggles over Protected Area Proposals in the USA and South Africa.*

8:15 Solange Bandiaky, Ph.D. Candidate*, Women's and Gender Studies Clark University, *Gender Equity, Electoral Politics, and Natural Resource Decentralization: Women trapped by multiparty politics in Senegal.*

8:30 Tapoja Chaudhuri, Ph.C.*, University of Washington, *Professionalizing 'Empowerment': Delineating Communities in a 'model' Tiger Reserve.*

8:45 Jeremy M. Campbell*, University of California, Santa Cruz, *Projecting Sustainability: Negotiating the Sustainable Br-163 Highway Plan in Brazil.*

Discussant(s): Pamela D. McElwee, Arizona State University

3152. Asia's Urban Future: Planning Trends, Issues and Challenges to 2035 (Sponsored by Regional Development and Planning Specialty Group)

Room: Baltic Room #3, Westin, 7th Floor (Panel Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg University; Ashok K. Dutt, University Of Akron

CHAIR(S): Shii Okuno, University of Kentucky

Panelists: George M. Pomeroy, Shippensburg University; Rajrani Kalra, Kent State University and University of Central Arkansas; David Rands, Frostburg State University; Ashok K. Dutt, University Of Akron; Roman Cybriwsky, Temple. University; Jennifer Pomeroy, University of Maryland at College Park; Sudhir K. Thakur, California State University Sacramento; Christian Tettey, Trent University

3155. The Geography of Entrepreneurship - I (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Erik Stam, Utrecht University

CHAIR(S): Erik Stam, Utrecht University

8:00 Heiko Bergmann, Dr.*, University of St. Gallen, Switzerland, *Entrepreneurship Differences within Switzerland: Do taxes and culture play a role?.*

8:20 William Graves*, UNC-Charlotte, *The Southern Culture of Risk Capital: The Path Dependence of Entrepreneurial Finance.*

8:40 Doug Lionais*, Cape Breton University, *Entrepreneurship in Depleted Communities: High Growth Firms in Declining Regions.*

9:00 Niels Bosma*, Utrecht University; Veronique Schutjens, Utrecht University; Erik Stam, University of Cambridge, *Determinants of ambitious entrepreneurship in Europe: A multilevel approach.*

Discussant(s): Edward Malecki, Ohio State University

3156. Spatial Analysis and GIS: Application

Room: Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Germana Manca, Department of Geography

8:00 Kwan Kit Wong*, Tung Fung, *Ecotourism Planning in Lantau Island using Multiple Criteria Analysis with GIS.*

8:20 Chih-Yu Lai*, Department of Geography and Center for Spatial Analysis at University of Oklahoma; May Yuan, Department of Geography and Center for Spatial Analysis at University of Oklahoma; Hank Jenkins-Smith, Department of Political Science and Center for Applied Social Research at University of Oklahoma; Kishore Gawande, George Bush School of Government and Public at Texas A&M University, *Examining the Effect of Nuclear Waste Shipments on Property Values: a Local Perspective.*

8:40 Nagendra Singh*, GIST, Oak Ridge National Laboratory; Budhendra L Bhaduri, GIST, Oak Ridge National Laboratory, *Spatial Distribution Of Carbon Emissions From Landfills And Wastewater Plants In The Continental US..*

9:00 Germana Manca*, Department of Geography, George Mason University; Gennaro Spera, CNR, Centro Nazionale delle Ricerche, Rome, *SPeSS Agency: Sardinia Per Secure Solar Energy..*

3157. Using Geospatial Technologies for Hazard Studies (Sponsored by Hazards Specialty Group)

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Jamie Mitchem, California University of Pennsylvania; Thomas R. Mueller, California University of Penn.

CHAIR(S): Jamie Mitchem, California University of Pennsylvania

8:00 John C. Pine, Louisiana State University; Carol J. Friedland, Louisiana State University; Douglas Bausch, DHS/FEMA, *Hazard Risk Assessment Software and Reality.*

8:20 Malcolm MacGregor*, *Geospatial Information Technologies in Emergency Management Education.*

8:40 Mathew Schmidtlein*, University of South Carolina; Susan L. Cutter, University of South Carolina; John Shafer, University of South Carolina, *Modeled Earthquake Losses and Social Vulnerability.*

9:00 Michael S Scott, PhD, GISP*, Salisbury University, *Analysis of Flood Vulnerability in Salisbury, Maryland using HAZUS-MH.*

9:20 Thomas R. Mueller, Ph.D., GISP*, California University of Penn.; Jamie D Mitchem, Ph.D.*, California University of Pennsylvania, *Vulnerability Analysis using HAZUS and CAMEO.*

3158. International Tourism Development and Potential

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Judith Otto, University of Minnesota

8:00 Hongtao Feng, Los Angeles Office, Japan Tourism Bureau International; Guoqing Du*, College of Tourism, Rikkyo University, *Transition of Travel Destinations of Japanese Package Tours in China by Newspaper Advertisements.*

8:20 Xiaobo Su*, Department of Geography, University of Oregon; Peggy Teo, Department of Geography, National University of Singapore, *Consumption and Tourist Agency in Heritage Tourism.*

THURSDAY, APRIL 17

8:00 AM – 9:40 AM

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- 8:40** Daniel Costea*, Faculty Of Geography, UBB CLUJ
NAPOCA, *Tourist Potential and Tourism Management of Salt Waters in Transylvania Depression.*
- 9:00** Pere A. Salva-Tomas, Dr.*, University of Balearic Islands (Spain), *Tourism Development and Human Mobility: The Balearic Islands (Spain) as a case study.*
- 9:20** Judith Otto*, University of Minnesota, *Whose history? Heritage tourism in Kazimierz and Nowa Huta (Krakow), Poland.*
- 3159. Applications and Extensions of Spatial Eigenvector Filtering (Sponsored by Spatial Analysis and Modeling Specialty Group)**
Room: Beacon F, Sheraton, 3rd Floor (Paper Session)
ORGANIZER(S): Michael Tiefelsdorf, U of Texas at Dallas
CHAIR(S): Yongwan Chun, The University of Texas at Dallas
8:00 Michael Tiefelsdorf*, U of Texas at Dallas, *Spatial Relationship Matrices and Their Eigenvectors.*
8:20 Ted Beckstead*, University of Texas at Dallas; Daniel A Griffith, University of Texas at Dallas; I Fang Sun, Tunghai University, Taiwan, *Multivariate Poisson Spatial Filtering..*
8:40 Daniel A. Griffith*, University of Texas - Dallas; David W Wong, George Mason University, *Spatially structured random effects and the population density structure of major U.S metropolitan areas between 1980 and 2000.*
9:00 Gert-Jan Linders*, Department of Spatial Economics, VU University of Amsterdam, The Netherlands; Roberto Patuelli, Department of Spatial Economics, VU University of Amsterdam, The Netherlands; Daniel A. Griffith, School of Economic, Political and Policy Sciences, University of Texas at Dallas, USA, *The Space of Gravity: Spatial Filtering Estimation of a Gravity Model for Bilateral Trade.*
9:20 George Madrid*, University of Texas, Dallas; Yongwan Chun, The University of Texas at Dallas; Michael Tiefelsdorf, University of Texas at Dallas, *Spatial Filtering of Bladder Cancer Mortalities by Poisson Regression.*
- 3160. Transnational Retail and the Global Economy**
Room: Beacon G, Sheraton, 3rd Floor (Paper Session)
ORGANIZER(S): Wance Tacconelli, University of Southampton; Neil Wrigley, University of Southampton
CHAIR(S): Neil Coe, University Of Manchester
8:00 Wance Tacconelli*, University of Southampton; Neil Wrigley*, University of Southampton, *Organisational Challenges and Strategic Responses of Retail Transnational Corporations in Emerging Markets: the Case of China.*
8:20 James J. Biles*, Indiana University, *The "supermarket revolution", embeddedness and the transformation of retailing landscapes in Mexico.*
8:40 Nebahat Tokatli*, New School University, *Sourcing Strategies of High-End Clothing Retailers within the Global Economy.*
9:00 Markus Hassler*, Philipps-University Marburg, *Retail internationalization in Turkey.*
Discussant(s): Neil Coe, University Of Manchester; Martin H. Hess, University of Manchester
- 3161. The Politics and Practices of Participatory Video in Geographic Research (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group)**
Room: Beacon H, Sheraton, 3rd Floor (Paper Session)
ORGANIZER(S): Caitlin Cahill, University of Utah; Sara Kindon, Victoria University of Wellington
CHAIR(S): Louise Waite, University of Leeds
8:00 Caitlin Cahill*, University of Utah, *Reframing personal experiences of racism through participatory video research.*
8:15 Kaye Frances Haw, Dr*, University of Nottingham, *The Ordinary and Extraordinary Everyday Lives of Young People Living in a High Crime Area..*
8:30 Bree Kessler, MSW, MPH, MS*, CUNY Graduate Center, *Photovoice/Fotovoz Honduras: Place, Identity and a Gendered Environmental Health Agenda.*
8:45 Pamela E Richardson*, University of Oxford, *Ethical engagements and Participatory Video.*
9:00 Louise Waite*, University of Leeds; Cath Conn, University of Leeds, *Participatory video: How to see without gazing?.*
- 3162. Pig Iron, Roads and Other Drivers: The Use of Remote Sensing and GIS in Tropical Land Cover Analysis**
Room: Kent, Sheraton, 3rd Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Daniel Redo
8:00 Ane A.C. Alencar*, University of Florida; Daniel Zarin, University of Florida, *Charcoal production and forest degradation in the Eastern Amazon.*
8:20 Risa Patarasuk*, University of Florida, *The Effects Of Roads On Population, Settlement Pattern And Land Cover In Lop Buri Province, Thailand.*
8:40 Erika Espeland*, CMU; Xiaolan Wu, CMU; Tao Zheng, CMU; Charles M Hastings, CMU, *Human Settlement Patterns in Montane Tropical Forests of Eastern Peruvian Andes.*
9:00 Ziyang Jiang*, *The Road Extension Model in the Land Change Modeler for Ecological Sustainability of IDRISI.*
9:20 Daniel Redo*, Texas A&M University; Andrew Millington, Texas A&M University; Hongxing Liu, Texas A&M University; Bailang Yu, Texas A&M University, *Incorporating Novel Data Sources and Techniques to Map Land-cover and Land-use Change along Bolivia's Corredor Bioceánico from 1964 to 2007.*
- 3163. Geographies of Peak Oil (Sponsored by Economic Geography Specialty Group, Energy and Environment Specialty Group)**
Room: Jefferson, Sheraton, 3rd Floor (Paper Session)
ORGANIZER(S): Gavin Bridge, University of Manchester; Andrew Wood, University of Kentucky
CHAIR(S): Gavin Bridge, University of Manchester
8:00 Andrew Barry*, Oxford University, *Between Geoscience and Economics: the Political Metrology of Oil Reserves.*
8:20 Emma Hemmingsen*, University of Toronto, *The Peak Oil Debate: The Carrot of Energy Security and the Stick of Petroleum Scarcity.*
8:40 Berit Kristoffersen, MA*, *Energy security and environmental risks.*
9:00 Andrew Wood*, University of Kentucky; Gavin Bridge, University of Manchester, *Less is More: spectres of scarcity and the politics of resource access.*
Discussant(s): Ian Bailey

THURSDAY, APRIL 17**8:00 AM - 9:40 AM****3100****3164. Critics Meets Author: Disposable Women and Other Myths of Global Capitalism (Sponsored by Geographic Perspectives on Women Specialty Group, Social and Cultural Geography)***Room: Exeter, Sheraton, 3rd Floor (Panel Session)*

ORGANIZER(S): Marion Traub-Werner, University of Minnesota; Veronica Crossa, University College Dublin

CHAIR(S): Veronica Crossa, University College Dublin

Discussant(s): Mary Gilmartin, NUI Maynooth; Vincent J. Del Casino, California State University, Long Beach

Panelists: Tad Mutersbaugh, University of Kentucky; Mary E. Thomas, Ohio State University; Wendy Larner, University of Bristol; Melissa W. Wright, Penn State University; Cindi Katz, CUNY Graduate Center

University, *Random Numbers and Land Cover Mapping Impacts*.**3165. Listen to the Land***Room: Berkeley, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Misha Mytar, University of Southern Maine

8:00 Sanchayeeta Adhikari*, University of Florida, *Land Use Land Cover change in the Bannerghata National Park and Suvarnamukhi Watershed Area*.**8:20** Karyl Fuller*, *Is Vermont an Endangered Place?: Looking at the Efficacy of Vermont's Act 250 and Act 2005 on High-Growth Towns*.**8:40** Danielson Ramoz Kisanga, Dr*, University of New Mexico; Nikolaus J Kuhn, Professor, Departement of Environmental Sciences, University of Basel, Switzerland, *The Impact of Changing Land Use and Cover on Water Resources on Tropical Mountain Ecosystems*.**9:00** Issa Ouedraogo*, Department of Forest Resource Management, SLU, Umea (Sweden); Ulf Söderberg, Department of Forest Resource Management, SLU, Umea (Sweden); Mats Sandewall, Department of Forest Resource Management, SLU, Umea (Sweden); Jean-Marie Ouadba, Departement Production Forestière, INERA, Ouagadougou (Burkina Faso), *Land-Use and Land-Cover Change as Response to Migrant Pressures in Southern Burkina Faso, West Africa*.**9:20** Misha Mytar*, University of Southern Maine; Mark B. Lapping, Dr., University of Southern Maine; Lydia Savage, University of Southern Maine, *The New England Forest: Issues and Problems Confronting the Dominant Regional Land Use*.**3166. Classification and Remote Sensing***Room: Hampton A, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Joseph P. Messina, Michigan State University

8:00 Fei Wang*, Louisiana State University; Nina Lam, Louisiana State University, *Data Mining, Process Mining, and Spatiotemporal Modeling for Land-Cover and Land-Use Study*.**8:20** Wenxue Ju*, Louisiana State University; Nina S.-N. Lam, Louisiana State University, *Integrating Lacunarity Analysis and Support Vector Machines for Land Use/Cover Classification*.**8:40** Kuan Song*, University of Maryland; John R.G. Townshend, University of Maryland, *The Imbalanced Training Dataset Pitfall with Supervise Classifications of Remotely Sensed Imagery*.**9:00** Joseph P. Messina, Ph.D.*, Michigan State University; Yasuyo Makido, Ph.D., Michigan State University; Ashton M. Shortridge, Ph.D., Michigan State**3167. Agent Based Modeling, Simulation***Room: Hampton B, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Yuxia Huang

8:00 Wei Liang*, Louisiana State University, *An Integrated Agent-Based Microsimulation Model for Hurricane Evacuation in New Orleans*.**8:20** Rama Mohapatra*, University of Wisconsin Milwaukee; Changshan Wu, University of Wisconsin Milwaukee, *Modeling Urban Growth in Grafton, Wisconsin: An Integrated Spatial Econometric and Cellular Automata Approach*.**8:40** Lin Liu, PhD*, University of Cincinnati, *Progress in Crime Simulation*.**9:00** Stefan Leyk*, University of Colorado; Claudia Binder, University of Zurich, *An agent-based model for personalized exposure assessment in agricultural systems*.**9:20** Yuxia Huang*, Ling Bian, SUNY-Buffalo, *An agent-based system for personalized recommendations of tourist attractions*.**3171. Quaternary Environments of the Americas I: California (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)***Room: Fairfax B, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Amy M. Bloom, Illinois State University; David F Porinchu, Ohio State University

CHAIR(S): David F Porinchu, Ohio State University

8:00 Scott Starratt*, United States Geological Survey; John Barron, United States Geological Survey, *Correlating Late Glacial and Holocene Marine and Lacustrine Climate Records in Northern California*.**8:20** Amy M. Bloom*, Illinois State University; David F. Porinchu, The Ohio State University; Aaron P. Potito, National University of Ireland, Galway; Glen M. MacDonald, University of California at Los Angeles, *Recent climate change in the central Sierra Nevada, California, USA, as indicated by high-resolution diatom analysis*.**8:40** Douglas James Hallett, Ph.D.*, Queen's University; Anderson R. Scott, Ph.D., Northern Arizona University, *Paleo-Fire Reconstruction For High-Elevation Forests In The Sierra Nevada, California With Implications For Wildfire Synchrony And Late Holocene Drought*.**9:00** Camille A. Holmgren*, Buffalo State College; Julio L. Betancourt, U.S. Geological Survey; Kate A. Rylander, U.S. Geological Survey, *A 34,000-yr Record of the Mojave-Colorado Desert Ecotone at Joshua Tree National Park*.**9:20** Frances Malamud-Roam*, Department of Geography, University of California Berkeley; B. Lynn Ingram, Professor, Department of Geography and Earth and Planetary Sciences, University of California, Berkeley, *What Bay Muds can tell us about late Quaternary environments in the rest of California*.

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10:10 AM - 11:50 AM

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10:10 AM - 11:50 AM**3202. Hurricanes II: Hydrological and Biophysical Impacts (Sponsored by Climate Specialty Group)***Room:* Clarendon Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State University

CHAIR(S): Thomas Anthony Blanchette, Louisiana State University

10:10 Marshall Shepherd*, University of Georgia; Andrew Grundstein, University of Georgia; Thomas L. Mote, University of Georgia, *Quantifying the Contribution of Tropical Cyclones to Extreme Rainfall along the Coastal Southeastern United States.***10:30** David B Knight*, University of Virginia; Robert E Davis, University of Virginia, *Climatology of Tropical Cyclone Rainfall in the Southeastern United States.***10:50** Gwendolyn B. Rhodes*, University Of Maryland College Park, *Predicting Potomac River Basin Floods Based on Tropical Storm Character and Climatic Factors.***11:10** Corene J. Matyas, Ph.D.*, University of Florida, *Hurricane Dean: Relating observed forest damage to the official storm track.***11:30** Carlos E Ramos-Scharron*, Department of Biology, University of Puerto Rico; Carla Restrepo, Department of Biology, University of Puerto Rico, *Assessing the Downslope Transfer of Organic Carbon Induced by Shallow Landslide Activity Triggered by Hurricane Mitch in the Sierra de las Minas Mountain Range in Guatemala.***3203. Migration to the U.S.***Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Paul J. Kaldjian, University of Wisconsin -- Eau Claire

10:10 Alana Nelson*, Wellesley College; Alicia Geary, University of Wisconsin at Madison; Rebecca Torres, University of Texas at Austin/East Carolina University, *El "Otro Lado"/"The"Other Side": Veracruzano Youths' Perceptions of Migration to the United States.***10:30** Kaitlin Yarnall*, George Washington University, *Del Valle Alto a Washington-An analysis of Metropolitan Washington's Bolivian Community.***10:50** Thomas Niedomysl*, Institute for Futures Studies, *How migration motives change over distance: exploring variation across different sociodemographic groups.***11:10** Melissa Wicks, M.A.*, East Carolina University, *Estudiantes Luchando por una Vida Nueva: Academic Aspirations and Experiences of Rural Foreign Born Latino Students in Eastern North Carolina.***11:30** Paul J. Kaldjian*, University of Wisconsin-Eau Claire, *Veracruz-Wisconsin migration: Community-based, student-faculty research.***3204. J. Warren Nystrom Award Session I***Room:* Exeter Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Richard D. Wright, San Diego State University

CHAIR(S): Richard D. Wright, San Diego State University

10:10 Chris S. Duvall*, Michigan State University, *Settlement ecology and chimpanzee habitat in Mali.***10:30** Jean Taylor Ellis*, NASA, *Event Detection in Aeolian Saltation.***10:50** Lawrence Kiage*, Georgia State University, *Vegetation Change and Land Degradation in the Lake Baringo Basin, Kenya, East Africa: Evidence from the Paleorecord.***11:10** Constance Liu*, Case Western Reserve University; Duncan Neuhauser, PhD, Case Western Reserve University; Mei-po Kwan, PhD, Ohio State University; Douglas Einstadter, MD, MA, Case Western Reserve University; David Litaker, MD, PhD, Case Western Reserve University, *Measuring Geographic Access to Health Care: A Comparison of Measures.***3205. Careers in Applied Geography (Sponsored by Association of American Geographers, Applied Geography Specialty Group)***Room:* Fairfield Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Edwin C. Butterworth, United States Army Engineer Research & Development Center

CHAIR(S): Edwin C. Butterworth, United States Army Engineer Research & Development Center

Featured Panelists: Alper Caglayan, Milcord LLC; Raj Singh, Open Geospatial Consortium

*(see session description on page 44)***3206. Spatial Thinking and Geographic Education***Room:* Harvard Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Carol A. Gersmehl, Hunter College, CUNY

CHAIR(S): Michael N. Solem, Association of American Geographers

Introducer: Michael N. Solem

Panelists: Carol A. Gersmehl, Hunter College, CUNY; Sheryl Luzzadder-Beach, George Mason University; Phil Gersmehl, New York Center for Geographic Learning; Susan Gallagher, Association of American Geographers; Scott Bell, Brown University; Jongwon Lee

3207. Food Environments II: marketing consumption (Sponsored by Rural Geography Specialty Group)*Room:* Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Alejandro Guarin, University of California, Berkeley; Steven Garrett, University of Washington

CHAIR(S): Daniel R. Block, Chicago State University

10:10 Alejandro Guarin*, University of California, Berkeley, *David vs Goliath? The unlikely persistence of mom-n-pop stores in Bogotá, Colombia.***10:30** Alison Hope Alkon*, University of California, Davis; Christie McCullen*, University of California Davis, *Whiteness in Farmers Markets: Constructions, Perpetuations, Contestations?.***10:50** Erin Pratley*, University of Western Ontario, *Direct from the Farm: Farmer's experiences in a direct marketing program in Belo Horizonte, Brazil.*

Discussant(s): Amy Glasmeier, Pennsylvania State University

3208. Food, Glorious Food II*Room:* Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sandy Anne Johnson, University of Denver - Graduate School of International Studies

10:10 Jennifer Forkes*, University of Toronto, *Why "where" matters: An Ecological Footprint approach to estimating land use for food consumption..***10:30** James Looney*, University of Kentucky, *Depths, folds, and food: visualizing the Lexington Farmers' Market.***10:50** Roza Tchoukaleyska*, University of British Columbia, *The local farmer's market: food consumption and cultural identity in France.***11:10** Peter James Anthamatten, M.P.H., Ph.D*, Hunter College; Helen D Hazen, Ph.D., Macalester College, *An analysis of environmental factors in childhood nutrition status in Bolivia.*

THURSDAY, APRIL 17**10:10 AM - 11:50 AM****3200**

11:30 Sandy Anne Johnson*, University of Denver - Graduate School of International Studies; Stanley W Samarasinghe, Ph.D., Tulane University, *Fighting for Food: Food Security and Conflict in Sri Lanka*.

3209. 'Straddling the Fence' II: Theory, Practice, and History in Critical GIS

Room: MIT Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Matthew W. Wilson, University of Washington; Barbara Poore, United States Geological Survey

CHAIR(S): Eric S. Sheppard, University of Minnesota - Minneapolis

Panelists: Francis Harvey, University of Minnesota - Minneapolis; Mei-Po Kwan, Ohio State University; David O'Sullivan, University of Auckland; Marianna Pavlovskaya, Hunter College; Nadine Schuurman, Simon Fraser University

3210. Locating the Military-Industrial Complex II (Sponsored by Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group)

Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Patrick Vitale, University of Toronto; Matthew Farish, Department of Geography, University of Toronto

CHAIR(S): Merje Kuus, University Of British Columbia

10:10 John Morrissey*, City University of New York, *CENTCOM's Middle East: Military Geopolitical Scriptings of the War on Terror*.

10:30 Klaus J Dodds, Professor*, Royal Holloway, University of London; Alasdair Pinkerton, Dr*, Royal Holloway & Bedford New, *An 'Arsenal of Democracy'? Cold War radio and the Military- Industrial complex*.

10:50 John Cloud*, NOAA Central Library, *The Secret in the Closet, or, The Hidden Geography of Classified Intelligence*.

11:10 Trevor Paglen*, U.C. Berkeley, *Heavens Above or AFP-731*.

Discussant(s): Colin Flint, University of Illinois

3211. GIS: Methodological Innovation and Current Applications

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joshua Chris, University of North Alabama

10:10 Claire A Jantz, Ph.D.*, Shippensburg University; Eric Brown de Colstoun, Ph.D., Science Systems and Applications, Inc.; Scott J Goetz, Ph.D., The Woods Hole Research Center; Gary Lasako, Shippensburg University; Ashley Reis, Shippensburg University, *Urban land cover change modeling as a tool for planning: a case study in the Upper Delaware River watershed*.

10:15 Susan Wolfenbarger*, Ohio State University; Dan Ransberger, Ohio State University; Gabriela Maldonado, Ohio State University; Christopher McIntyre, Ohio State University, *Spatial Decision Support Systems for Planning*.

10:20 Jared Husch*, University of Richmond, *The Changing Face of Louisiana: GIS and oil royalty predictions in the Gulf of Mexico*.

10:25 Matthew Wilson*, University of North Alabama, *Climate Change and its Effect on Corn Production*.

10:30 Ashton Shortridge*, Michigan State University; Alan Arbogast, Michigan State University, *Spotting the Rockies from Kansas: Reconstructing Miocene Viewsheds with GIS*.

10:35 Yibo Zhang*, The Ohio State University; Meng Guo, The Ohio State University; Garrett Staats, Technical Services, Ohio Department of Transportation, Columbus, OH; Jacob Deppen, The Ohio State University; Joel Altfater, The Ohio State University; Chris Taylor, The Ohio State University; Taylor Shaffer, The Ohio State University; Brandon Brown, City of Dublin GIS; Rick Frantz, City of Dublin GIS; Ningchuan Xiao, The Ohio State University, *A natural language-based spatial search tool*.

10:40 Nuala M Cowan*, George Washington University, *GIS for Humanitarian Data Management*.

10:45 Joshua Chris, Student*, University of North Alabama; Craig T. Robertson, Ph. D., Department of Sociology ~ University of North Alabama; Lisa Keys-Mathews, Ph. D., Department of Geography ~ University of North Alabama, *Routine Activities Theory and Identity Theft: Applying Geographic Approaches to Criminological Question*.

10:50 David Murray, B.S. Botany, Oklahoma State University*, Virginia Tech; Lynn Resler, Ph.D., Texas State University, Virginia Tech, *Predictive Mapping of Four Invasive Plants using GIS*.

3212. Critical Perspectives on Historical Geographies of Popular Culture (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Richard J. Dennis, University College London

CHAIR(S): Richard J. Dennis, University College London

10:10 Phil Birge-Liberman*, Syracuse University, *Constructed Nature: Boston's Emerald Necklace as a Response to Urban Crisis*.

10:30 Robert Ross*, American University of Beirut, *The 1890 Players' National League of Professional Base Ball Clubs and the Illusion of Non-Capitalist Economic Forms*.

10:50 James Kneale*, Department of Geography, University College London, *Rethinking The Historical Geographies of Popular Culture: Alcohol In Britain, 1850-1950*.

11:10 Alan Latham, Dr*, University College London, *Jogging Politics: The Emergence of Jogging as a Mass Urban Activity*.

11:30 Richard J. Dennis*, University College London, *The Spaces of 'Life's Pleasures' and the Politics of Representation*.

3214. Geographic Contributions to Agro-biodiversity Conservation I (Sponsored by Rural Geography Specialty Group, Biogeography Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kimberlee Chambers, Willamette University

CHAIR(S): Kimberlee Chambers, Willamette University

10:10 Angel Pita-Duque*, Geography Graduate Group, University of California at Davis; Stephen B. Brush, Professor, Dept. of Human and Community Development, UC Davis, *Relationship between Non-agricultural Work and Maize Diversity in Puebla Valley, Mexico*.

10:30 Marta Astier*, CIGA-UNAM; Narciso Barrera-Bassols, CIGA-UNAM; Quetzalcoatl Orozco, IACATAS AC; Javier Mijangos, Centro de Investigación Científica de Yucatán A. C.; Omar Masera, CIEco-UNAM, *Cultural and biophysical factors controlling maize diversity at regional and local scales: the case of the Lake Patzcuaro Basin, Mexico*.

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10:50 Kristin L. Mercer, PhD*, Ohio State University, *Impacts of Climate Change on Conservation of Crop Genetic Diversity.*

11:10 Ariane Lotti, M.E.M.*, Master of Environmental Management from Yale School of Forestry & Env. Studies, *The Commoditization of Products and Taste: Slow Food and the Conservation of Agrobiodiversity.*

11:30 Stephen Brush*, University of California, Davis, *Our maize: The cultural foundations of crop diversity in Mexico.*

3215. Geographies of Sovereignty (Sponsored by Indigenous Peoples Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Fiona McConnell

CHAIR(S): Fiona McConnell

10:10 Bertie Mandelblatt*, Department of Geography, Royal Holloway, University of London, *"New England to Martinique: Mercier de la Rivière, free trade and food provision during the Seven Years War."*

10:30 Emily Gilbert*, University Of Toronto, *The Politics of Sovereignty and the Canadian Nation-State.*

10:50 Suzanne E. Mills*, Queen's University; Tyler McCreary, Northwest Community College, *Media representations of an Aboriginal claim to sovereignty in Canada..*

11:10 Fiona McConnell*, Queen Mary, University of London, *Constructing de facto sovereignty: Tibetan settlements in India.*

3216. Channel Morphology, Soil Erosion and Sediment Storage and Transport

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Carol P. Harden, University of Tennessee

10:10 Chris M Morris*, University of Tennessee Department of Geography, *The impact of historic logging on woody debris distribution and stream morphology in the Great Smoky Mountains National Park, North Carolina-Tennessee.*

10:30 Erica Lyn Bishop*, University of Wyoming; J. Michael Daniels, Ph.D., University of Denver; Sandra E. Ryan, Ph.D., United States Forest Service, Rocky Mountain Research Station, *Influence of Large Wood on Sediment Storage and Transport on Two Headwater Streams, Fraser Experimental Forest, CO.*

10:50 Lee M Gordon*, University at Buffalo; Sean J Bennett, Associate Professor, University at Buffalo; Carlos V Alonso, Supervisory Research Hydraulic Engineer, USDA-ARS National Sedimentation Laboratory; Ronald L Bingner, Research Agricultural Engineer, USDA-ARS National Sedimentation Laboratory, *Recent progress in ephemeral gully erosion modeling.*

11:10 Carol P. Harden*, University of Tennessee; Keri Johnson, Tennessee Valley Authority; Erich Henry, Blount County Soil Conservation District, *Streambank Erosion in Tributaries of the Little River, Tennessee.*

3217. Democratization and Ethnography: Political Change Through Thick And Thin II (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group)

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Clive Barnett; Craig Jeffrey, University of Washington

CHAIR(S): Clive Barnett

10:10 Craig Jeffrey*, University of Washington, *Dalit Revolution? Ethnography and Low Caste Democratization in India.*

10:30 Benjamin Gardner*, University of California, Berkeley, *The Transnational Tanzanian Village: Ethnography and Exception in Neo-liberal Globalization.*

10:50 Tania Li*, University of Toronto, *Ethnographies of Government and the Practice of Politics.*

11:10 Gillian Hart*, University of California, Berkeley, *Movement beyond Movements: Challenges to Critical Scholarship in South Africa.*

Discussant(s): Clive Barnett

3218. Remote Sensing and GIS for Urban Analysis: Special Paper Session in Memory of Dr. C. P. Lo (II) (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State University; Victor Mesev, Florida State University

CHAIR(S): Tingting Zhao, Florida State University

10:10 Namrata Shrestha*, University of Toronto; Tenley Conway, University of Toronto, *Mapping Exurban Development at Large Spatial Extent using Multiple Geomatic Approaches.*

10:30 Byong-Woon Jun*, Kyungpook National University, *Urban Quality of Life Assessment Using A Pixel-based Integration of Satellite Image and Socioeconomic Data.*

10:50 Sun Hui Sim*, Florida State University, *Spatio-temporal dynamics in Seoul Metropolitan Area: Linking urban growth theory into environmental impacts.*

11:10 Zheng Cheng*, Texas A&M University; Hongxing Liu, Texas A&M University, *Spatio-temporal Pattern of Urban Growth in the Houston Metropolitan Area.*

11:30 Tingting Zhao*, Florida State University; Daniel G Brown, University of Michigan; Tao Zhang, Florida State University, *Impacts of Sprawling on Primary Production in the Conterminous United States.*

3219. Negotiating Development in the Brazilian Amazon: Responding to Global Markets, Appeasing Local Demands (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group)

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Marcellus Caldas, Michigan State University; Steve Aldrich, Michigan State University

CHAIR(S): Cynthia Simmons, Michigan State University

10:10 Cynthia Simmons*, Michigan State University, *Agrarian Reform in the wake of Latin America's Political Shift to the Left: A Case Study of Social and Environmental Impacts in the Brazilian Amazon..*

10:30 Marcellus Caldas*, Michigan State University; Stephen Aldrich, Michigan State University; Ritaumaria Pereira, Michigan State University, *Land Reform in the Brazilian Amazon: Does Economic Development Lead to Social Justice and Environmental Degradation?.*

10:50 Steve Aldrich*, Michigan State University; Marcellus Caldas, Kansas State University; Cynthia Simmons, PhD, Michigan State University, *Problems in the Land of Boi Gordo: Is Land Reform Driving Largeholder Deforestation in the Eastern Brazilian Amazon?.*

11:10 Eugenio Y. Arima*, Hobart and William Smith Colleges; Robert T Walker, Michigan State University; John Browder, Virginia Polytechnic Institute and State University; Ritaumaria Pereira, Michigan State University; Marcellus Caldas, Kansas State University; Ricardo Shiota, ESALQ - USP; Sergio de Zen, ESALQ - USP, *Globalization and the new cattle*

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economy in the Brazilian Amazon: a new hamburger connection?

- 11:30** J. Christopher Brown*, University of Kansas, *Energy, Development, and the Morals of Ethanol Production in Brazil.*

3220. Urban Geography: Property and Sprawl

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Lowry, RSGIS Lab, Utah State University

- 10:10** Andrejs Skaburskis, Queen's University at Kingston; Markus Moos*, University of British Columbia, *An Empirical Examination of Neoclassical and Marxist Views on Urban Investment Patterns: The Spatial Redistribution of Residential Property Values in Montreal, Toronto and Vancouver.*

- 10:30** Matthew Anderson*, Northeastern Illinois University, *Place, Subdivisions, and the American Dream.*

- 10:50** Yi Qi*, Richard Greene, Associate Professor, Advisor; Wei Luo, Associate Professor, Advisor, *The Impact of Toxically Releasing Inventory Sites on Neighboring Housing Price in state of Illinois.*

- 11:10** Hilary Botein, PhD*, Baruch College, CUNY; C. Patrick Heidkamp, PhD, Southern Connecticut State University, *Tax Lien Sales and Neighborhood Vitality.*

- 11:30** John H. Lowry*, Dept. of Environment & Society, RS/GIS Lab., Utah State University; R. Douglas Ramsey, PhD, Wildland Resources Dept., Utah State University, *Mapping Suburban Sprawl: A Factorial Ecology Approach for the Salt Lake City Urban Area.*

3221. Placing golf: landscapes, politics and cultures panel

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Chris Perkins

CHAIR(S): Chris Perkins

Panelists: Chris Perkins; Harvey Neo, National University of Singapore; Theano S. Terkenli, University of the Aegean; Francisco José Del Campo Gomis; CL Cole, University of Illinois; Bradley Klein

3222. Applications of GIS in Remote Sensing, Visualization, Modeling, and Cartographic Mapping

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)

ORGANIZER(S): Program Committee

Dan Ransberger*, The Ohio State University, *Detecting transport network obstructions using LiDAR for more effective disaster response.*

Yi-Hwa Wu*, Northwest Missouri State University; Ming-Chih Hung, Northwest Missouri State University, *A simple aerial photo database query interface to facilitate ground truth assessment.*

Thushara D Ranatunga, BSc*, Department of Geography, University of Cincinnati, *Beyond The Forest: Quantitative Analysis of Canopy Diameter and DBH Relation using GIS and Remote Sensing Techniques in the Midwest.*

Christopher J. Sutton*, Western Illinois University, *Using Google SketchUp and GIS for Local 3D Facilities Mapping: Examples from Western Illinois.*

David R. Soller*, United States Geological Survey; Nancy R. Stamm, United States Geological Survey, *A standards-based map portal for the National Geologic Map Database.*

Christopher P Garrity*, United States Geological Survey; David Soller, United States Geological Survey, *GIS Database for the DNAG Geologic Map of North America.*

Vivian Hutchison*, United States Geological Survey, *Making Data More Valuable.*

Lin Wu, Dr.*, California State Polytechnic University, Pomona; George Proctor, AIA, California State Polytechnic University, Pomona, *A Campus GIS/BIM Integration Model.*

Adam Naisbitt*, University of Utah, *Multi-Scale Visualization for Temporal data using a Raster Based Approach.*

Daren C Tatham*, California State Polytechnic University Pomona; Anthony Fiorentino, California State Polytechnic University Pomona, *Hetch Hetchy Valley: A Visual Interpretation.*

Jay A Parsons*, Texas State University, *Least-cost path over a terrain using a variety of grid shapes and sizes.*

Neng Wan*, Texas State University-San Marcos; F. Benjamin Zhan, Texas State University-San Marcos, *Complexity of spatial networks.*

Monica Balestrin Nunes*, Student, *The application of geoprocessing techniques in territorial urban analysis, using cartographic bases dated 1930, 1954 and 1974: Tietê River's Plains, São Paulo, Brazil.*

Sharolyn Anderson*, University of Denver; Claudio A Delrieux, Universidad Nacional del Sur; Mario A. Lopez, University of Denver; Mohammed Albaw, University of Denver, *A Fractal based technique for surface area extrapolation in DEMs.*

Frederik Kulpi*, *2002 Map of Interpolated Water Use in Mesa.*

Andrew R Maroko*, Department of Environmental, Geographic & Geological Sciences, Lehman College, and Ph. D. Program in Earth and Environmental Sciences, The Graduate Center, CUNY; Jun Tu, Department of Environmental, Geographic & Geological Sciences, Lehman College, and Ph. D. Program in Earth and Environmental Sciences, The Graduate Center, CUNY; Juliana Maantay, PhD, MUP, Department of Environmental, Geographic & Geological Sciences, Lehman College, and Ph. D. Program in Earth and Environmental Sciences, The Graduate Center, CUNY, *Loose-coupling an Air Dispersion Model and a Geographic Information System (GIS) for Studying Air Pollution and Asthma in the Bronx, New York City.*

Gretchen Maria Culp, MS, PhD student*, The Graduate Center, *A Color Blind Friendly Palette for GIS.*

Tomas Vaclavik*, University of North Carolina at Charlotte; Marlon Ortega, Clark University in Worcester, MA, *Modeling potential distribution of Norway Maple (Acer platanoides) in Massachusetts, USA: A comparative assessment of Mahalanobis typicality and ecological niche factor analysis..*

Anika Juhn*, US Census Bureau, *Mapping Change in the Boston Metropolitan Area: 1960 to 2000.*

Jon J. Kedrowski, MA*, Ph.D. Student, Texas State University -- N.O.D. Mountaineering Institute, Vail, CO, *Evaluation and Interactive Mapping of an Isolated Section of the Continental Divide Trail in Colorado's South San Juan Mountains.*

Suzanne P. Wechsler, Ph.D.*, California State University Long Beach, *Collaborative Mapping: A Social Atlas of Long Beach, CA.*

Karen M. Trifonoff*, Bloomsburg Univ, *Using Cartographic Cross-Classification to Portray Pennsylvania Population.*

C. Dewayne Sims*, Gateway Area Development District, *Mapping Children-based U. N. Millennium Development Goals for Small Island Developing Countries.*

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Eric Maczka*, Sanchita Basu Mallik; Michelle Doran McBean, *Community-Based Mapping in Newark/Elizabeth (NJ) Aerotropolis.*

Alison E. Feeney, Dr.*, Shippensburg University, *Online Mapping of Campgrounds for the Pennsylvania State Parks: Student Service Learning Project.*

Linda R. Barrett*, University of Akron, *Dot Maps of Soil Properties Using U.S. General Soil Map (STATSGO) Data.*

William Flynn, Oklahoma State University; Christopher Parkes Storm, Oklahoma State University; Heather Anderson*, Oklahoma State University, *Half Court, Mid Field, and Center Ice: An Investigation of the Mean Center of Population Statistic for Player Production in Major American Sports.*

Daniel Conn*, University of Louisville, *The Spatial Distribution of Obsolete Computers in Jefferson County, KY.*

Ray A. Yeager*, University of Louisville, *Vacant Residential Land Valuation Using Interpolation.*

Eric Helwig*, UW-Whitewater, *Effects of Slope and Aspect on Brushfire Severity.*

3223. Planning and the Just City (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Robert W. Lake, Rutgers University

CHAIR(S): Robert W. Lake, Rutgers University

Panelists: Susan Fainstein, Harvard University; Eugene McCann, Simon Fraser University; Ruth Gilmore, University of Southern California; James C. Fraser, Vanderbilt University; Robert W. Lake, Rutgers University

3224. Understanding Transnationalism and the Chinese Diasporas (Sponsored by China Specialty Group, Asian Geography Specialty Group)

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): George Lin, University of Hong Kong; Alana Boland, University of Toronto

CHAIR(S): Audrey L. Kobayashi, Queen's University

Panelists: David F. Ley, University of British Columbia; Carolyn L. Cartier, University of Southern California; Lan-Hung Nora Chiang, National Taiwan University; Cindy Fan, UCLA; Yu Zhou, Vassar College

3225. Human Impacts on Watershed Processes 2 - Watershed Restoration and Management (Sponsored by Water Resources Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; William H. Renwick, Miami University

CHAIR(S): Yong Q. Tian, University of Massachusetts - Boston

10:10 Jordan A. Clayton*, Department of Geosciences, Georgia State University, *A simple, process-oriented tool for gravel-bed river restoration.*

10:30 Shane JC Csiki*, University of Illinois at Urbana-Champaign; Bruce L Rhoads, University of Illinois at Urbana-Champaign, *The effects of run-of-river dams on bed sedimentation in Illinois.*

10:50 William H. Renwick*, Miami University; Abbitt Robbyn, Miami University; Elizabeth K. Fitch, Kansas Department of Agriculture; Logan Sleezer, Olpe High School, Olpe, KS; Richard O. Sleezer, Emporia State University, *Cumulative hydrologic impact of artificial impoundments on the landscape.*

11:10 Amy M Gillespie*, Miami University; William H Renwick, PhD, Miami University; John K Maingi, PhD, Miami University, *Sediment sources associated with increased sedimentation in the Delaware and O'Shaughnessy Reservoirs, Ohio.*

11:30 Anne Chin*, Texas A&M University; Alison H. Purcell, University of California, Berkeley; Jennifer W. Quan, University of California, Berkeley; Vincent H. Resh, University of California, Berkeley, *Geomorphological and Ecological Responses in Artificial Step-pool Systems.*

3226. The Experiences of Immigrants and Refugees in North American Cities I: racialization, discrimination, and identity (Sponsored by Population Specialty Group, Canadian Studies Specialty Group, Ethnic Geography Specialty Group)

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Wei Li, Arizona State University; Carlos

Teixeira, University of British Columbia Okanagan

CHAIR(S): Valerie A. Preston, York University

10:10 Frans Schrijver*, University of Sheffield, *Immigration and Scales of Citizenship.*

10:30 Heike Alberts*, University of Wisconsin-Oshkosh, *Ethnic Solidarity in Latino Communities in Miami.*

10:50 Jacqueline A. Housel*, *Beyond the Traffic Stop: The impact of policing on the everyday spaces of Latino/a immigrants.*

11:10 Heather Frost, PhD Candidate*, University of British Columbia, *"Getting By High: " The Untold Stories of Punjabi Youth In Surrey, B.C..*

11:30 Valerie A. Preston*, York University; Brian Ray, University of Ottawa, *Geographies of Discrimination: Inter-urban Variations in Canada.*

3227. Algorithms and models for fundamental challenges in GIScience (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Sarah Elwood, University of Washington

CHAIR(S): Mukul Sonwalkar

10:10 Rahul Rakshit*, Clark University, *Method to compare maps that show a direction variable: Contrast between algorithms to compute aspect.*

10:30 Mukul Sonwalkar*, George Mason University; David Wong, George Mason University; Anthony Stefanidis, George Mason University; Fernando Camelli, George Mason University, *Using Bayesian Method On An Extended TIN Structure To Improve Geosensor Coverage.*

10:50 Bandana Kar*, Department of Geography, University of South Carolina; Michael E. Hodgson, Department of Geography, University of South Carolina, *Housing Unit Distribution in Coastal Counties: Comparison of Areal Interpolation Techniques.*

11:10 Zachary Christman*, Clark University, *(Solving the) Raster Disaster: New best practices for data integration across spatial resolutions and geographic frameworks.*

3229. Transnational South Africa (Sponsored by Africa Specialty Group)

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Max Andrucki, University of Leeds

CHAIR(S): Max J. Andrucki*, University of Leeds

10:30 Richard A. Schroeder*, Rutgers University, *White spots: South African capital and racialized enclaves in Tanzania.*

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- 10:50** Jennifer Greenburg, PhD student*, University of California Berkeley, *Spatialities of Belonging: The politics of citizenship in urban South Africa.*
- 11:10** Max J. Andrucki*, University of Leeds, *Bodies in between: materializing transnational whiteness in post-apartheid South Africa.*
- Discussant(s): Glen Elder, University of Vermont

3230. Geospatial Technologies and Applications

Room: Orleans Room, Marriott, 4th Floor (Interactive Short Paper Session)

- ORGANIZER(S): Program Committee
CHAIR(S): David Thomas Potere, Princeton University
- 10:10** Rheyana Laney*, Sonoma State University, *Reviving the Forgotten Agrarian Question in Madagascar.*
- 10:15** Jill S. M. Coleman, Ph.D.*, Ball State University, *Climate Influences on Rice Yield in the Lower Mississippi Basin.*
- 10:20** Amit Kulkarni*, Louisiana State University; Nina Lam, Louisiana State University, *Impervious Surface Detection Using Object Based Image Analysis.*
- 10:25** Elizabeth Ridder*, Arizona State University, *Does Urbanization Mean the Loss of Native Plant Abundance? A Case Study of Phoenix, Arizona.*
- 10:30** Peter D Richards*, Michigan State University, *Farming Systems and Deforestation; A case study of land cover change in Eastern Paraguay.*
- 10:35** David Potere*, Princeton University, Office of Population Research, *Future trends in urban encroachment on agricultural lands at the global scale.*
- 10:40** Kimberly A. Huson*, University of Richmond, *Non-timber Forest Products and Economic Independence in the Peruvian Amazon.*
- 10:45** Kathryn E.L. Smith*, U.S. Geological Survey; John A. Barras, U.S. Geological Survey; John C. Brock, U.S. Geological Survey, *Identifying coastal wetland change due to hurricanes: A focus on the northern Gulf of Mexico.*
- 10:50** Cecilia F Viana*, Yale, *The IIRSA in the Amazon: a new paradigm of development?.*
- 10:55** John J Sulik, MS*, Florida State University; Scott Edwards, PhD, Amnesty International USA, *Practical Geospatial Applications for Human Rights Abuses in Darfur, Sudan.*
- 11:00** Sarah Antos*, GWU, *Sizing up Population Distribution in Mozambique.*
- 11:05** Natalie Ceperley*, Yale University School of Forestry and Environmental Studies, *The Role of Íbù ódó Sacred Pools in Preserving Riparian Forest Structure and Diversity along the Ouémé and Okpara Rivers of Central Benin.*
- 11:10** Gillian L Galford*, Brown-MBL Joint Program; John Mustard, Brown University; Jerry Melillo, MBL; David Kicklighter, MBL; Carlos Eduardo P. Cerri, ESALQ/University of Sao Paulo; Carlos C. Cerri, CENA/University of Sao Paulo, *Rapid Land-Use Changes for Large-Scale Industrialized Agriculture in the Brazilian Amazon.*

3231. New Directions in Health/Medical Geography II (Sponsored by Medical Geography Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Vandana Wadhwa, Boston University
CHAIR(S): Vandana Wadhwa, Boston University
Panelists: Isabel Dyck, Queen Mary, University of London; Mark W. Rosenberg, Queen's University; Sara McLafferty, University of Illinois; Michael L. Dorn, Temple Univ.

3232. Impacts of Two Moisture Extremes: Droughts & Floods

- Room: Falmouth Room, Marriott, 4th Floor (Paper Session)
- ORGANIZER(S): Program Committee
CHAIR(S): Sarah Curtis, Durham University
- 10:10** Kirsten Lackstrom*, University of South Carolina, *Developing Collaborative Drought Management Institutions in the Carolinas: "Sharing the Pain" of the 2007 Drought.*
- 10:30** Sara Yorty*, University of South Carolina, *Drought Impacts on Recreational Businesses in the Catawba-Wateree Basin.*
- 10:50** Abbie Tingstad*, University of California - Los Angeles; Glen M MacDonald, University of California, Los Angeles; Katrina A Moser, The University of Western Ontario; Darlene Koerner, Ashley National Forest; Kathy Paulin, Ashley National Forest, *From research to resource management: Applying multi-proxy paleo-drought data for the Uinta Mountains, Utah to environmental policy.*
- 11:10** Ingrid E. Luffman, M.Sc.*, East Tennessee State University, *Wake-up call in east Tennessee? Effect of flood losses on flood insurance participation.*
- 11:30** Sarah Curtis, Professor of Health and Risk*, Durham University, *The mental health impacts of major floods; a perspective from medical geography.*

3233. Land Use Systems

- Room: Vineyard Room, Marriott, 4th Floor (Paper Session)
- ORGANIZER(S): Program Committee
CHAIR(S): Mario Cardozo, University of Texas
- 10:10** Laura Brewington*, University of North Carolina - Chapel Hill; Stephen J. Walsh, University of North Carolina - Chapel Hill, *Scale-dependent resilience and vulnerability of coupled human-natural systems in the Galapagos.*
- 10:30** Louis Awanyo*, University of Regina, *Land tenure security and tree biodiversity rehabilitation in Ghana: an Actor-Network-Theory insight.*
- 10:50** Rebecca Dickson*, Clark University, *Secondary Diversity: Tree species recovery following swidden cultivation in the Southern Yucatán.*
- 11:10** Ademola K. Braimoh*, Global Land Project, Japan, *Structural Adjustment And Agricultural Land-Use Change In Ghana.*
- 11:30** Mario Cardozo*, University of Texas, *Resource use conflicts among rural communities near the Allpahuayo-Mishana National Reserve in the Peruvian Amazon.*

3234. International issues in Medical Geography

- Room: Maine Room, Marriott, 5th Floor (Paper Session)
- ORGANIZER(S): Program Committee
CHAIR(S): Doug Goodin, Kansas State University
- 10:10** Robin T Flowerdew, Professor, School of Geography and Geosciences, University of St. Andrews; Paul J Boyle, Professor, School of Geography and Geosciences, University of St. Andrews; John F Dillon, Dr, Ninewells Hospital and Medical School, *Geographies of Hepatitis C: Understanding the geographical variation of HCV incidence in Scotland between 1991 and 2006..*
- 10:30** Frances Currin Mujica, Ph.D.*, Louisiana State University, *Identifying the Chagas Landscape: A Mixed Methods Approach to a Medical Geography of Chagas Disease in Los Tuxtlas, Mexico.*

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10:50 Shannon Randolph, PhD Candidate*, Stanford University, *Disease Ecology and Rift Valley Fever: A Multidisciplinary Approach*.

11:10 Mari K Vaattovaara, Prof.*, University of Helsinki, *A socio-spatial approach to the marginality: HIV outbreak among injecting drug users in the Helsinki region*.

11:30 Doug Goodin*, Kansas State University; Kabita Ghimire, Kabsas State University; David Koch, Kansas State University, *Landscape Constraints on Hantavirus Distribution in Paraguay: A Hierarchical Framework for Landscape Epidemiology*.

3235. Mixed Methodologies

Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Program Committee
CHAIR(S): Briavel H. Holcomb, Rutgers University

10:10 France Guérin-Pace*, Ined, *Geographical Path, Significant Places, and Personal Identity*.

10:30 Matthew D. Mason*, Yale University / University of Memphis, *A Temporal and Spatial Examination of the Western Americana Card Photograph File Collection at the Beinecke Rare Book and Manuscript Library*.

10:50 David Butz*, Brock University, *In Others' Words: A Critical Assessment of the Mountain Voices Oral Testimony Programme*.

11:10 Paul A. Rollinson*, Missouri State University, *Doing Fieldwork: Using Mixed-Methodologies in Geography*.

11:30 Briavel H. Holcomb, Dr.*, Rutgers University, *Second Life Landscapes*.

3236. Weston Dow & Nancy Freeman Dow [1930-2005]

Geographers on Film Review and Prospects (Sponsored by Association of American Geographers, AAG Archive and Association History Committee, History of Geography Specialty Group)

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Frederick E. Nelson, University of Delaware
CHAIR(S): Frederick E. Nelson, University of Delaware
Introducer: Douglas Richardson

10:20 Maynard Weston Dow*, Plymouth State University, *Four Decades of Geographers on Film*.

10:40 Geoffrey J. Martin*, Southern Connecticut State University, *Archival Holdings and the History of American Geography*.

Discussant(s): Rachel S Franklin, Association of American Geographers; Geoffrey J. Martin, Emeritus, Southern Connecticut State University

(see session description on page 21)

3237. Protected Areas, Human-Wildlife Conflict, and Conservation II: Cross-Continental Perspectives and Lessons (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Monica V Ogra, Gettysburg College; Joel Hartter, University of New Hampshire

CHAIR(S): Monica V Ogra, Gettysburg College

10:10 Monica V Ogra, PhD*, Dept of Env Studies, Gettysburg College; Ruchi Badola, PhD, Wildlife Institute of India, *Compensating Human-Wildlife Conflict in Protected Area Communities: Ground-Level Perspectives from a Village in Uttaranchal, India*.

10:30 Ismael Vaccaro*, McGill University; Oriol Beltran, Universitat de Barcelona, *Livestock versus 'wild beasts': the contradictions of the natural patrimonialization of the Pyrenees*.

10:50 Parakh Hoon*, Virginia Tech; Rachel DeMotts*, University of Massachusetts-Lowell, *Whose Elephants? Conserving, Compensating, and Competing in Northern Botswana*.

11:10 Sujoy Chaudhuri*, CI-CABS and Ecollage, *Spatial-Temporal Dynamics of Human-Elephant Conflict in Kodagu District, Southern India*.

Discussant(s): Brian Child, University of Florida

3238. Religion, age and everyday life II (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Room: St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Elizabeth A. Olson, University of Edinburgh
CHAIR(S): Elizabeth A. Olson, University of Edinburgh

Introducer: Elizabeth A. Olson

10:15 Alexandra Sellassie Antohin*, University of Alaska Fairbanks, *Forward to the Past: The Future of Orthodox Identity in Russia*.

10:35 David J. Butler*, University College Cork (UCC), Ireland, *Childhood and Religion: Experiences of Protestant households in West Cork, Ireland since 1920*.

10:55 John S. Benson, Ph.D.*, Minnesota State University Moorhead, *The Mission Field: The Impact of an Ideological Landscape on the Religious Development of Missionaries and their Children..*

Discussant(s): Lily Kong, National University Of Singapore

3239. The (il)liberal subject (Sponsored by Sexuality and Space Specialty Group, Political Geography Specialty Group)

Room: St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Matthew Sothorn, University of St. Andrews
CHAIR(S): Matthew Sothorn, University of St. Andrews

10:10 Claire Elaine Rasmussen*, University Of Delaware, *Mill in the Bedroom: the Privatization of Politics and the Liberal Subject*.

10:30 Matthew Sothorn*, University of St. Andrews, *"Bug Chasing" and the spaces of queer temporality*.

10:50 Robert M. Vanderbeck*, University of Leeds, *The Child Subject of 'Children's Geographies': Reflections on an Emerging Debate*.

11:10 Vincent J. Del Casino*, California State University, Long Beach; Catherine F Brooks, California State University, Long Beach, *The 'YouTube Nation'! and the Body Politics of Sexuopharmaceuticals*.

Discussant(s): Michael P. Brown, University of Washington

3240. Tourism Geography Education (Sponsored by Recreation, Tourism, and Sport Specialty Group, Geography Education Specialty Group)

Room: St. George C, Westin, 3rd Floor (Panel Session)

ORGANIZER(S): Deborah L. Che, Kansas State University
CHAIR(S): Deborah L. Che, Kansas State University

Introducer: Deborah L. Che

Panelists: Sanjay K Nepal, Texas A&M University; David Truly, Central Connecticut State University; Jim A. Davis, Eastern Illinois University; Zoe A. Meletis, Duke University; Lorri K. Krebs, Salem State College; Deborah L. Che, Kansas State University

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ORGANIZER(S): Jason Dittmer, University College London; Chris Lukinbeal, Arizona State University

CHAIR(S): Joseph Palis, University of North Carolina at Chapel Hill

10:10 Nicolas Poppe*, The University of Texas at Austin, *Placing Cinema, Soccer, and Tango in the Early Argentine Sound Film Los tres berretines.***10:30** Joseph Palis*, University of North Carolina at Chapel Hill, *Diasporic Filmmaking and the Politics of Dislocation.***10:50** Sharon E. Wilcox*, University of Texas Austin; Leo Zonn*, University of Texas at Austin, *Of Bears and Men: Werner Herzog's "Grizzly Man".***11:10** Kevin E. McHugh*, Arizona State University, *Memory and the Road to Oblivion.***11:30** Ken Hillis*, University Of North Carolina - Chapel Hill, *To Be Home Alone In Cinematic Space.***3242. Climate Change and Indigenous Peoples III: Scientific, Historical and Indigenous Perspectives (Sponsored by Indigenous Peoples Specialty Group, Human Dimensions of Global Change Specialty Group)***Room: Essex North-West, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): RDK Herman, National Museum of the American Indian; Sarah F. Trainor, University of Alaska - Fairbanks

CHAIR(S): Zoltan Grossman, Evergreen State College

10:10 Nancy G. Maynard*, NASA Goddard Space Flight Center; Inger Marie Gaup Eira, Sami University College; Svein D. Mathiesen, Sami University College; Jennifer L. Gebelein, Florida International University, *Indigenous and Satellite Observations of Climate Change Impacts on Arctic Pastures.***10:30** William Carter, PhD*, South Texas College, *Climate Change and Early Native North America, c. 8000 BCE - 1700 CE.***10:50** Steve Crawford, M.Sc*, Passamaquoddy Tribe, *Overview of climate Change Impacts on Eastern Tribes of the US.***11:10** Rachael M. Novak, M.S.*, University of Arizona, *Climate Change and Variability in the Chuska Mountains: Impacts and the Intersections of Western Science and Local Knowledge.***11:30** Bonnie J. Gallahan, BS Natural Resource Management*, USGS/FGDC, *GIS/GPS Training for Tribes.***3243. Non-Representational Geographies II: World-Making***Room: Essex North-East, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): John-David C. Dewsbury, University Of Bristol; Paul Harrison

CHAIR(S): Derek McCormack, University of Oxford

10:10 Nick Bingham*, Open University, *As many worlds as it takes to make a world. On living with multiplicity..***10:30** Christian Abrahamsson*, Uppsala University; Sebastian Carl Abrahamsson*, School of Geography Oxford University, *Images - Screens, Brains and Bodies.***10:50** Beth Greenhough*, Queen Mary, University of London; Emma Jane Roe, Southampton University, *Doing ethics through a somatic sensibility.***11:10** Kirsi Pauliina Kallio*, University Of Tampere, *Children's performative politics: depicting the non-representational.***3244. The National Land Cover Database, Characteristics and Applications***Room: Essex North-Center, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Collin Homer, United States Geological Survey; Jon Campbell, United States Geological Survey

CHAIR(S): Barbara Ryan, United States Geological Survey
10:10 Collin Homer*, United States Geological Survey, *The Future of the National Land Cover Database.***10:30** James Wickham*, US EPA, *Use of NLCD Products at EPA to Map Ecological Goods and Services.***10:50** Douglas J. Wheeler*, United States Geological Survey, *Issues in Assessing the Accuracy of the 2001 National Land Cover Database.***11:10** David Selkowitz*, United States Geological Survey, *A First Generation 30 m Land Cover Data Product for Alaska: An Introduction to NLCD 2001 for Alaska.***11:30** Joyce Fry*, Science Applications International Corporation (SAIC); Michael Coan, Science Applications International Corporation (SAIC); Collin Homer, United States Geological Survey (USGS); Debbie Meyer, Science Applications International Corporation (SAIC); James Wickham, US Environmental Protection Agency (EPA), *Completion of the National Land Cover Database 1992/2001 Retrofit Land Cover Change Product.***3246. Commuting, Land Use, and Spatial Structure II (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)***Room: Parliament Room #1, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Mark W. Horner, Florida State University; Edmund J. Zolnik, George Mason University

CHAIR(S): Edmund J. Zolnik, George Mason University
10:10 Xuwei Chen*, Northern Illinois University, *Journey-to-Work Trends in Central Texas.***10:30** Mark W. Horner*, Florida State University, *Modeling Infrastructure-based Improvements to Regional Jobs-Housing Balance.***10:50** Wook Lee*, Texas State University-San Marcos, *Modeling the impacts of jobs-housing balance on commuting.***11:10** Jiawen Yang*, Georgia Institute of Technology; Jiawen Yang, Georgia Institute of Technology, *Planning for Job-Housing Balance in Urban China.***11:30** Ka Ying Chow*, GRM, The Chinese University of Hong Kong, *Mobility in post-industrial Hong Kong: spatial and temporal variations.***3247. Cyberinfrastructure-Data and Knowledge Representation (Sponsored by Cyberinfrastructure Specialty Group, Geographic Information Science and Systems Specialty Group)***Room: Empire Room #6, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Chaowei Yang, George Mason University; Robert Raskin, Jet Propulsion Lab

CHAIR(S): Robert Raskin, Jet Propulsion Lab

10:10 Harold Moellering*, Ohio State University, *Finalizing the North American Profile for the ISO 19115 Spatial Metadata Standard.***10:30** Kean Huat Soon*, Department of Geography, Penn State University, *A Conceptual Framework for Maintaining a Geographic Ontology.***10:50** Robert Raskin*, Jet Propulsion Lab, *Geographic Knowledge Systems (GKS).***11:10** Wenwen Li*, George Mason University; Chaowei Yang, George Mason University, *Semantically Enable Search Capability in Spatial Web Portals.*

Discussant(s): Mark Gahegan, Pennsylvania State University

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3248. Coastal Environments II (Sponsored by Coastal and Marine Specialty Group, IGU Commission on Coastal Systems)*Room:* North Star Room #10, Westin, 7th Floor (Paper Session)ORGANIZER(S): Steve Namikas, Louisiana State University;
Jean Taylor Ellis, NASA

CHAIR(S): Paul A. Gares

10:10 Antony R. Orme*, University of California, *Bar Migration and Barrier Formation across Seasonal Estuaries.***10:30** Michael M. Benedetti*, UNC Wilmington; J. Michael Daniels, University of Denver; Jonathan A. Haws, University of Louisville; Caroline A. Funk, Stockton College; Patrick A. Hesp, Louisiana State University, *Geomorphic Adjustments to Quaternary Climate and Sea Level Change, Estremadura Dune Field, Portugal.***10:50** Harry M. Jol*, University Of Wisconsin, Eau Claire; Ilya V Buynevich, Woods Hole Oceanographic Institution; Duncan M Fitzgerald, Boston University; Derald G Smith, University of Calgary, *Ground Penetrating Radar Imaging of Coastal Environments along the Atlantic Coast, USA: The Good, the Bad and the Ugly.***11:10** Christopher J. Hein*, Boston University; Duncan M. FitzGerald, Ph.D., Boston University; Byron D. Stone, Ph.D., United States Geological Survey; Mary S. Ellison, Boston University; Emily A. Carruthers, Boston University, *Formation and Evolution of a Paraglacial Barrier System: Plum Island, MA.***11:30** Peter Rosen*, Department of Earth and Environmental Sciences, Northeastern University; Duncan Fitzgerald, Ph. D., Department of Earth Sciences, Boston University; Hughes Zoe, Ph. D., Department of Earth Sciences, Boston University; Nick Howes, Department of Earth Sciences, Boston University, *Evolution of a submerged drumlin shoreline: Boston Harbor, Massachusetts.***3249. Critical Geographies of Education II: The Politics of Race, Identity and 'Integration' (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)***Room:* Defender Room #5, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Suzanna Klaf, Ohio State University; Ranu Basu, York University

CHAIR(S): Suzanna Klaf, Ohio State University

10:10 Ranu Basu*, York University, *Cultivating multiple spaces of 'integration' through linguistic diversity: Toronto public elementary schools as re-definitional sites..***10:30** Michelle Palma, PhD Student*, University of Georgia, *Schooling Diversity: How Race is Lived in a Diverse High School.***10:50** Tyler McCreary*, *Minimizing Racism: Discursive Repertoires Teachers Used to Maintain the Colourblindness of Education.***3250. Governing the environment VI: State, markets, and community agency (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)***Room:* Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan

CHAIR(S): Bhaskar Vira, University of Cambridge

10:10 Ashwini Chhatre*, University of Illinois at Urbana-Champaign; Arun Agrawal*, University of Michigan, *Democracy and Forest Cover Change: Exploring environmental citizenship in the Western Himalayas.***10:25** Pamela D. McElwee*, Arizona State University, *Is Authoritarianism Good for Biodiversity? Participation, Politics and the Myth of State Conservation Hegemony.***10:40** Melissa R Poe*, University of Washington, *Rhizomatic Natures: Gender, Mushrooms, and the Public Sphere.***10:55** Jeremy Brooks*, University of California, Davis, *Decentralization, Resource Management, and the Coming Democracy in Bhutan.*

Discussant(s): David Wilkie, WCS

3252. Ivory Tower Meets Planning Practice: Examining the Role of Universities, Colleges, and NGOs in City and Regional Planning (Sponsored by Regional Development and Planning Specialty Group)*Room:* Baltic Room #3, Westin, 7th Floor (Paper Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg University; Samuel Thompson, Western Illinois University

CHAIR(S): Sudhir K. Thakur, California State University Sacramento

10:10 John E. Benhart, Professor Emeritus*, Shippensburg University, *Ave Maria: A Planned Community in Collier County, Florida.***10:27** Joshua Welty Sprenkle, Graduate Student*, Shippensburg University, *The Scope of Land Trusts With Respect to Environmental Land Use Planning.***10:44** Samuel Thompson*, Western Illinois University, *A University Initiated Partnership: The WIU GIS Center.***11:01** Christopher Cusack*, Keene State College, *Heading for Home: The Role of Collaborative Planning in Response to New Hampshire's Housing Crisis.***11:18** Jonah White*, Western Washington University, *Gentrification: How does it affect space?.***11:34** Jennifer Pomeroy*, University of Maryland at College Park, *Examining Suburban Landscape in Frederick, MD 1973-2002 Using Political Ecology Approach.***3255. The Geography of Entrepreneurship - II (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)***Room:* Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Erik Stam, Utrecht University

CHAIR(S): Erik Stam, Utrecht University

10:10 Susan Hanson*, Clark University, *Entrepreneurship and Everyday Life.***10:30** Megan K Blake*, University of Sheffield, *Finding alterity in innovation or finding innovation in alterity?.***10:50** Michael J. Taylor*, University Of Birmingham, *Firms as Coalitions: Processes of 'Enterprising'.***11:10** Mediha Sahin, VU University Amsterdam; Roger R. Stough*, George Mason University; Peter Nijkamp, VU University Amsterdam, *Urban Regional Migrant Entrepreneurs: A Comparative Study on their Socio-economic and spatial Patterns of Performance.*

Discussant(s): Bengt Johannisson

3256. The Geospatial Agenda, Planning, Use and Implementation in GIS Research*Room:* Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): E. Lynn Usery, U.S. Geological Survey

10:10 Ahmad BinTouq*, UAE University, *GIS Diffusion in the Government of Dubai in the United Arab Emirates.***10:30** Joshua Comenetz*, U.S. Census Bureau, *Planning for an International Pop@Risk Geo-Demographic Database.***10:50** Yanfen Le*, Northwest Missouri State University; Wenlong Zheng, Northwest Missouri State University, *A Hybrid Featured-Based Temporal Framework*

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for Phenomena with Both Object- and Field-Characteristics.

- 11:10** Johnathan Rush*, The Ohio State University; Mei-Po Kwan, The Ohio State University, *Creating a 3D Visualization and Analysis System for Human Activity Pattern Data.*
- 11:30** E. Lynn Usery*, U.S. Geological Survey, *U.S. Geological Survey Implementation of a Geographic Information Science Research Agenda.*

3257. Hazards from A to Z (Sponsored by Hazards Specialty Group)

- Room:* Beacon D, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Deborah Thomas, University of Colorado, Denver
- CHAIR(S): Michelle Shuey, Texas State University
- 10:10** William Monfredo, Ph.D.*, Brandon University, *Catastrophe at Greensburg, Kansas: Living through Nature's Severest Windstorm.*
- 10:30** Robert M. Schwartz, Ph.D.*, University of Akron, *Potential Terrorism: Bomb Threats on University Campuses.*
- 10:50** Gabriel R. Burns*, Texas A&M University HRRS, *Enhancing Communication and Hazard Resiliency in Disadvantaged Communities: Linking Patterns of Free Response to Underlying Cultural Meaning.*
- 11:10** John A. Cross*, University of Wisconsin-Oshkosh, *Hazards Geographers: A Decade of Change.*
- 11:30** Michelle L. Shuey*, Edinboro University of Pennsylvania, *Developing a Hazardscape: cougar-human conflicts in Boulder and Colorado Springs.*

3258. Waste Management in the 'Developing' World

- Room:* Beacon E, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Kate Parizeau, University of Toronto; Carrie Mitchell, University of Toronto
- CHAIR(S): Kate Parizeau, University of Toronto
- 10:10** Kate Parizeau, Ph.D. Candidate; M.Sc.Pl.*, University of Toronto, *Informal Recycling in Buenos Aires, Argentina: Gender and Labour.*
- 10:30** Carrie L Mitchell, Ph.D. Candidate*, University of Toronto, *Stewards of Sustainability? Moving towards a more nuanced understanding of informal waste collecting.*
- 10:50** Sonya R Graci*, Ryerson University, *When Planning Is Not Enough& Examining Barriers to Waste Management in Island Tourism Destinations. The Case Study of Gili Trawangan, Indonesia..*
- 11:10** Jessica Wilczak*, University of Toronto, *Peopling the wasteland: New geographies of Guiyu's global e-waste industry.*
- Discussant(s): Garth Andrew Myers, University of Kansas

3259. Spatial Analysis and Modeling: Transport and Spatial Analysis (Sponsored by Spatial Analysis and Modeling Specialty Group)

- Room:* Beacon F, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Mark W. Horner, Florida State University
- CHAIR(S): Kevin M. Curtin, George Mason University
- 10:10** David H. Kaplan*, Kent State University, *Measuring and Facilitating Sustainable Transportation around University Campuses.*
- 10:30** Warren Christopher Jochem*, Student, *Estimating Temporary/Mobile Populations at Transportation Centers for use in Population Distribution Models.*
- 10:50** Elizabeth Mack*, Indiana University; Tony H. Grubestic, Ph.D., Indiana University, *Determinants of Broadband*

Provision: A Forecasting Approach.

- 11:10** Hejun Kang*, McMaster University; Darren M Scott, McMaster University; Sean Doherty, Wilfrid Laurier University, *Priority of joint activities in the household activity scheduling process.*
- 11:30** Kevin M. Curtin, PhD*, George Mason University; Jennifer Hebert, George Mason University, *Error in the use of ZIP Code Polygon Approximations.*

3260. Freight Transport, Networks, and Corridors

- Room:* Beacon G, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Lata Chatterjee, Boston University
- 10:10** Leif Gjesing Hansen, Associate Professor*, Aalborg University, *Regional mobility and accessibility via networks of freight transport operators.*
- 10:30** Paul R. Sando, Ph.D.*, MN State University at Moorhead, *Long Train Running: The Effect of Unit Train and Shuttle Trains on Rail Networks..*
- 10:50** Kara Tiller*, The University of North Carolina at Charlotte; Jean-Claude Thill, Ph.D., Knight Distinguished Professor, The University of North Carolina at Charlotte; Shikai Tang, The University of North Carolina at Charlotte, *A Spatial Database for U.S. Waterborne Imports.*
- 11:10** Wouter Jacobs, PhD*, Erasmus University Rotterdam, *Global Value Chains, Port Clusters and Advanced Producer Services.*
- 11:30** Lata Chatterjee, PhD*, Boston University, *The Evolution of Intermodal Freight Corridors and Port Performance in the US.*

3261. Spatial Thinking: Concepts, Cognition, and Cartography

- Room:* Beacon H, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Lynn Liben, Penn State
- 10:10** Sandra Metoyer*, Texas A&M University, *The Hierarchical Parallel Model (HP-Model) of Spatial Cognition: Integration of neuroscience and education to improve spatial thinking and geographic literacy.*
- 10:30** Kerry Lyste*, Everett Community College, *The Cognitive Mapping Project at Everett Community College.*
- 10:50** James S Peters*, University of Massachusetts, Amherst; Richard W Wilkie, PhD, University of Massachusetts, Amherst, *Geographic Knowledge and Spatial Representation Project.*
- 11:10** Sibylle M. Reinfried, Prof. Dr.*, Teacher Training University Of Central Switzerland, Lucerne; Stephan M. Schuler, Ludwigsburg University Of Education, Germany, *Students' Ideas About Geographical Concepts And Feasible Strategies To Induce Conceptual Change - A State-Of-The-Art Of Research Report.*
- 11:30** Lynn S. Liben, Ph.D.*, Penn State; Lauren J. Myers, M.A., Penn State; Lisa E. Szechter, Ph.D., Tulane U, *Learning about Maps in a Children's Museum.*

3262. Public Health and GIS

- Room:* Kent, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Joseph R. Oppong, University of North Texas
- 10:10** Aldo Avina*, University of North Texas; Joseph R Oppong, Ph.D., University of North Texas; Stephen E Weis, Ph.D., University of North Texas Health Science Center; Patrick K Moonan, Ph.D., Centers for Disease Control and Prevention, *Ethnicity/Race and Tuberculosis in Tarrant County, Texas.*

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- 10:30** Joseph R. Oppong*, University of North Texas, *Effectiveness of Genotype GIS-based screening in Identifying Molecular Tuberculosis Clusters among Minorities.*
- 10:50** Zaria Tatalovich*, University of Southern California; John Wilson, University of Southern California; Ed Avol, University of Southern California, *Estimation of traffic volumes on local road networks to support assessment of traffic-related exposure to pollutants.*
- 3263. View from inside: urban and regional change in post-socialist Europe (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)**
Room: Jefferson, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): Ludek Sykora, Charles University in Prague; Boleslaw Domanski, Jagiellonian University
 CHAIR(S): Petr Pavlinek, University Of Nebraska at Omaha
10:10 Boleslaw Domanski*, Jagiellonian University, Krakow, Poland; Krzysztof Gwosdz, Jagiellonian University, Krakow, Poland, *Local Capabilities and Regional Development in Post-socialist Central Europe.*
10:30 Petr Pavlinek*, University Of Nebraska at Omaha, *Regional Development Effects of the Czech Automotive Industry.*
10:50 Grzegorz Micek*, Jagiellonian University, *Exploring the emergence of the software industry in Central and Eastern Europe.*
11:10 Zoltán Gál, Dr.*, Centre for Regional Studies Hungarian Academy, University of Kaposvár, *Future Bangalores or Singapores? International Financial Centre Formation In the CEEcs - the case of Warsaw, Prague & Budapest.*
11:30 Ludek Sykora*, Charles University in Prague, Czech Republic, *Path Dependencies in Post-Socialist Urban and Regional Development.*
- 3264. Author Meets Critics: Feminisms in Geography: Rethinking Space, Place, and Knowledges (Sponsored by Geographic Perspectives on Women Specialty Group)**
Room: Exeter, Sheraton, 3rd Floor (Panel Session)
 ORGANIZER(S): Joni M Palmer, University of Colorado at Boulder
 CHAIR(S): Joni M Palmer, University of Colorado at Boulder
 Panelists: Lisa Kim Davis, UCLA; Anu Sabhlok, University of Louisville; Sara Koopman, University of British Columbia; Joni M Palmer, University of Colorado at Boulder; Mary Gilmartin, NUI Maynooth; Pamela Moss, University of Victoria
- 3265. Inside Journal Publishing I: Reviewing, Editing and Getting Published (Sponsored by Economic Geography Specialty Group, Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)**
Room: Berkeley, Sheraton, 3rd Floor (Panel Session)
 ORGANIZER(S): Oliver T. Coomes, McGill University; Pauliina Raento, University of Helsinki
 CHAIR(S): Oliver T. Coomes, McGill University
 Panelists: Oliver T. Coomes, McGill University; John O'Loughlin, University of Colorado; Neil Wrigley, University of Southampton; Henry Wai-chung Yeung, National University of Singapore; Douglas L. Johnson, Clark University
- 3266. Energy Policy & Geographic Research: The Year in Review (Sponsored by Energy and Environment Specialty Group)**
Room: Hampton A, Sheraton, 3rd Floor (Panel Session)
 ORGANIZER(S): Scott Justo, Worcester Polytechnic Institute; Michael K. Heiman, Dickinson College
 CHAIR(S): Michael K. Heiman, Dickinson College
 Panelists: Michael K. Heiman, Dickinson College; Scott Justo, Worcester Polytechnic Institute; Barry Solomon, Michigan Technological University; Robert Bailis, Yale University
- 3267. Agent Based Modeling II**
Room: Hampton B, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Andrew Crooks, University College London
10:10 Guangjin Tian*, Dr., *Modeling complex urbanization process in Beijing metropolitan area using hierarchical agent-based model.*
10:30 Eun-Kyeong Kim, Graduate Student*, Department of Geography, Kyung Hee University, Seoul; Sung-Jin Cho, Assistant Researcher, Korea Research Institute for Human Settlements, Anyang-si; Chul-sue Hwang, Associate Professor, Department of Geography, Kyung Hee University, Seoul, *A Study on the Fear of Street Crime on Travel Behavior using Agent-based Micro-Simulation.*
10:50 Emariana S. Taylor*, Texas State University-San Marcos, *Spatially Explicit, Individual-based Model of Mexican free-tailed bat Urban Habitat Use in Austin, Texas.*
11:10 Andrew Thomas Crooks, Mr*, University College London, *Using Geographically Explicit Agents to Explain and Explore Urban Phenomena.*
- 3271. Quaternary Environments of the Americas II: Western U.S. (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)**
Room: Fairfax B, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): Amy M. Bloom, Illinois State University; David F Porinchu, Ohio State University
 CHAIR(S): Amy M. Bloom, Illinois State University
10:10 Joan Bunbury*, University of Ottawa; Konrad Gajewski, University of Ottawa, *Holocene paleoenvironments inferred from a lake at treeline, southwest Yukon Territory, Canada.*
10:30 Megan K Walsh*, University of Oregon; Cathy Whitlock, Montana State University; Patrick J Bartlein, University of Oregon; Christopher A Pearl, USGS Corvallis Research Group, *From Native-American Habitation to European-American Settlement: Reconstructing the Last 5000 years of Landscape Change in the Willamette Valley, Oregon and Washington.*
10:50 Scott A Reinemann*, The Ohio State University; David F Porinchu, The Ohio State University; Bryan G Mark, The Ohio State University; Jason E Box, The Ohio State University, *20th Century and Holocene Chironomid-Based Climate Reconstructions from Sub-alpine Lakes in the Western United States.*
11:10 Lisa Doner*, Plymouth State University, *A 26,000 Year Vegetation and Climate Record for Bear Lake, Utah/Idaho.*
11:30 Scott A. Mensing*, University of Nevada - Reno; John L Korfmacher, USDA Forest Service Rocky Mountain Research Station; Robert Musselman, USDA Forest Service Rocky Mountain Research Station, *A Holocene record of vegetation and climate change from East Glacier Lake, Wyoming.*

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- 3303. Cryosphere Specialty Group Business Meeting (Sponsored by Cryosphere Specialty Group)**
Room: Dartmouth Room, Marriott, 3rd Floor (Meeting Session)
- 3305. Spatial governance and the new capitalism (Sponsored by International Journal of Urban and Regional Research)**
Room: Fairfield Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Roger Keil, York University
 CHAIR(S): Roger Keil, York University
11:55 Alan Harding, University of Manchester
- 3311. Geographic Perspectives on Women Specialty Group Business Meeting (Sponsored by Geographic Perspectives on Women Specialty Group)**
Room: Wellesley Room, Marriott, 3rd Floor (Meeting Session)
- 3312. Developing Areas Specialty Group Business Meeting (Sponsored by Developing Areas Specialty Group)**
Room: Tufts Room, Marriott, 3rd Floor (Meeting Session)
- 3313. Geographic Information Science and Systems Specialty Group Business Meeting (Sponsored by Geographic Information Science and Systems Specialty Group)**
Room: Simmons Room, Marriott, 3rd Floor (Meeting Session)
- 3319. Bible Geography Specialty Group Business Meeting (Sponsored by Bible Geography Specialty Group)**
Room: Grand Ballroom Salon D, Marriott, 4th Floor (Meeting Session)
- 3323. Communication Geography Specialty Group Business Meeting (Sponsored by Communication Geography Specialty Group)**
Room: Grand Ballroom Salon H, Marriott, 4th Floor (Meeting Session)
- 3324. China Specialty Group Business Meeting (Sponsored by China Specialty Group)**
Room: Grand Ballroom Salon I, Marriott, 4th Floor (Meeting Session)
- 3325. Environmental Perception and Behavioral Geography Specialty Group Business Meeting (Sponsored by Environmental Perception and Behavioral Geography Specialty Group)**
Room: Grand Ballroom Salon J, Marriott, 4th Floor (Meeting Session)
- 3326. Ethnic Geography Specialty Group Business Meeting (Sponsored by Ethnic Geography Specialty Group)**
Room: Grand Ballroom Salon K, Marriott, 4th Floor (Meeting Session)
- 3327. Spatial Analysis and Modeling Specialty Group Business Meeting (Sponsored by Spatial Analysis and Modeling Specialty Group)**
Room: Nantucket Room, Marriott, 4th Floor (Meeting Session)
- 3331. Geography Education Specialty Group Business Meeting (Sponsored by Geography Education Specialty Group)**
Room: Yarmouth Room, Marriott, 4th Floor (Meeting Session)
- 3333. History of Geography Specialty Group Business Meeting (Sponsored by History of Geography Specialty Group)**
Room: Vineyard Room, Marriott, 4th Floor (Meeting Session)
- 3334. Historical Geography Specialty Group Business Meeting (Sponsored by Historical Geography Specialty Group)**
Room: Maine Room, Marriott, 5th Floor (Meeting Session)
- 3335. Human Dimensions of Global Change Specialty Group Business Meeting (Sponsored by Human Dimensions of Global Change Specialty Group)**
Room: New Hampshire Room, Marriott, 5th Floor (Meeting Session)
- 3342. 1491: The Geography of the Americas Before Columbus, with 2008 Honorary Geographer Charles Mann**
Room: Essex North-West, Westin, 3rd Floor (Panel Session)
 ORGANIZER(S): Douglas Richardson, AAG Executive Director
 CHAIR(S): Douglas Richardson, AAG Executive Director
11:55 Charles C. Mann, Science Magazine
 Session Description: Charles Mann, author of *1491: New Revelations of the Americas before Columbus*, and the AAG's 2008 Honorary Geographer will speak on the geography of the pre-Columbian Americas. Mann's writings on pre-Columbian Indian landscapes, populations, and cultures have prompted an intellectually rich discourse on how history has described the land the Europeans encountered when they first arrived in the Americas. This discourse, in turn, has been the root of a shift in our basic understanding of the pre-colonial Americas. *1491* challenges the general premise that, prior to Columbus's arrival in 1492, the "new world" was sparsely populated by culturally unsophisticated peoples. On the contrary, suggests Mann, the Americas were likely much more densely populated than previously thought and the influence of Indians on the world around them was far from negligible. *A book signing with Charles Mann will immediately follow this session.*
- 3366. Energy and Environment Specialty Group Business Meeting (Sponsored by Energy and Environment Specialty Group)**
Room: Hampton A, Sheraton, 3rd Floor (Meeting Session)
- 3370. Wiley Blackwell Lecture on Geomorphology and Society (Sponsored by Geomorphology Specialty Group)**
Room: Fairfax A, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): Jon Harbor, Purdue University
 CHAIR(S): Jon Harbor, Purdue University
 Introducer: Jon Harbor
10:15 Denise J. Reed*, University Of New Orleans, *Managing the Mississippi Delta for the 21st Century: A Challenge to Science and Society.*

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1:00 PM - 2:40 PM**3402. Hurricanes III: Spatial and Temporal Variability (Sponsored by Climate Specialty Group)**

Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Kam-Biu Liu, Louisiana State University
 CHAIR(S): Amy Frappier, Boston College

1:00 Emily A Fogarty*, Florida State University; James Elsner, Florida State University, *A Network Analysis of U.S. Hurricanes*.

1:20 Patrick Knight*, Boston College; Amy Frappier, Ph.D., Boston College, *Do Poleward-tracking Tropical Cyclones Influence Greenland Melting Events?*

1:40 Michael Grossman*, Department of Geography, SIU Edwardsville; Masumi Zaiki, Faculty of Intercultural Studies, Kobe University; Takehiko Mikami, Department of Geography, Tokyo Metropolitan University, *Reconstructing Typhoon Landfalls in Japan in the 19th Century using Data from Historical Documents*.

2:00 David A Glenn*, University of South Carolina, *Reconstructing North Atlantic Hurricanes of the 1840s and 1850s*.

2:20 Jorge Sánchez-Sesma*, Instituto Mexicano De Tecnología Del Agua, *An Intensification Index of Atlantic Cyclones for the Last Millennium*.

3403. Governing Climate Change (session I): new politics, new discourses, new geographies (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Maxwell Boykoff, University of Oxford; Julian Agyeman, Tufts University
 CHAIR(S): Harriet Bulkeley, University of Durham
 Introducer: Harriet Bulkeley

1:05 Adam G Bumpus*, University of Oxford, *Governing (Uneven) Development in Carbon Offsets*.

1:24 Heather C Lovell, Dr*, University of Edinburgh, *The international climate regime and voluntary carbon offsets: the case of Australia*.

1:43 Natasha Grist, University of East Anglia; Tan Quang Nguyen, Hanoi, *Trading equity for carbon? The politics of reducing emissions from deforestation*.

2:02 Nathan E Hultman*, University of Maryland; Alexander S Bozmoski, Georgetown University, *Carbon-forestry in Rural Tanzania: Local & Institutional Perceptions of Risk & Benefit in Pursuit of CDM Approval*.

2:21 Margaret Wilder*, University of Arizona, *New Geographies of Climate Change and Environmental Governance on the Mexico-U.S. Border: Institutions, Environmental Organizations, and Local Communities in the Binational Colorado River and Delta Region*.

Discussant(s): Diana M. Liverman, University Of Oxford

3404. J. Warren Nystrom Award Session II

Room: Exeter Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Richard D. Wright, San Diego State University
 CHAIR(S): Richard D. Wright, San Diego State University
1:00 Brenden McNeil*, University of Wisconsin-Madison, *Spatial Variability of Foliar Nitrogen in Ten Temperate Tree Species*.

1:20 Sarah A Moore*, University of Arizona, *The Excess of Modernity: Garbage Politics in Oaxaca Mexico*.

1:40 Junmei Tang*, University of Maryland, Baltimore County, *Modeling Urban Landscape Dynamics through Fuzzy Cellular Automata Model*.

2:00 Dan Trudeau*, Macalester College, *State Restructuring and Citizenship Formation in the United States*.

3406. Career Planning for Graduate Students (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))

Room: Harvard Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Beth Schlemper, University of Toledo
 CHAIR(S): Beth Schlemper, University of Toledo
 Panelists: Antoinette WinklerPrins, Michigan State University; Douglas W. Gamble, University Of North Carolina - Wilmington; Cary Komoto, University of Wisconsin - Barron County; Thomas J. Baerwald, National Science Foundation; Eric J. Fournier, Samford University; Stanley D. Brunn, University of Kentucky
(see session description on page 44-45)

3407. Food Environments III: Access and Race (Sponsored by Rural Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Steven Garrett, University of Washington; Daniel R. Block, Chicago State University
 CHAIR(S): Rachel Slocum
1:00 Anne C. Bellows*, Hohenheim University, *Who knows? Who cares? Who benefits and how!? Research in Community Food Environments*.

1:20 Daniel R. Block*, Chicago State University; Noel Chavez, University of Illinois-Chicago; Jennifer Hebert-Beirne, University of Illinois-Chicago; Beth McLennan, University of Illinois-Urbana, *Race, Ethnicity, and Food Access in the Chicago and its Suburbs*.

1:40 Nathan Crane McClintock*, Department of Geography, University of California, Berkeley, *PCBs and Collard Greens: Soil Contamination and Food Justice in Oakland, CA*.

2:00 Steven M. Garrett, PhC, MS, RD*, University of Washington, *"Nutritional Apartheid": Bringing Justice and Groceries Back into the 'Hood*.

Discussant(s): Julie Guthman, Univ of California Santa Cruz

3408. Food, Glorious Food III

Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Ben Champion, University of Oxford
1:00 Tuija Mononen*, *Networks of Organic Production - Study on Transformation in the Finnish Organic Production Networks*.

1:20 Shauna M Bloom, PhD Candidate*, University of Guelph - Geography Department; John Smithers, Associate Professor, University of Guelph - Geography Department, *Capitalizing on Freshness: Producer Engagement with Local Food Initiatives and Strategies for Developing Local Markets*.

1:40 Benjamin Coles*, Royal Holloway University of London; Lucius Hallett*, University of Wyoming Geography; Matthew T. Koepp*, Association of American Geographers, *Good Soy Bad Soy: (re)configuring the politics of consumption*.

2:00 Raymond Greene*, Western Illinois University; Sunita George, Alabama State University, *Social Exclusion and Food Deserts in Montgomery, Alabama*.

2:20 Ben Champion, D.Phil.*, Kansas State University, *Mapping Uneven Development through the Connectivities of Local Food*.

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3409. GIS and Health (Sponsored by Medical Geography Specialty Group, Geographic Information Science and Systems Specialty Group)*Room:* MIT Room, Marriott, 3rd Floor (Paper Session)ORGANIZER(S): Nadine Schuurman, Simon Fraser University
CHAIR(S): Nadine Schuurman, Simon Fraser University
Introducer: Nadine Schuurman**1:01** Lu Wang, Dr.*, Ryerson University, *An Investigation of Access to Physician Resources among Immigrant Communities in Toronto.***1:21** Nadine Schuurman, Ph.D.*, Simon Fraser University, *An online application to model effects of hospital services changes on hospital catchments in rural and remote areas.***1:40** Mei-Po Kwan*, Ohio State University, *Reconceptualizing Sociogeographic Context for the Study of Drug Use, Abuse, and Addiction.***2:00** Gerard Rushton, Professor*, University of Iowa, *Privacy and Confidentiality in Health-GIS.***2:20** Sara McLafferty*, University of Illinois, *Immigrant Health Inequalities: Socio-spatial Dimensions of Difference.***3410. Locating the Military-Industrial Complex III (Sponsored by Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group)***Room:* Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Patrick Vitale, University of Toronto; Matthew Farish, Department of Geography, University of Toronto

CHAIR(S): Jenna M. Loyd, Syracuse University

1:00 James A. Tyner, PhD*, Kent State University, *Geographies of Everyday Death: US Militarism and America's War on Vietnam.***1:20** Matthew Farish*, Department of Geography, University of Toronto, *Natick and the Nature of War.***1:40** Patrick Vitale*, University of Toronto, *"Battlefronts of Industry": Westinghouse and the Good War.***2:00** Derek Gregory*, University of British Columbia at Vancouver, *MIME-ing the cultural turn: cultural intelligence, counterinsurgency and killing fields.*

Discussant(s): Michael Heffernan, University of Nottingham

3411. Hazards and Climate Change*Room:* Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susan Dunham, University of South Carolina-Columbia

1:00 Denise R. Blanchard-Boehm, Ph.D.*, Texas State University; Denise Blanchard-Boehm, Ph.D., Texas State University, *Comparison of Risk Communication Processes between Environmental and Bioterrorist Hazards.***1:05** Jian Chen, Ph.D. Candidate*, University of Memphis; Arleen Alice Hill, Ph.D., University of, *A GIS-based Flood Loss Model: Urban Campus Case Study.***1:10** Misty Layne White*, University of North Alabama, *Natural Hazards in Costa Rica.***1:15** Daniel F. Kirkwood*, United States Geological Survey, *Spatial Database of Mitigation Efforts in Central America.***1:20** Miriam C. Maynard-Ford*, United States Geological Survey, *Mapping Vulnerability to Natural Hazards in Latin America and the Caribbean, 1901 to Present.***1:25** Mary C Israel*, San Francisco State University, *Can Climate Change Threat to Ecological Communities Be Mapped?.***1:30** Christine Wrublesky*, University of Richmond, *Glacier Variation and Climate Change: Glacier Perito Moreno, Patagonia.***1:35** Susan Dunham*, University of South Carolina-Columbia; John A. Kupfer, Ph.D., University of South Carolina-Columbia, *Climate Change and Species Distribution Modeling in the Eastern United States.***3412. People Of Color Navigate The Academy I (Sponsored by Geographic Perspectives on Women Specialty Group)***Room:* Tufts Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Rupal Oza, Hunter College, CUNY; Punam Khosla, York University

CHAIR(S): Emily Murai, University of Minnesota - Minneapolis

Panelists: Audrey L. Kobayashi, Queen's University; Leela Viswanathan, Queen's University; Rupal Oza, Hunter College, CUNY; Minelle Mahtani

3413. The Gender, Place and Culture Jan Monk Distinguished Lecture*Room:* Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Linda Peake, York University

CHAIR(S): Linda Peake, York University

Introducer: Robyn Longhurst

1:05 Geraldine J. Pratt*, University Of British Columbia, *Circulating Sadness.***3414. Geographic Contributions to Agro-biodiversity Conservation II (Sponsored by Rural Geography Specialty Group, Biogeography Specialty Group)***Room:* Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kimberlee Chambers, Willamette University; Laurajeane Rehmke Lewis, University of Maryland, Baltimore County

CHAIR(S): Laurajeane Rehmke Lewis, University of Maryland, Baltimore County

1:00 Karl Zimmerer*, Department of Geography, Pennsylvania State University, *Agrobiodiversity, Water Resources, and Development Change in Tropical Mountain Environments Under Neoliberal and Neopopulist Governance (Bolivia).***1:20** Oliver T. Coomes*, McGill University, *Agrobiodiversity in Indigenous Farming Systems of the Peruvian Amazon.***1:40** Nadine Saad*, Carleton University, *Exploring the Political and Discursive Conundrums of In Situ Conservation.***2:00** V Ernesto Mendez, Assistant Professor*, Environmental Program and Dept. of Plant & Soil Science, University of Vermont, *Conservation-based Strategies to Support Biodiversity Protection and Coffee Farmer Livelihoods in the Buffer Zone of El Imposible National Park, El Salvador.***2:20** Kraig Kraft*, University of California, Davis; Paul Gepts, Ph.D., University of California, Davis, *Genetic Diversity of Wild Chile Pepper, Capsicum annum var. glabriusculum, in Mexico.***3415. Indigenous Tourism I (Sponsored by Recreation, Tourism, and Sport Specialty Group, Indigenous Peoples Specialty Group)***Room:* Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Lorri K. Krebs, Salem State College

CHAIR(S): Lorri K. Krebs, Salem State College

1:00 Li Yang*, Western Michigan University, *Ethnic Tourism Development: Case Studies from Xishuangbanna, Yunnan, China.***1:20** Leah A. Huff*, Queen's University, *Full-Moon Dance Parties and Sacred Healing Ceremonies: Tourism in*

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San Pedro La Laguna, Guatemala.

1:40 Daniel Graham*, University of California, Berkeley,
*Neoliberal multiculturalism and the marketing of
indigenous alterity: the Ruta Lenca ethno-tourism
route in western Honduras.*

2:00 Sarah Jane Carnaffan, PhD Candidate*, Newcastle
University, UK, *Peru-Land of the Incas? An Analysis
of Discourses of Development and Culture in 'Home
stay' tourism in Peru.*

Discussant(s): Thomas Klak, Miami University of Ohio

3416. Nutrient Loads, Stream Ecology and Stream Restoration

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sean Bennett

1:00 Jason P Julian*, UMCES - Appalachian Lab; Martin W
Doyle, University of North Carolina; Emily H Stanley,
University of Wisconsin, *Basin-scale hydrogeomorphic
controls on riverine light availability.*

1:20 Colin Belby*, University of Wisconsin - Madison,
*Floodplain Sedimentation and Nutrient Sequestration,
Upper Mississippi River.*

1:40 Jingyu Wang*, Earth and Environmental Science PhD
program, The Graduate Center, City University of
New York, *Phosphorus transport in the Bronx River:
Qualitative and Quantitative Analysis.*

2:00 Huicheng Chien*, State University of New York at Buffalo;
Scott Mackay, State University of New York at Buffalo,
*A phosphorous concentration model developed for the
shallow impoundment bottom sediment.*

2:20 Sean J. Bennett*, Department of Geography, University
at Buffalo, Buffalo, NY 14261-0055; Weiming Wu,
National Center for Computational Hydroscience and
Engineering, The University of Mississippi, MS 38677;
Carlos V. Alonso, USDA-ARS National Sedimentation
Laboratory, P.O. Box 1157, Oxford, MS 38655;
Sam S.Y. Wang, National Center for Computational
Hydroscience and Engineering, The University of
Mississippi, MS 38677, *Modeling fluvial response to
in-stream woody vegetation: Implications for stream
corridor restoration.*

3417. Democratization and Ethnography: Political Change Through Thick And Thin III (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group)

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Clive Barnett; Craig Jeffrey, University of
Washington

CHAIR(S): Clive Barnett

1:00 Lucila Newell*, Open University, *Democracy Enacted.
Doing Ethnography in Buenos Aires.*

1:20 John Harriss, PhD*, Simon Fraser University, *Spaces of
Democracy in Indian Cities.*

1:40 Mary Beth Pudup*, University of California, Santa Cruz,
*What's Growing in the Garden? Organized Garden
Projects and the Production of Citizenship.*

Discussant(s): Craig Jeffrey, University of Washington

3418. Remote Sensing and GIS for Urban Analysis: Special Paper Session in Memory of Dr. C. P. Lo (III) (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State University; Victor

Mesev, Florida State University

CHAIR(S): Hongmian Gong, Hunter College

1:00 Bailang Yu*, Department of Geography, Texas A&M
University and Key Lab. of Geographic Information
Science, Ministry of Education, East China Normal
University; Hongxing Liu, Department of Geography,
Texas A&M University; Wei-ming Lin, Environmental
Systems Research Institute Inc.; Jianping Wu, Key
Lab. of Geographic Information Science, Ministry
of Education, East China Normal University,
*Analysis of Seasonal Solar Radiation Variations of
Downtown Houston Using Airborne LiDAR Data and
SOLARFLUX Model.*

1:20 Hongmian Gong*, Hunter College; Cynthia Chen, City
College of New York; Catherine T Lawson, University
of Albany; Haiyun Lin, City College of New York,
*Exploring the Use of GPS in Travel Survey in New
York.*

1:40 Bingli Xu*, Institute of Space and Earth Information
Science; Hui Lin, Institute of space and earth
information science, The Chinese University of Hong
Kong; Jun Zhu, The Institute of Space and Earth
Information Science, The Chinese University of Hong
Kong, *Collaborative Virtual Geographic Environment
based Pearl River Delta Air pollution Simulation.*

2:00 Manishika Jain*, Mohanlal Sukhadia University, *Urban
Development Planning: A Remote Sensing and GIS
based study of Udaipur Urbanizing Region, India.*

2:20 Steven M. Manson*, University Of Minnesota; Len Kne,
University of Minnesota, *Remote Sensing and GIS
for Urban Environmental Education: The Minnesota
Interactive Internet Mapping (MIIM) Project.*

3419. Geography of Wine in Non-credit Venues (Sponsored by Wine Specialty Group)

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown University of
Pennsylvania

CHAIR(S): Percy H. Dougherty, Kutztown University of
Pennsylvania

Panelists: Percy H. Dougherty, Kutztown University of
Pennsylvania; Kenneth C. Martis, West Virginia
University; Denyse Lemaire, Rowan University; James
L. Newman, Syracuse University; John Boyer, Virginia
Tech

3420. Urban Sprawl and Land Preservation

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Myers, Rutgers University

1:00 Indumathi Srinath*, Texas A&M University; Andrew
Millington, Texas A&M University; Adam
Krustchinsky, Texas A&M University; Amanda Young,
Texas A&M University; Chris Graff, Texas A&M
University; Daehyun Kim, Texas A&M University;
Danny Redo, Texas A&M University; Frank Hopf,
Texas A&M University; William Flatley, Texas A&M
University, *The urban expansion of Bryan and College
Station, Texas from 1867 to 2003.*

1:20 Ian C Mell*, University of Newcastle, *Is the green light
really on: has Green Infrastructure planning started
to provide cross-cutting benefits for urban and urban-
fringe areas?.*

1:40 Annalie L Campos*, Michigan State Univ; Soji Adelaja, Ph
D, Michigan State University, *Relating Local Roads
Spending to Urban Sprawl.*

2:00 James Myers*, Rutgers University, *From Response to
Driver: Interactions between Land Preservation and
Landscape Change.*

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2:20 Erick Sánchez Flores*, Universidad Autónoma de Ciudad Juárez; Javier Chávez, Universidad Autónoma de Ciudad Juárez; Alfredo Granados Olivas, Universidad Autónoma de Ciudad Juárez; Francisco Llera Pacheco, UACJ; Rolando Díaz Caravantes, University of Arizona, *Spatio-temporal characterization of urban land use patterns in Ciudad Juárez, Mexico. A remote sensing and landscape metrics approach.*

3421. Perspectives on Africa

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Ryan Zachary Good, University of Kansas; Hilary Hungerford, University of Kansas

CHAIR(S): Ryan Zachary Good, University of Kansas

1:00 Ryan Zachary Good*, University of Kansas, *Poverty, Place, and Political Development in Postcolonial Kenya.*

1:20 Hilary Hungerford*, University of Kansas, *Refugees in Kansas City: Perception through Photography.*

1:40 Megan Holroyd*, University of Kansas, *Geopolitics and Discourse of Food Aid to Africa.*

2:00 Stephanie Day*, University of Kansas, *Development Theories and Low-Income Housing in Nairobi, Kenya.*

2:20 Levi J Gahman, student*, The University of Kansas, *Identity, Body-Image and the Global Epidemiology of Eating Disorders.*

3422. Climate Extremes and Hazards, Global Change, Teleconnections, and Urban Heat Islands

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)

ORGANIZER(S): Program Committee

David M. Brommer*, The University of Alabama; Randall S. Cerveny, Arizona State University; Robert C. Balling, Jr., Arizona State University, *Characteristics of Long-Duration Precipitation Events for the Conterminous United States.*

Jeanne Thibeault*, University of Connecticut; Anji Seth, University of Connecticut; Magali Garcia, PhD, Universidad Mayor de San Andres, La Paz, Bolivia, *Changing Climate in the Bolivian Altiplano: CMIP3 Projections for Extremes of Temperature and Precipitation.*

Sol Xenos Wuensch*, East Carolina University, *Analysis of Heavy & Extreme Precipitation in the Carolinas: TRMM & Gauge Data 1998 - 2006.*

William Rodgers*, Western Kentucky University; Rezaul Mahmood, Western Kentucky University, *Flash Flood Climatology of the Appalachian Region (1978-2005).*

Susan L Peters*, Texas State University - San Marcos, *Historical Climatology of Extreme Winter Weather Events in Texas.*

Ruth E. Baker*, University of Minnesota, *Changing Frequency, Intensity, and Timing of Extreme Snowfall in the Upper Midwest.*

Susan W.S. Millar*, Syracuse University, *Winter Hydroclimate Changes in Upstate New York.*

Tianna A Bogart*, University of Delaware; Brian Hanson, PhD, University of Delaware, *Sensitivity of the North Atlantic Oscillation to Midwestern Snowcover.*

Yuk Yee Yan*, Hong Kong Baptist University, *Spatial Variability of Wind Chill Temperatures in China.*

Belayet Khan*, Eastern Illinois University, *An Analysis of Recent Temperature and Precipitation Patterns in Bangladesh.*

Winston T.L. Chow*, School of Geographical Sciences, Arizona State University; Department of Geography, National University of Singapore, *The impact of rural thermal admittance on the UHI of Singapore.*

M Graham Clark*, University of Guelph; Peter E Kelly, University of Guelph; Douglas W Larson, University of Guelph; Ze'ev Gedalof, University of Guelph, *A 1380 year dendrochronological record spanning south western Ontario.*

Philip B. White*, Department of Geography, The University of Tennessee; Henri D. Grissino-Mayer, Associate Professor of Geography, Department of Geography, The University of Tennessee, *Climate Response in Southern Appalachian Oak Species: A Dendroclimatic Study.*

Kevin Barrett*, Baylor University, *The County Bias of Severe Thunderstorm Warnings and Severe Thunderstorm Weather Reports for the Central Texas Region.*

Philip W. Suckling*, Texas State University-San Marcos; Rebecca P. Brown, Texas State University-San Marcos, *Southern Extent of Tornado Alley.*

Jonathan M. Herbert*, Jacksonville State University, *Historic Climate Change in Alabama.*

Laurie Fazzuoli*, Salem State College, *The Effects of Global Climate Change in Alaska.*

Daria Kluver*, University of Delaware; Daniel Leathers, PhD, University of Delaware, *Modulation of the NAO by North American snowcover: statistical relationships from a 1 degree by 1 degree gridded data set.*

Michael J. Keables*, University Of Denver, *Relationships Between Soil Water Climatology of the Central Great Plains and the Atlantic Multidecadal Oscillation.*

Colleen M. Garrity*, SUNY-Geneseo, *Examining Climate in 3-D Space: A GIS-Based Method of Identifying the Vertical Extent of Surface Drought and Wet Conditions in the Western United States.*

John T. Hayes, Ph.D., Associate Professor*, Salem State College, *Climate Change Indicators: A Comparative Review of Internationally Used Indicators.*

Rita Pongracz*, Dept. of Meteorology, Eotvos Lorand Univ., Budapest, Hungary; Judit Bartholy, Dept. of Meteorology, Eotvos Lorand Univ., Budapest, Hungary; Gyorgyi Gelybo, Dept. of Meteorology, Eotvos Lorand Univ., Budapest, Hungary; Peter Szabo, Dept. of Meteorology, Eotvos Lorand Univ., Budapest, Hungary, *Analysis of Expected Regional Climate Change in Central/Eastern Europe Using Fine-resolution Model Simulations.*

Katrina Burch, Student; Laura Veverka*, Student; Stephen Krabbe, student; Caroline Davies, Assistant Professor, University of Missouri-Kansas City, *Holocene sediments of the Qa al-Azraq Basin, Jordan or Where have all have the sediments gone?.*

Jie Song*, Northern Illinois University, *Modeling the Vegetation Root System for Water and Carbon Fluxes.*

Jennifer M Collins*, University of South Florida; Dustin Hinkel, University of South Florida, *A Case Study in Identifying Vulnerable Populations in the City of Tampa, Florida.*

Carsten Braun*, Westfield State College; Douglas R. Hardy, University of Massachusetts; Raymond S. Bradley, University of Massachusetts, *Surface mass balance of the Ward Hunt Ice Shelf and Ice Rise, Northern Ellesmere Island, Canada.*

Philip L. Chaney*, Auburn University; Greg S Weaver, Auburn University, *The Enterprise, Alabama, Tornado Disaster of 1 March 2007: Previous Experience and the Perception of Hazard.*

Johanna L Ostling, PhD Graduate Assistant*, Texas State University - San Marcos, *Warning Behavior and Response: An Investigation of Public Response During the Palm Beach County Tornado of 7 August 2003.*

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- 3423. Multicultural Efforts in Effective Geographic Education**
Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jesus Granados, Universitat Autònoma de Barcelona
1:00 Jae-Myong Ryu, Seoul National University; Minsung Kim*, Texas A&M University, *Constructing a Sequence of Geography Education in Korea.*
1:20 Roger Firth*, *Young people's lived geographies: theorisation and curriculum making.*
1:40 Aïcha Benimmas*, Université de Moncton, *Map skills among 9th graders in French speaking Secondary School.*
2:00 Jesus Granados*, Universitat Autònoma de Barcelona, *Geography teachers and Education for Sustainability in Catalonia. A case study.*
2:20 Alex Standish*, Western Connecticut State University, *How do High School Geography Textbooks Measure Up?.*

- 3424. Teaching the Geography of China (Sponsored by China Specialty Group, Geography Education Specialty Group)**
Room: Grand Ballroom Salon I, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Rudi Hartmann, University of Colorado; Gregory Veeck, Western Michigan University
 CHAIR(S): Rudi Hartmann, University of Colorado
 Panelists: Rudi Hartmann, University of Colorado; Gregory Veeck, Western Michigan University; Clifton W. Pannell, University of Georgia; George Lin, University of Hong Kong; Alana Bolland, University of Toronto; Guo Chen, Michigan State University; Jingai Wang, Beijing Normal University

- 3425. Human Impacts on Watershed Processes 3 - Hydrological and Ecological Processes (Sponsored by Water Resources Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)**
Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; William H. Renwick, Miami University
 CHAIR(S): William H. Renwick, Miami University
1:00 Katie Price*, University of Georgia; Albert J Parker, Ph.D., University of Georgia; C. Rhett Jackson, Ph.D., University of Georgia - Warnell School of Forestry and Natural Resources, *Land Use Effects on the Surficial Hydrologic Characteristics of Alluvial and Saprolitic Soils in the Southern Blue Ridge Mountains.*
1:20 Yingkui Li*, University of Missouri-Columbia; Cuizhen Wang, University of Missouri-Columbia, *Land use change and its impacts on surface runoff of the Dardenne Creek Watershed, Missouri.*
1:40 Jerry D. Davis*, San Francisco State University, *Fluvial geomorphic adjustments in a flood control / wetland restoration project.*
2:00 Shixiong Hu*, Dept. of Geography, East Stroudsburg University of PA, *Impact of Urbanization on Hydrologic and Ecological Processes in Paradise Creek Watershed, PA.*
2:20 Kimberly M Meitzen*, University of South Carolina at Columbia, *Development and Application of a GIS Floodplain Inundation Model for Congaree National Park, South Carolina.*

- 3426. The Experiences of Immigrants and Refugees in North American Cities II: highly-skilled and low-skilled migrants (Sponsored by Population Specialty Group, Canadian Studies Specialty Group, Ethnic Geography Specialty Group)**
Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Wei Li, Arizona State University; Carlos Teixeira, University of British Columbia Okanagan
 CHAIR(S): Carlos Teixeira, University of British Columbia Okanagan
1:00 Cheryl Sutherland*, Queen's University; Yang Cheng, Queen's University, *Mapping Vulnerability, Picturing Place: The use of photovoice to explore place.*
1:20 Cheryl Sutherland; Yang Cheng*, *Finding Their Place: International Students in the City.*
1:40 Jonathan Clifton*, University of British Columbia, *Deserving citizenship? Canadian immigration policy and the 'low skilled' worker.*
2:00 Susan Lucas, Ph.D.*, Edinboro University of Pennsylvania; Bandana Purkayastha, Ph.D., University of Connecticut, *Experiencing a different "difference." Canadian migrants in the US and questions of integration..*
2:20 John Frazier*, Binghamton University, *Select Experiences of the Immigrant African Diaspora in Two Florida Counties, 2007.*

- 3427. Subversive cartographies 1**
Room: Nantucket Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Chris Perkins; Jorn Seemann, Louisiana State University
 CHAIR(S): Chris Perkins
1:00 Ian Muehlenhaus*, University of Minnesota, *Deconstructing Intentionally Manipulative Maps (IMMs).*
1:20 Lize Mogel, Artist*, *Radical Cartography: Artists making activist maps.*
1:40 Margaret Wickens Pearce*, Department of Geography, Ohio University; Michael Hermann*, University of Maine, *Decolonizing historical cartography through narrative: Champlain's voyages revisited.*
2:00 Denis Wood*, *Lynch Debord.*
 Discussant(s): Vincent J. Del Casino, California State University, Long Beach

- 3428. You Can Get There From Here: Running, Walking, Climbing, Playing**
Room: Provincetown Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Sean Hartnett*, University of Wisconsin - Eau Claire
1:00 Wendy A. Mitteager, PhD*, Oneonta State College, *Landscape Evolution of the Route 28 Sports Tourism Corridor: Oneonta to Cooperstown New York.*
1:20 Ka Wai Chan, MPhil*, University of Hong Kong; Ester Cerin, Dr, *Development and Validation of Objective Measures to Study the Effects of the Built Environment on Residents' Walking.*
1:40 Theodore L. Goudge*, Northwest Missouri State, *Marathons: From Boston to Honolulu - An Update on the Running Revolution.*
2:00 Sean Hartnett*, University of Wisconsin - Eau Claire, *The Geography of Robert Cheruiyot's Record Run in the 2006 Boston Marathon.*

THURSDAY, APRIL 17**1:00 PM - 2:40 PM****3400****3429. Urban Land Use Planning Issues in Africa (In Honor of the Late Dr. Konadu-Agyemang) (Sponsored by Africa Specialty Group)***Room:* Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Seth Appiah-Opoku, University Of Alabama; Benjamin Ofori-Amoah, Western Michigan University

CHAIR(S): Seth Appiah-Opoku, University Of Alabama

1:00 Garth Andrew Myers*, University of Kansas, *What Do Africa's Urban Poor Make of "Pro-Poor" Planning?***1:15** Seth Appiah-Opoku, Dr.*, University Of Alabama, *A Review of Urban Planning Practice and Administration in Ghana with Lessons from the U.S. Planning System.***1:30** James C. Saku, Dr.*, Frostburg State University, *Revamping Ghana's Transportation Infrastructure: Recent Policy Initiatives.***1:45** Benjamin Ofori-Amoah*, Western Michigan University, *Enclaves of Modernity Beyond the Urban Periphery: The Kwahu Towns of Ghana.***2:00** Tadesse Kidane-Mariam*, Edinboro University Of Pennsylvania, *Ethiopia: The discursive and material foundations of urban housing policies and strategies.***2:15** Ian Yeboah*, Miami University, *Globalization and the Sub-Saharan African City.***3430. Lichens to Landscapes: Analyzing and Understanding our World***Room:* Orleans Room, Marriott, 4th Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ryan Perroy, UC Santa Barbara

1:00 Jennifer S. Lalley, DPhil*, University of the Witwatersrand, *Recovery of lichen soil crusts: restoring cover or ecological integrity?***1:05** Sam W. Pugsley*, University of Richmond, *Sustainable Hunting for the Ashaninka of Borderland Peru.***1:10** Cary Lynch*, West Virginia University, *Historical climatic drivers in the central Appalachian Mountains.***1:15** Lauren Childs*, NASA DEVELOP; Jason Jones, NASA DEVELOP; Matthew Batina, NASA DEVELOP; Angie Pelkie, NASA DEVELOP; Sadaf Malik, NASA DEVELOP; Craig Matthews, NASA DEVELOP; Denise Spindel, NASA DEVELOP, *ICESat Estimates of Forest Canopy Height Loss for Post-Hurricane Timber Damage Detection and Assessment Decision Support.***1:20** Denis Gautier*, CIRAD; Laurent Gazull, CIRAD; Nicolas Bécu, Université de Paris I; François Bousquet, CIRAD, *Designing a GIS to organize the firewood supply chain of Bamako, Mali, using role playing game.***1:25** Taly D Drezner*, York University, *Nurse Trees in Areas of Concentrated Rainfall Runoff Support Fewer Than Expected Nursed Cacti in the Desert.***1:30** Lenom Cajuste, ABD*, University of Arizona; Edgar V Gutierrez-Castorena, Colegio de Postgraduados, Mexico; Carlos A Ortiz-Solorio, Ph.D., Colegio de Postgraduados, Mexico, *Water-Induced Agricultural Land Use/Cover Change in Northeastern Mexico.***1:35** William P. Tyminski*, Carolina Tree-Ring Science Laboratory, Department of Geography, UNC-Greensboro, *Decreases in New York Maple Syrup Yields Related to Shifts in the North Atlantic Oscillation, 1916-2007.***1:40** Nancy Doubleday, Ph.D.*, Carleton University, *International Polar Year and Geocryology: Catalysts for Integration of Physical and Human Geographical Sciences.***1:45** Ryan L Perroy*, UC Santa Barbara; Seth Peterson, UC Santa Barbara; Keely Roth, UC Santa Barbara, *Using phenological spectral signatures to map *Foeniculum vulgare* (wild fennel).***1:50** Karen G. Schleeweis*, University of Maryland, College Park; Chengquan Huang, Dr., UMD; Sam Goward, Dr., UMD; Jeffery Hasek, Dr., NASA/GODDARD Space flight Center, *Assessing Trends and Changes in Spatiotemporal Forest Disturbance Patterns in Southeastern US Forests : 1985-2005..***3431. Passages of Pred Part 1 (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group)***Room:* Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Rebecca Dolhinow, California State University Fullerton; Heather Merrill, Dickinson College

CHAIR(S): Katharyne Mitchell

1:00 Andrea Zemguly*, University of Michigan, *"Don't forget it!": Or, How I learned to love Dickensland.***1:15** Marta Gutman*, City College of New York/CUNY, *Footing About the City, with apologies to and in honor of Allan Pred.***1:30** James P. Freeman, PhD*, Concordia University, *From the Little Tree, half a block toward the Lake: Folk Geography and Symbolic Discontent in Post-Sandinista Managua.***1:45** Caroline Desbiens*, Université Laval, *Recognizing the Spectacular North, or How I Became a Geographer Thanks to Allan Pred.***3432. The Cultural Politics of Consuming Nature: Race, Place, Nation and Identity I (Sponsored by Cultural and Political Ecology Specialty Group)***Room:* Falmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Pablo Bose, University of Vermont; Stephanie Rutherford, York University

CHAIR(S): Stephanie Rutherford, York University

1:00 Franklin Ginn*, Kings College London, *Extension, disorder, containment: eco-nationalism and (post)colonial nature in Aotearoa New Zealand.***1:20** Pablo Bose*, University of Vermont, *Mapping marshes and interpreting condos: nature, space and identity in the East Kolkata Wetlands.***1:40** Leslie McLees*, University of Oregon, *Race in the Landscape- Haole resistance to development in Hawaii.***2:00** Jason Morris-Jung, doctoral program*, University of California - Berkeley, *The Racialization of Conservation Politics in the Uplands of Vietnam.***2:20** Robert Wesley Johnston, B.A.*, Student, *What is natural about natural disaster?.***3433. New Frontiers in the Knowledge Economy: Firms, Workers, Policy and Methodology I (Sponsored by Economic Geography Specialty Group)***Room:* Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Yael Levitte, Cornell University; Sharmistha Bagchi-Sen, SUNY-Buffalo

CHAIR(S): Yael Levitte, Cornell University

Introducer: Sharmistha Bagchi-Sen

1:05 Laurel Smith-Doerr, PhD*, National Science Foundation, *The Status of Women Scientists in Knowledge-Based Biotechnology Firms.*

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- 1:24** Per Lundequist*, Uppsala University; Anders Waxell*, Uppsala University, *Promoting localized excellence in research and innovation - mapping contemporary policy trends in Sweden.*
- 1:43** Bruno Moriset, Associate Professor*, University of Lyon - Jean Moulin; Edward J. Malecki, Professor*, Ohio State University, *Organization vs Space: The Paradoxical Geographies of the Digital Economy.*
- 2:02** James W. Harrington*, University of Washington, *Sustainable Workforce Development in the Knowledge Economy: A Regional Perspective.*
- 2:21** Erik Stam*, Utrecht University; . . ., University of Cambridge, *Engineering Local Diversity - Continuity and Change in High-Tech Cambridgeshire.*
- 3434. Diasporas and homelands I: actors and circuits (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)**
- Room:* Maine Room, Marriott, 5th Floor (Paper Session)
ORGANIZER(S): William Jenkins, York University
CHAIR(S): Mary Gilmartin, NUI Maynooth
- 1:00** Andrew Davies*, University of Liverpool, *Information flows in exile - Political Networks in the Tibetan Diaspora.*
- 1:20** Cynthia Jones, PhD (ABD)*, Wilfrid Laurier University, *Anabaptists without borders: How diaspora has inadvertently favoured the Mennonites.*
- 1:40** Adrian N. Mulligan*, Bucknell University, *"I breath, and lo! The chattel becomes a man": the diasporic transformation of Frederick Douglass in the Emerald Isle..*
- 2:00** Alan Gamlen*, Oxford University, *Transnationalism as usual: how states engage their diasporas.*
Discussant(s): Mark Boyle, National University of Ireland Maynooth
- 3435. The Political Economy of Livestock Industry I (Sponsored by Economic Geography Specialty Group)**
- Room:* New Hampshire Room, Marriott, 5th Floor (Paper Session)
ORGANIZER(S): Harvey Neo, National University of Singapore; Jacque L. Emel, Clark University
CHAIR(S): Harvey Neo, National University of Singapore
- 1:00** David C. Gibbs*, University of Hull; Lewis Holloway, University of Hull; Carol Morris, University of Nottingham, *Genetics and genomics in livestock breeding: New geographies of control over animal bodies?.*
- 1:20** Jacob Brenner*, *Structure, Agency, and the Expansion of Buffelgrass in Northern Sonora, Mexico.*
- 1:40** Tom Johnston*, Department of Geography, The University of Lethbridge, *An Examination of Recent Changes to Alberta's Planning Regulations Governing Intensive Livestock Operations: A Case of Regulatory Capture?.*
- 2:00** Elizabeth M. Waithanji*, Clark University, 950 Main St. Worcester MA 01610, *Global Food 2020: Is Factory Farming In The Developing World The Way To Go?.*
Discussant(s): Jacque L. Emel, Clark University
- 3436. Archival Films in Honor of Geoffrey J. Martin, Maynard Weston Dow & Nancy Freeman Dow [1930-2005]: Geographers on Film I: Fair Harvard -William Morris Davis et al (Sponsored by Association of American Geographers, AAG Archives and Association History Committee, History of Geography Specialty Group)**
- Room:* Vermont Room, Marriott, 5th Floor (Paper Session)
ORGANIZER(S): Frederick E. Nelson, University of Delaware
CHAIR(S): Maynard Weston Dow, Plymouth State University
Discussant(s): Maynard Weston Dow, Plymouth State University; Geoffrey J. Martin, Emeritus, Southern Connecticut State University
(see session description on page 21)
- 3437. Protected Areas, Human-Wildlife Conflict, and Conservation III: Current Debates (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)**
- Room:* Massachusetts Room, Marriott, 5th Floor (Panel Session)
ORGANIZER(S): Monica V Ogra, Gettysburg College; Mara Jill Goldman, University of Colorado
CHAIR(S): Mara Jill Goldman, University of Colorado
Panelists: Brian King, University of Texas at Austin; Sugato Dutt; Wolfram Dressler, University of Queensland; Rachel DeMotts, University of Massachusetts-Lowell; Monica V Ogra, Gettysburg College; Sujoy Chaudhuri, CI-CABS and Ecollage
- 3438. "Current Undertakings of the Retired Geographers Organization" (Sponsored by Retired Geographers Affinity Group)**
- Room:* St. George A, Westin, 3rd Floor (Paper Session)
ORGANIZER(S): Christopher L. Salter, PWA Architects
CHAIR(S): Christopher L. Salter, PWA Architects
- 1:00** John Passerello*, Passerello Thoroughbreds; Bev Passerello, Passerello Thoroughbreds; Bev Passerello*, Passerello Thoroughbreds, *Geography and Retirement: On the Road Full-Time.*
- 1:20** William A. Peterman*, Chicago State University, *Facilitating Engagement in the UK: Using One's Skills in a New Environment.*
- 1:40** Arlene C. Rengert, Emeritus Professor*, West Chester University, *The Broad Appeal of Travel-Geography Presentatinos.*
- 2:00** Richard L. Nostrand*, University of Oklahoma, *The Class of 1957.*
Discussant(s): Christopher L. Salter, PWA Architects
- 3439. The Body: Embodiment, Politics and Practice I (Sponsored by Sexuality and Space Specialty Group, Qualitative Research Specialty Group)**
- Room:* St. George B, Westin, 3rd Floor (Paper Session)
ORGANIZER(S): Mathias Detamore
CHAIR(S): Mathias Detamore
- 1:00** Thomas Chapman*, Georgia Southern University, *Embodied Identities and the Body: Community Discourse and Debate of Local Anti-Discrimination Law Based Upon Sexual Orientation.*
- 1:20** Katherine Ludwin*, University of London; Eleanor Wilkinson*, University of Leeds, *'The Annual Festival of Homosexual Misery': taking pride in gay shame.*
- 1:40** Christopher G. Schroeder*, University of Wisconsin-Milwaukee, *Social Reproduction and Regulation of Queer(ed) Youth.*
- 2:00** Cindy Holmes*, University of British Columbia, *Violence denied, bodies erased: Mapping gendered, sexualized and racialized violence.*
Discussant(s): Mathias Detamore

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- 3440. Energy and the political economy of capitalism I (Sponsored by Socialist and Critical Geography Specialty Group, Energy and Environment Specialty Group)**
Room: *St. George C, Westin, 3rd Floor (Paper Session)*
ORGANIZER(S): Matthew Huber, Clark University; Diana Ojeda, Clark University
CHAIR(S): Diana Ojeda, Clark University
1:00 Matthew T Huber*, Clark University, *Energizing Historical Materialism: Fossil Fuels, Space and the Capitalist Mode of Production.*
1:20 Stefan Buzar, Dr*, University of Birmingham, *Energy flows, power, and the production of place.*
1:40 Lisa Marshall*, UNC at Chapel Hill, *Nuclear South: the changing industrial landscape of the Southeast.*
2:00 Amanda E Kass*, Ohio State University, *Neoliberal Nigeria, the United States, and Oil: Linking Production and Consumption.*
Discussant(s): Gavin Bridge, University of Manchester
- 3441. Modern boundaries: engaging resources in social, political and ecological networks (Sponsored by Cultural Geography Specialty Group)**
Room: *St. George D, Westin, 3rd Floor (Paper Session)*
ORGANIZER(S): Amy Roe, University of Delaware
CHAIR(S): Young-Doo Wang, University of Delaware
1:00 Manu Verghese Mathai*, Center for Energy and Environmental Policy, University of Delaware, *Situating Boundaries in a Contested Terrain: Energy, Environment and Economic Development in 'Modern' India.*
1:20 Sophia A. Harmes, PhD Candidate*, University of Delaware, *Superimposed Boundaries and Resource Exploitation of a Cross-Border Indigenous Group.*
1:40 Amy Roe, Ph.D. Candidate*, University of Delaware, *Ruination and Overlapping Spheres of Influence.*
2:00 Taehwa Lee*, University of Delaware, *Paradigmatic boundaries and their interactions in the U'wa People's Struggle against Oil Development in Colombia.*
Discussant(s): Young-Doo Wang, University of Delaware
- 3442. Indigenous Methodologies: Collaborative Research Strategies (Sponsored by Indigenous Peoples Specialty Group)**
Room: *Essex North-West, Westin, 3rd Floor (Panel Session)*
ORGANIZER(S): Renee Pualani Louis, University of Hawaii
CHAIR(S): Renee Pualani Louis, University of Hawaii
Panelists: Maree Hemmingsen, University of Canterbury; Puamiria Parata-Goodall, Ngai Tahu; Sarah Hemmingsen; Chels Marshall
- 3443. Non-Representational Geographies III: Post-Phenomenology**
Room: *Essex North-East, Westin, 3rd Floor (Paper Session)*
ORGANIZER(S): John-David C. Dewsbury, University Of Bristol; Derek McCormack, University of Oxford
CHAIR(S): John-David C. Dewsbury, University Of Bristol
1:00 John Wylie*, University Of Exeter, *Landscape, absence and the geographies of love.*
1:20 Jose Luis Romanillos*, University of Bristol, *'The error of immutable isolation': Bataille, Nancy, 'compearance', and the spatiality of exposure.*
1:40 Jenny Carton*, University of Sheffield, *The image of literature.*
2:00 Kirsten Simonsen*, Roskilde University; Lasse Martin Koefoed*, Roskilde University, *Phenomenology and Otherness - on embodied encounters.*
Discussant(s): Derek McCormack, University of Oxford
- 3444. Ecosystem Services: Decision Research Perspectives**
Room: *Essex North-Center, Westin, 3rd Floor (Panel Session)*
ORGANIZER(S): Jon Campbell, United States Geological Survey; Carl Shapiro, United States Geological Survey
CHAIR(S): Carl Shapiro, United States Geological Survey
Panelists: Thomas Armstrong, United States Geological Survey; Tom Gunther, United States Geological Survey; Ken Williams, United States Geological Survey; Richard L. Bernknopf, United States Geological Survey
(see session description on page 38)
- 3446. Commuting, Land Use, and Spatial Structure III (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)**
Room: *Parliament Room #1, Westin, 7th Floor (Paper Session)*
ORGANIZER(S): Mark W. Horner, Florida State University; Edmund J. Zolnik, George Mason University
CHAIR(S): Mark W. Horner, Florida State University
1:00 Michael John Widener*, Florida State University; Mark W. Horner, PhD, Florida State University, *Exploring the Transport Outcomes of Key Workers.*
1:20 Cynthia Chen*, City College of New York; Jason Chen, City College of New York; Harry Timmermans, Eindhoven University of Technology, *Role of Prior Location on Households' Accessibility Tradeoffs in Residential Relocation Decisions.*
1:40 Edmund J. Zolnik*, George Mason University, *Urban Form and Commute Behavior in the U.S. Urban System.*
2:00 Mike Duncan, Assistant Professor*, UNC Charlotte, *Smart Growth and the Chaining of Work and Non-Work Trips.*
2:20 Veronique Van Acker, Ghent University; Frank J. Witlox*, Ghent University, *Commuting Trips within Tours: How is Land Use Related to Commuting ?.*
- 3447. Cyberinfrastructure-Applied Sciences (Sponsored by Cyberinfrastructure Specialty Group, Geographic Information Science and Systems Specialty Group)**
Room: *Empire Room #6, Westin, 7th Floor (Paper Session)*
ORGANIZER(S): Chaowei Yang, George Mason University; Robert Raskin, Jet Propulsion Lab
CHAIR(S): Bin Li, Central Michigan University
1:00 Peter K Bol, Professor, Harvard University; Benjamin Lewis, Harvard University; Weihe Guan, Dr.*, Harvard University, *The conceptualization and system design of AfricaMap - a spatial framework for Africa studies.*
1:20 Bin Li*, Central Michigan University, *Enabling Participatory GIS.*
1:40 Timothy L. Nyerges*, University of Washington, *Cyber-enabled Analytic-Deliberative Public Participation in Transportation Decision Making.*
2:00 John D. Evans*, NASA Geoscience Interoperability Office / Global Science & Technology, Inc.; Chaowei Yang, George Mason University, Joint Center for Intelligent Spatial Computing; Bin Zhou, George Mason University, Joint Center for Intelligent Spatial Computing; Jibo Xie, George Mason University, Joint Center for Intelligent Spatial Computing; Fuming Lin, George Mason University, Joint Center for Intelligent Spatial Computing; Karl Benedict, University of New Mexico, Earth Data Analysis Center; William Hudspeth, University of New Mexico, Earth Data Analysis Center; Goran Pejanovic, South Environmental and Weather Agency (Serbia); Slobodan Nickovic, World Meteorological Organization; William A. Sprigg, University of Arizona, Department of Atmospheric Sciences, *Enhancing Atmospheric Dust Modeling Through Interoperability and High-Performance Computing.*

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- 2:20** Benjamin P. Sigrist*, Salisbury University; Timothy Joyner, Louisiana State University; Julius Pasay, Wesleyan University; Justin VanderBerg, Michigan State University; Matthew Bampton, University of Southern Maine; Mark Swanson, University of Southern Maine, *A Data Model for Human Ecology Developed on Damariscove Island, Maine.*
- 3448. Coastal Environments III (Sponsored by Coastal and Marine Specialty Group, IGU Commission on Coastal Systems)**
Room: North Star Room #10, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Steve Namikas, Louisiana State University; Jean Taylor Ellis, NASA
 CHAIR(S): Harry M. Jol, University Of Wisconsin, Eau Claire
1:00 Sojan Mathew, Dr.; Robin Davidson-Arnott, Professor*, University of Guelph; Jeff Ollerhead, Professor, Mount Allison University, *Evolution of a sandy beach and dune system following breaching and overwash during a catastrophic storm: Greenwich Dunes, Prince Edward Island, 1935-2005..*
1:20 Patrick A. Hesp*, Louisiana State University; Michael Bitton, LSU, *Interrelationships between Beach and Foredune dynamics and vegetation..*
1:40 Paul A. Gares*, East carolina university, *Changes in Coastal Dune Topography on the Outer Banks of North Carolina.*
2:00 Chris Houser*, Texas A&M University; Stuart Hamilton, University of West Florida, *Post-hurricane barrier island recovery.*
2:20 Norbert P. Psuty*, Rutgers University; Tanya Silveira, Rutgers University, *Trend in Foredune Crestline Displacement, Fire Island National Seashore, 1976-2000.*
- 3449. Critical Geographies of Education III: Spaces of Exclusion, Power and Negotiation (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)**
Room: Defender Room #5, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Suzanna Klaf, Ohio State University; Ranu Basu, York University
 CHAIR(S): Claudia Hanson Thiem, University of Wisconsin-Madison
1:00 Jennifer Rogalsky*, SUNY - Geneseo, *"Urban Expeditions": Creating a new power sharing community space in/of learning.*
1:20 Yvonne Hung*, CUNY Graduate Center, *Education for Liberation and Spaces of Hope.*
1:40 Daniel Hammett*, University of Edinburgh, *Where Next? Perceptions of social and occupational (im)mobility amongst school leavers in Cape Town, South Africa.*
2:00 Mark Andrews, BEd*, York University, *Intersecting Spaces of Vulnerability: Special Education in Public Health Care Settings.*
- 3450. Governing the environment VII: The role of democracy in nature-society interactions (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)**
Room: Adams Room #2, Westin, 7th Floor (Panel Session)
 ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan
 CHAIR(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign
 Panelists: Sarah Whatmore, Oxford University; Bhaskar Vira, University of Cambridge; Leila Harris, University Of Wisconsin, Madison; Jesse Ribot, World Resources Institute; Arun Agrawal, University of Michigan; Dianne E. Rocheleau, Clark University; Sally Eden
- 3452. Urban Change and Regional Economic Development (Sponsored by Urban Geography Specialty Group, Regional Development and Planning Specialty Group)**
Room: Baltic Room #3, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Rajrani Kalra, Kent State University and University of Central Arkansas; Sudhir K. Thakur, California State University Sacramento
 CHAIR(S): George M. Pomeroy, Shippensburg University
1:00 Karl Siemsen*, University of Cincinnati, *Residential Tax Abatements in Cincinnati.*
1:20 Rajrani Kalra*, University of Central Arkansas, *Bengaluru: Rise of a high-tech nuclei?.*
1:40 Deb Ranjan Sinha*, Clark University, *Prosperity Without Pollution? A Critique of the Environmental Kuznets Curve Hypothesis.*
2:00 Carolyn Guo, Dr., University of Burgundy; Sandy Dallerba, Dr.*, University of Arizona, *The leading role of manufacturing in the regional economic growth in China: a spatial econometric approach of Kaldor's laws.*
2:20 Sudhir K. Thakur*, California State University Sacramento, *Regional Structure and Structural Changes in the Chilean Economy.*
- 3455. The Geography of Economic Evolution (Sponsored by Economic Geography Specialty Group)**
Room: Beacon A, Sheraton, 3rd Floor (Paper Session)
 ORGANIZER(S): Ronald V. Kalafsky, University of Tennessee; Murray Rice, University of North Texas
 CHAIR(S): Ronald V. Kalafsky, University of Tennessee
1:00 Ronald V. Kalafsky*, University of Tennessee, *New Strategies and Challenges: Canadian Manufacturers in the Chinese Market.*
1:16 Murray D Rice*, University of North Texas; Donald Lyons, University of North Texas, *One-Hit Wonders? The Ongoing Impact of Next Wave Firms on Canadian Regional Economies.*
1:32 Sean B. O'Hagan*, Nipissing University; Milford B. Green, University of Western Ontario; Murray Rice, University of North Texas, *American Corporate Directors and Educational Affiliations: A Geographical Analysis.*
1:48 Raf Verbruggen*, Loughborough University, *World City Networks in Late Medieval and Early Modern Europe: A Space-Time Approach to Globalisation.*
2:04 Tony Hernandez*, Ryerson University; Steve Webber, Ryerson University; Alan Hallsworth, University of Surrey, *Retail Planning and the Transformation of Commercial Activity in the Greater Golden Horseshoe Area.*

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2:20 Alan D. MacPherson, PhD*, University at Buffalo, SUNY,
*Outsourcing industrial design as an innovation
strategy: the case of the US electronics sector.*

3456. Scary Cities I: Fear and Public Space (Sponsored by Urban Geography Specialty Group)

Room: Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Stephanie J Simon, University of Kentucky;
Marcia R. England, Miami University

CHAIR(S): Marcia R. England, Miami University

1:00 Steve Herbert*, University of Washington, *"Pretty soon,
there's no where for you to go": On the experience of
being banished.*

1:20 Marcia R. England*, Miami University, *When the "bum's
rush" becomes Bumfights: Violent contestations of
public space.*

1:40 Leslie Kern*, York University, *The Shape of Fear:
Condominium Development in Toronto and the
Mobilization of Relations of Threat.*

2:00 Jeff May*, University of Toronto, *Night of the Living
Homeless.*

Discussant(s): Phil Hubbard, Loughborough University

3457. Methods and Frameworks for Supporting Hazards & Vulnerability Assessment (Sponsored by Hazards Specialty Group)

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Deborah Thomas, University of Colorado,
Denver

CHAIR(S): Timothy W. Collins, University of Texas - El Paso

1:00 Daanish Mustafa*, King's College, London, *Pinning Down
Vulnerability: From Narratives to Numbers.*

1:20 Timothy W. Collins*, University of Texas - El Paso,
*Marginalization/Facilitation: A Frame for
Comparative Understanding of Hazard Vulnerability.*

1:40 Wiley C. Thompson*, Oregon State University, *On Fire,
Up A Creek and Blown Away: An Assessment of Geo-
Information Employment During the 2005 Kashmir
Earthquake Relief Effort And Recommendations To
Improve Future Utilization.*

2:00 Dave Lemberg*, Western Michigan University, *Network
Algorithms and Cave Rescue.*

2:20 Richard Salkowe*, University of South Florida; Graham
A Tobin, PhD, University of South Florida; Jayajit
Chakraborty, PhD, University of South Florida, *The
Role of Political Influence in Presidential Disaster
Declarations and Turndowns.*

3458. The postsecular city I: theoretical perspectives on postsecular urbanism

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Justin Beaumont, University of Groningen;
Candice Dias, University of Groningen

CHAIR(S): Justin Beaumont, University of Groningen
Introducer: Justin Beaumont

1:05 Anni Greve*, Denmark, *Civic cohesion and sanctuaries for
coming to terms with modernity.*

1:20 Justin Beaumont*, University of Groningen; Candice Dias*,
University of Groningen, *Postsecular urbanism and
social justice.*

1:35 Paul Cloke*, University of Exeter, *Interconnecting Geo-
ethics and radical faith-based praxis in the post-
secular city.*

1:50 Angus Paddison, MA, PhD*, University of Nottingham;
Ronan Paddison, BA, PhD*, University of Glasgow,
*Public theology in urban Scotland: towards a political
theology critique.*

2:05 Chris Baker, Dr.*, William Temple Foundation and
Manchester Centre for Public Theology, University
of Manchester, *Seeking hope in the indifferent city -
faith-based contributions to spaces of production and
meaning-making in the postsecular city.*

3459. Spatial Analysis and Modeling: Theory and Applications (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Mark W. Horner, Florida State University
CHAIR(S): Ikuho Yamada, University of Utah

1:00 Eric M. Delmelle*, University of Idaho; Irene Cases, SUNY
Buffalo, *Space-Time Clustering of Hospital Patients in
Cali, Colombia.*

1:20 Qiang Cai*, Brown University, *Spatial filtering method in
disease mapping - a simulation study.*

1:40 Yongmei Lu*, Texas State University - San Marcos; Charles
Yorke, Texas State University - San Marcos, *How much
geomasking is too much?.*

2:00 Ikuho Yamada*, University of Utah; Ken R. Smith,
University of Utah; Cathleen D. Zick, University
of Utah; Lori Kowaleski-Jones, University of Utah;
Barbara B. Brown, University of Utah; Jessie X. Fan,
University of Utah, *Neighborhood Environments and
Obesity: A Comparison between Youth and Young
Adults to Assess Selection and Causal Influences.*

2:20 Wei Chen*, Department of Geography, Ohio State
University, *Visibility Frequency Analysis Based On
DEM.*

3460. (Un-)making sustainable cities and populations - the rolling out of a New Urbanism - Reflections on the New Urbanism 1

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Michele Raco, King's College London; Gesa
Helms

CHAIR(S): Gerry Mooney, The Open University (UK)

1:00 Elanor Warwick*, PhD Student, Kings' College London,
What's so new about New Urbanism?.

1:20 Crispian Fuller*, University of Warwick; Ruth Lupton,
Institute of Education, *Mixed Communities: A New
Approach to Spatially-Concentrated Poverty in
England.*

1:40 Allan D. Cochrane*, Open University, *Making up new
spaces of welfare: building sustainable communities.*

2:00 Gordon MacLeod*, University Of Durham; Joe Painter,
University of Durham, *Creating Sustainable
Communities: New Urbanism with a British Accent?.*

Discussant(s): Gesa Helms

3461. The Regional Studies Journal Annual Lecture: Meric S. Gertler's 'Rules of the Game: The Place of Institutions in Regional Economic Change'

Room: Beacon H, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Andy Pike, CURDS, Newcastle University

CHAIR(S): Andy Pike, CURDS, Newcastle University

Introducer: Andy Pike

Discussant(s): Susan M. Christopherson, Cornell University
Panelists: Meric S. Gertler, University of Toronto

3462. Geographies of Latin America, the Caribbean, and Hispanics in the US (Sponsored by Latin America Specialty Group, Ethnic Geography Specialty Group)

Room: Kent, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Jose R. Diaz-Garayua, Kent State University;
Luis D. Sanchez, Florida State University

CHAIR(S): Luis D. Sanchez, Florida State University

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1:00 Jose R. Diaz-Garayua*, Kent State University, *Minority Groups and Housing Values: A Local Variation Approach.*

1:18 Carlos J. Guilbe*, University of Puerto Rico, *New York Yankees vs Boston Red Sox Overseas; Identity and Nationality in the Caribbean.*

1:36 Ramon Luis Concepcion Torres*, Binghamton University (SUNY), *The Examination of the Puerto Rican Enclaves and their Personal Responses about their Migration, Settlement, and Assimilation in the Orlando MSA.*

1:54 Luis D. Sanchez*, Florida State University, *Central Florida: the New Battle Site for Puerto Rico's Political Status.*

2:12 Mark E Reisinger*, Binghamton University SUNY, *Valued Citizens or Post-Industrial Underclass: The Incorporation of Latinos in U.S. Cities.*

Discussant(s): Angel David Cruz Báez

3463. Urban Geography: Redevelopment

Room: Jefferson, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sarah Brinegar, Marshall University

1:00 Edith Tam*, Concordia University; Pierre Gauthier, Concordia University, *Disputed Post-Industrial Landscapes: Mapping built forms and development practices in Montréal's Saint-Henri.*

1:20 Steven Lang*, LaGuardia Community College-CUNY, *Economic Redevelopment, Community and Environmental Politics on the Urban Waterfront: New York City's Newtown Creek.*

1:40 Robert Amey*, Bridgewater State College, *Everything New is Old Again.*

2:00 Katie Himmelfarb*, Rutgers University, *Regulatory Frameworks and the Changing Role of Land: Urban Redevelopment in the State of New Jersey.*

2:20 Sarah Brinegar*, Marshall University, *Decline in Economic Segregation 1990-2000: Focus on the Cleveland Metropolitan Region.*

3464. Applied geostatistics

Room: Exeter, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Pierre Goovaerts, BioMedware; Ruth Kerry, Brigham Young University

CHAIR(S): Pierre Goovaerts, BioMedware

1:00 Sabine --- Grunwald, Associate Professor*, University of Florida; Gustavo M Vasques, Graduate Student, University of Florida; Nicholas B Comerford, Professor, University of Florida; Gregory L Brualand, Assistant Professor, University of Hawaii; Christine M Bliss, Scientist, Forest Service, *Integrative Geostatistical Analysis of Soil Carbon, Nitrogen and Phosphorus across a Large Subtropical Watershed.*

1:20 Jennifer McKinley*, Queens University Belfast; Dermot Smyth, Geological Survey of Northern Ireland, Colby House, Belfast, N. Ireland; Mike Young, Geological Survey of Northern Ireland, Colby House, Belfast, N. Ireland, *Use of geostatistics in the integration of multi-source geophysical and geochemical data: The Tellus Project.*

1:40 Eun-hye Enki Yoo*, University of Buffalo (SUNY); DaeJong Kim, University of Buffalo (SUNY), *Geostatistical accuracy assessment of public land value appraisal.*

2:00 Ruth Kerry*, Brigham Young University, Provo, Utah, USA; Vania Ceccato, Department of Urban Planning and Environment Royal Institute of Technology,

Stockholm, Sweden; Robert Haining, Department of Geography, University of Cambridge, U.K., *Spatial Analysis of Crime in the Baltic States: Comparing Approaches.*

2:20 Pierre Goovaerts*, BioMedware, *Geostatistical Analysis of Health Data: State-of-the-art and Perspectives.*

3465. Inside Journal Publishing II: Policies and Practices (Sponsored by European Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Berkeley, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Pauliina Raento, University of Helsinki; Oliver T. Coomes, McGill University

CHAIR(S): Pauliina Raento, University of Helsinki

Panelists: Derek H. Alderman, East Carolina University; Lawrence D. Berg, University of British Columbia; Dydia DeLyser, Louisiana State University; David H. Kaplan, Kent State University; James Derrick Sidaway, University of Plymouth

3466. Understanding the Middle East through differing scales and varying approaches (Sponsored by Middle East Specialty Group)

Room: Hampton A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Chad F. Emmett, Brigham Young University

CHAIR(S): Chad F. Emmett, Brigham Young University

1:00 Natalie K. Jensen*, University of South Carolina, *The political landscape of Jenin, Palestine 2000 and 2007.*

1:20 Alpan Risvanoglu*, University of South Carolina, *Breaking the code in Fikirtepe, Istanbul: Interpreting the landscapes of online representations..*

1:40 Patrick Vincent McGreevy*, American University of Beirut, *The "New Middle East," the Old Middle East, and the "Homeland": Relational Questions, Relational Delusions.*

2:00 Chad F. Emmett*, Brigham Young University, *The Varying Status of Women in the Islamic World.*

Discussant(s): Kyle Evered, Michigan State University

3467. Geographies of Cycling, Session I

Room: Hampton B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Phillip Gordon Mackintosh, Brock University; Glen Norcliffe, York University

CHAIR(S): Phillip Gordon Mackintosh, Brock University

1:00 Denver V Nixon, BSc, MES, MLIS*, University of Western Ontario, *Riding With Cars-- Cycling Sensory Experience and Environmental Justice.*

1:20 Lixia Mei*, Peking University, China; University of California, Los Angeles; Jici Wang, Peking University, China, *The Changing Geography of Chinese Bicycle Industry: Case of Tianjin Bicycle Cluster and Its Evolutionary Trajectory.*

1:40 Glen Norcliffe*, York University, *Global Supply Networks, Neoliberalism, and the State: The Case of the Canadian Bicycle Industry..*

3470. Sex and Gender in Election 2008: The Scene so Far (Sponsored by Sexuality and Space Specialty Group)

Room: Fairfax A, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Robert M. Vanderbeck, University of Leeds

CHAIR(S): Robert M. Vanderbeck, University of Leeds

Panelists: Glen Elder, University of Vermont; Laurie Essig, Middlebury College; Claire Elaine Rasmussen, University Of Delaware; Richard L. Morrill, University Of Washington; Lawrence Knopp, University of Minnesota-Duluth; Joni Seager, Hunter College

THURSDAY, APRIL 17**1:00 PM - 2:40 PM****3400****3:10 PM - 4:50 PM****3500****3471. Quaternary Environments of the Americas III: Tropics (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)***Room: Fairfax B, Sheraton, 3rd Floor (Paper Session)*ORGANIZER(S): Amy M. Bloom, Illinois State University;
David F Porinchu, Ohio State University

CHAIR(S): Martin R. Arford, Saginaw Valley State University

1:00 Sally P. Horn*, University Of Tennessee; Kenneth H. Orvis, University of Tennessee, *Fire History From Sedimentary Charcoal in Satellite and Emerald Ponds, Great Abaco Island, The Bahamas.***1:20** Terry McCloskey*, Louisiana State University; Kam-biu Liu, PhD, Louisiana State University; Faustino Chi, MSc, University of British Columbia, *A 7000-year Paleoenvironmental History from the Turneffe Atoll, Belize, Central America.***1:40** Ezgi Akpinar, PhD Candidate*, University of Cincinnati; Nicholas P. Dunning, Professor, University of Cincinnati; John G. Jones, Assistant Professor, Washington State University, *A Tale of Two Cities: Aguadas and the Fates of San Bartolo and Xultun.***2:00** Robert Dull*, University of Texas at Austin, Department of Geography and the Environment; Sabine Wulf, University of Texas at Austin, Institute for Geophysics, Department of Geography and the Environment; Kirk McIntosh, University of Texas at Austin, Institute for Geophysics; Paul Mann, University of Texas at Austin, Institute for Geophysics, *Late Quaternary Environmental Change in the Lake Nicaragua Basin.***2:20** Joshua Albritton*, University of Tennessee Knoxville; Sally P. Horn, University of Tennessee Knoxville, *Fire History from Soil Charcoal in Montane Rainforests of the Cordillera de Talamanca, Costa Rica.***3:10 PM - 4:50 PM****3502. Hurricanes IV: Paleotempestology and Emerging Proxy Records (Sponsored by Climate Specialty Group, Coastal and Marine Specialty Group, Paleoenvironmental Change Specialty Group)***Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)*ORGANIZER(S): Kam-Biu Liu, Louisiana State University;
Harry Williams, University of North Texas

CHAIR(S): Lisa M. Kennedy, Virginia Tech

3:10 Harry Williams*, University of North Texas; William Flanagan, University of North Texas, *Contribution of Hurricane Rita Storm Surge Deposition to Long-Term Sedimentation in Louisiana Coastal Woodlands and Marshes..***3:30** Kam-Biu Liu*, Louisiana State University; Carl A. Reese, University of Southern Mississippi; David Cochran, University of Southern Mississippi; Thomas Bianchette, Louisiana State University, *Sedimentary Record of Tropical Storm Gamma in the Coastal Lagoons of Eastern Honduras.***3:50** Thomas Anthony Bianchette*, Louisiana State University; Kam-biu Liu, Louisiana State University, *Hurricane-induced Sediment Deposition in Coastal Lakes: A Case Study from Bay Champagne, Louisiana.***4:10** Whitney L Kocis*, University of Tennessee; Henri D Grissino-Mayer, University of Tennessee; Claudia I Mora, University of Tennessee, *The tree-ring oxygen isotope hurricane proxy along the Atlantic and Gulf Coastal seaboards, USA: Defining storms and storm tracks from multiple sites.***4:30** Elizabeth J Johnson, M.S. Candidate*, University of Tennessee; Claudia I Mora, Professor, University of Tennessee; Henri Grissino-Mayer, Associate Professor, University of Tennessee, *Tropical cyclone activity recorded in tree-ring cellulose oxygen isotopes during the Maunder Minimum (1645-1715 A.D.).***3503. Governing Climate Change (session II): new politics, new discourses, new geographies (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)***Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)*ORGANIZER(S): Maxwell Boykoff, University of Oxford;
Harriet Bulkeley, University of Durham

CHAIR(S): Julian Agyeman, Tufts University

3:10 Harriet Bulkeley*, Tyndall Centre, Durham University; Heike Schroeder, Tyndall Centre, University of Oxford, *Global cities and the governing of climate change.***3:30** Jennifer L. Rice*, University of Arizona, *Local Climate Governance and Global Climate Change: The Case of the US Mayors Climate Protection Agreement.***3:50** Eva Gustavsson*, Centre of Urban and Regional Studies, Örebro University, Sweden; Mats Lundmark*, Centre for Urban and Regional Studies, Örebro University, Sweden, *Climate Change Mitigation and Economic Growth - Determinants for Local Level Climate Policy?.***4:10** Michael Hodson*, University of Salford; Simon Marvin*, University of Salford, *Secure Urbanism and Resilient Infrastructure: Reproducing Cities and the New Politics of Ecological Security.*

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4:30 Gordon Walker*, Lancaster University; Noel Cass, Lancaster University; Kate Theobald, University of Northumbria, *Carbon mitigation, renewable energy and the social shaping of technology trajectories*.
Discussant(s): Diana M. Liverman, University Of Oxford

3504. Global Dialogues on Emerging Science and Tehnology in Africa (GDEST 2008): Geospatial Sciences for Sustainable Development (Sponsored by Africa Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Room: Exeter Room, Marriott, 3rd Floor (Panel Session)
ORGANIZER(S): Lee R. Schwartz, U.S. Department of State
CHAIR(S): Lee R. Schwartz, U.S. Department of State
Panelists: Lee R. Schwartz, U.S. Department of State; Douglas Richardson, AAG Executive Director; Jerry Dobson, University of Kansas; Joshua Comenetz, U.S. Census Bureau; Nathan Heard, U.S. Department of State; Lowry Taylor, U.S. Department of State; John Kelmelis, US Geological Survey; Paul Bartel, U.S. Department of State
(see session description on page 22)

3505. National Research Council Study: Strategic Directions for the Geographical Sciences in the Next Decade

Room: Fairfield Room, Marriott, 3rd Floor (Panel Session)
ORGANIZER(S): Caetlin Ofiesh, National Research Council
CHAIR(S): Alexander B. Murphy, University of Oregon
(see session description on page 23)

3506. Research on Graduate Education in Geography: A Review and Discussion of Findings (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))

Room: Harvard Room, Marriott, 3rd Floor (Paper Session)
ORGANIZER(S): Beth Schlemper, University of Toledo; Michael N. Solem, Association of American Geographers
CHAIR(S): Beth Schlemper, University of Toledo
Introducer: Kenneth E. Foote
3:20 Michael N. Solem*, Association of American Geographers; Jenny Lee, co-author, University of Arizona; Beth Schlemper, co-author, University of Toledo, *Departmental climate and student experiences in graduate geography programs*.
3:40 Ivan Cheung*, Insurance Institute for Highway Safety; Michael Solem, The Association of American Geographers; Beth Schlemper, The Association of American Geographers, *Skills in Professional Geography: An Assessment of Workforce Needs and Expectations*.
Discussant(s): Janice Monk, University of Arizona; Beth Schlemper, University of Toledo; Nathan J. Sessoms, University of Southern California; Bradley Blumer, Michigan State University; Nick Hopwood, Oxford University
(see session description on page 23)

3507. Opportunities, Expectations and Challenges of Organizing Trans-Atlantic Conferences and Workshops in Africa (Sponsored by Africa Specialty Group)

Room: Brandeis Room, Marriott, 3rd Floor (Panel Session)
ORGANIZER(S): Abigail Amissah-Arthur, Slippery Rock University; Francis Owusu, Iowa State University
CHAIR(S): Abigail Amissah-Arthur, Slippery Rock University
Panelists: Abigail Amissah-Arthur, Slippery Rock University; Francis Owusu, Iowa State University; Kefa M. Otiso; Godson C. Obia, Eastern Illinois University

3508. Food, Glorious Food IV

Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Anne Donovan, Kansas State University
3:10 Ray Oldakowski*, Jacksonville University, *American Fast Food Restaurants in Guyaquil, Ecuador*.
3:30 Brian Fulfroost*, University of California, *Multi Method Approaches to Understanding the Role of Food Environments in Public Health and Community Wellness*.
3:50 Fernando Ona, Ph.D., M.P.H.*, Indiana University; Paula K. Jones, University of California, Santa Cruz, *From Assessing Geographic Health Disparities in Local Food Systems to Food System Actions: Lessons from San Francisco Food Systems*.
4:10 Jennifer L. Brackhan*, University of Kansas, *Restaurant Growth in Lawrence, Kansas, 1950 to 2005*.
4:30 Anne Donovan*, Kansas State University, *Creole Comeback: Mapping the Culinary Landscape of post-Katrina New Orleans*.

3509. Ethnic Geography Researchers 'Giving Back' (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)

Room: MIT Room, Marriott, 3rd Floor (Panel Session)
ORGANIZER(S): Carlos Teixeira, University of British Columbia Okanagan; Lawrence Estaville, Texas State University
CHAIR(S): Lawrence Estaville, Texas State University
Panelists: Ines M. Miyares, Hunter College; Joe T. Darden, Michigan State University; Ira M. Sheskin, University of Miami; John Frazier, Binghamton University; Stavros T. Constantinou, Ohio State University

3510. Locating the Military-Industrial Complex IV (Sponsored by Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group)

Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)
ORGANIZER(S): Patrick Vitale, University of Toronto; Matthew Farish, Department of Geography, University of Toronto
CHAIR(S): Patrick Vitale, University of Toronto
3:10 Jeffrey Sasha Davis*, University of Vermont, *The geographies of projecting and rejecting imperial power*.
3:30 Jamey Essex*, University of Windsor, *Food is Ammunition? US food aid and imperialism in Indonesia*.
3:50 Don Mitchell*, Syracuse University, *"Battle/Fields: Braceros, Agribusiness, and the Violent Transformation of the California Landscape*.
4:10 Robertson Allen*, University of Washington, *Manpower, Biopower, and the Army Game Project*.
Discussant(s): Deborah Cowen, University of Toronto

3511. Issues in Human Geography: Planning, Transportation and Medical

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Amy Sadler
3:10 jenny ainsworth*, Texas State Univeristy, *Perceptions of Commercial Redevelopment of Historic Properties in Urban Areas*.
3:15 Benjamin William Dauksewicz*, Graduate Student, *Rebuilding the Gulf Coast: Socioeconomic Impacts of Land Buyouts and Other Hurricane Damage Reduction Measures*.

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3:20 Jerry Platt*, University of Redlands; Marjo Mitsutomi, University of Redlands, *Spatial Properties of Linguistic Isolation*.

3:25 Hyun Joong Kim*, Pittsburgh State University, *Spatial-temporal analysis of urban growth in local communities*.

3:30 Benjamin W Heumann, M.Sc*, University of North Carolina; Daniel D. Moran, M.S., Global Footprint Network, 1050 Warfield Ave., Oakland, CA 94610 USA, *Mapping the Ecological Footprint of International Trade: Cartographic Issues*.

3:35 Jeff De Bellis*, UNC Greensboro, *Sharing the Canyon: Accommodating Bicyclists on the Zion Canyon Scenic Drive*.

3:40 Kurt G. Fuellhart*, Shippensburg University; Christopher J. Woltemade, Shippensburg University, *The evolution of air travel: reducing the friction of distance by becoming an elite flyer*.

3:45 Sherry A. Meyer, M.A.*, University of Wisconsin - Milwaukee, *Putting Multiple Chemical Sensitivity on the Map: policies, networks and communities*.

3:50 Amy Sadler*, University of Louisville, *Geographic Analysis of Cervical Cancer Incidence and Mortality in Appalachia and Kentucky*.

3:55 Megan Siranee Cogburn*, Syracuse University, *Mapping Prisoner Reentry: The Syracuse Justice Mapping Project*.

3512. People Of Color Navigate The Academy II (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Rupal Oza, Hunter College, CUNY; Punam Khosla, York University

CHAIR(S): Rupal Oza, Hunter College, CUNY

Panelists: Beverley Mullings, Queen's University; Rickie Sanders, Temple University; Punam Khosla, York University; Sanjukta Mukherjee, University of Toronto

3513. Urban Geography Plenary Lecture (Sponsored by Urban Geography Specialty Group)

Room: Simmons Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Robert W. Lake, Rutgers University; Eugene McCann, Simon Fraser University

CHAIR(S): Robert W. Lake, Rutgers University

Introducer: Robert W. Lake

Introducer: Eugene McCann

Discussant(s): Rachel Slocum; Susan Craddock, University of Minnesota

Panelists: Michael P. Brown, University of Washington

3514. Geographic Contributions to Agro-biodiversity Conservation III (Sponsored by Rural Geography Specialty Group, Biogeography Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kimberlee Chambers, Willamette University; Laurajean Rehmke Lewis, University of Maryland, Baltimore County

CHAIR(S): Laurajean Rehmke Lewis, University of Maryland, Baltimore County

3:10 Laurajean Rehmke Lewis, Ph.D.*, University of Maryland, Baltimore County, *Range dynamics and their implications for pearl millet populations in Sahelian Africa*.

3:30 F. L. (Rick) Bein, PhD*, Indiana University Purdue University at Indianapolis; Gilbert Nduru, PhD, Department of Geography, Moi University, Eldoret,

Kenya, *Interface of HIV-AIDS and Traditional Farming in East Africa*.

3:50 Leah Samberg*, University of California, Santa Cruz; Carol Shennan, University of California, Santa Cruz, *Changing Patterns of Agricultural Biodiversity in the Southern Highlands of Ethiopia*.

3515. Indigenous Tourism II (Sponsored by Recreation, Tourism, and Sport Specialty Group, Indigenous Peoples Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Lorri K. Krebs, Salem State College

CHAIR(S): Lorri K. Krebs, Salem State College

3:10 Geoffrey Wall*, University of Waterloo; Teresa Tao, Dr., University of Hong Kong, *Tourism as a Livelihood Diversification Strategy in an Aboriginal Community in Taiwan*.

3:30 Sailiemanu Lilomaiaava-Doktor*, University of Hawaii, *Indigenous Entrepreneurship: Beach Fale (hut) and Ecotourism in Samoa*.

3:50 Jeremy Buultjens*, Southern Cross University Australia, *Indigenous Tourism in Australia: An Overview of the Current Situation*.

Discussant(s): Steven Silvern, Salem State College

3516. Floods, Paleo-Floods and Sediment Transport in the American West

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Slattery, Texas Christian University

3:10 Michael L. Cline*, University of Arizona, *Paleoflood Hydrology of the Dolores River*.

3:30 Jared M. Beeton, Ph.D.*, Adams State College; Mark Bowen, University of Kansas, *Geomorphic Response to a High-Magnitude Flood Event along 8-Mile and Brush Hollow Creeks, Southern Colorado Front Range*.

3:50 Tara M. Plewa*, University Of South Carolina, *Fluvial Flow and Form: The Changing Physical History of the Santa Fe River, New Mexico..*

4:10 Michael Slattery, Professor*, Texas Christian University, *Constructing sediment budgets in the middle basins of the Brazos and Trinity Rivers, TX: An assessment of methods and challenges of scale*.

4:30 Mindy Conyers*, Texas State University, *The Spatial Variation of Bed Material Size and Shape in the Headwaters of the Animas River, Colorado, USA*.

3517. Democratization and Ethnography: Political Change Through Thick And Thin IV (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group)

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Clive Barnett; Craig Jeffrey, University of Washington

CHAIR(S): Craig Jeffrey, University of Washington

Panelists: Craig Jeffrey, University of Washington; Gillian Hart, University of California, Berkeley; Ron Johnston, University of Bristol; Nancy Postero, University of California, San Diego; Clive Barnett

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- 3518. Remote Sensing, GIS, and Geographical Research: A Special Panel Session in Memory of Dr. C. P. Lo (Sponsored by Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Xiaojun Yang, Florida State University
 CHAIR(S): Daniel Z. Sui, Texas A&M
3:10 Marguerite Madden, Center for Remote Sensing and Mapping Science (CRMS)
 Panelists: Ling Bian, SUNY At Buffalo; Hongmian Gong, Hunter College; Zhiyong Hu, University of West Florida; Nina Lam, Louisiana State University; Dale A. Quattrochi, NASA MSFC; Victor Mesev, Florida State University; Soe Win Myint, Arizona State University; Sunil Narumalani, University of Nebraska; Daniel Z. Sui, Texas A&M; Qihao Weng, Indiana State University; Xiaojun Yang, Florida State University; James B. Holt, CDC/ Centers for Disease Control

- 3519. Wine Regions I (Sponsored by Wine Specialty Group)**

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Percy H. Dougherty, Kutztown University of Pennsylvania
 CHAIR(S): Percy H. Dougherty, Kutztown University of Pennsylvania
3:10 Robert P. Sechrist*, Indiana University of Pennsylvania, *A Good Place for Vines: Preliminary Inventory of Colonial Vineyards.*
3:30 Deborah L. Elliott-Fisk, PhD*, University Of California - Davis, *Paso Robles AVA: Diverse Terroirs and New Appellations.*
3:50 Julia Kentnor*, University of Denver, *Producers on the Periphery: Rural Wine Cooperatives in Argentina.*
4:10 Tony B Shaw*, Brock University, *A Comparative Analysis of the Growing Season Conditions of Pinot Noir Wine Regions.*
4:30 Calanit Efrat Bar-Am*, UC Agricultural Issue Center, Geography Group UC Davis, *The Economic Effects of Climate Change on the Premium Wine Industry.*

- 3520. Urban Regeneration and Renewal**

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Kelly Webster
3:10 Pierre Gauthier*, Concordia University, *The City Invested: Building and Dwelling Practices and the Commodification of Real Estate in 19th century Québec?City.*
3:30 Graham Squires*, University of Manchester; Iain Deas, University of Manchester, *Dysfunctional neighbourhoods?: Beyond the renewal of housing markets in low demand neighbourhoods.*
3:50 Wouter PC Van Gent*, University of Amsterdam, *Pathologisation or a sound strategy? - workfarism and communitarianism and neighborhood regeneration in Western Europe.*
4:10 Shawn M Landry*, University of South Florida, *The Effect of Urban Redevelopment on Vegetation Cover: An Exploratory Analysis in Tampa, FL.*
4:30 Kelly Webster*, School of Geography, Planning and Environmental Policy, UCD Dublin, *Urban Regeneration in the Republic of Ireland: The Integrated Area Plan Approach.*

- 3521. Perspectives on Landscape**

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): James J. Hayes, Indiana University; Shanon Donnelly, University of Akron
 CHAIR(S): James J. Hayes, Indiana University
 Panelists: Kenneth R. Olwig, Swedish University Of Agricultural Sciences, Alnarp; Daniel C. Knudsen, Indiana University; Kimberly Medley, Miami University Ohio; Charles Greer; Anssi Paasi, University of Oulu; Brenden McNeil, University of Wisconsin

- 3522. From Airphotos to Hyperspectral Data: Imaging and Understanding our World**

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)
 ORGANIZER(S): Program Committee
 Ryan R. Jensen*, Brigham Young University; Perry J. Hardin, Brigham Young University; Mark W. Jackson, Brigham Young University, *Mixed Land Cover Percentages and Temperature in an Urban Area.*
 Nina V. Noujdina, M.A.* , Student; Leslie B. Smith, M.A., UC Davis; Susan L. Ustin, Ph.D., Department of Land, Air and Water Resources, UC Davis, *Mapping wetland vegetation in San Pablo Bay California using hyperspectral remote sensing.*
 Shirley T Tillman*, University of Minnesota Duluth, *Remote sensing of rip current: a case study of Park Point, Duluth, MN.*
 Michael Sayers*, Central Michigan University; Brian L. Becker, Ph.D, Central Michigan University, *MATLAB Band Optimization Strategies for Great Lakes Coastal Wetland Plant Signatures.*
 Jeong Chang Seong*, University of West Georgia; Yoon Soo Choi, University of Seoul, *Developing Image Matching Techniques with Local and Hierarchical Operators.*
 Nancy A Ritchey*, SSAI/ASDC, *Aerosol and Plume Height Measurements from Satellites for Air Quality Studies.*
 Yongming Cai*, University of Cincinnati, *Modis Data Restoration Using Fourier Analysis of Time Series.*
 Elisha Jasper Dung*, Dept. of Geography, Okstate, Stillwater, OK; Mahesh N Rao, Oklahoma State University, Stillwater, OK, *Estimating Carbon Sequestration in CRP Tracts in Texas County, Oklahoma, Using Century Model.*
 Brent Moats*, The Pennsylvania State University, *Landcover Change and the Urban Heat Island Effect in Atlanta, Georgia: A Remote Sensing Approach.*
 Isaac Anibal Tercero*, Clark University; John Rogan, Ph.D (Faculty Advisor), Clark University; Yelena Ogneva-Himmelberger, Ph.D (Co-Advisor), Clark University; Marcos Millones, Clark University; B.L. Turner II, Ph.D, Clark University, *Characterizing Forest Fragmentation in the Southern Yucatán Peninsular Region, Mexico: 1987 - 2005.*
 Evan A Ellicott*, University of Maryland - College Park; Eric Vermote, University of Maryland - College Park, *Estimating Global Biomass Burning Aerosol Emissions From Fire Intensity.*
 Feng Zhao*, Boston University; Miguel Roman, Boston University; Mitchell Schull, Boston University; Alan Strahler, Boston University; Curtis Woodcock, Boston University; Crystal Schaaf, Boston University; jicheng liu, Boston University; Glenn Newnhan, ENSIS, Australia; David Jupp, CSIRO, AU; Darius Culvenor, ENSIS, AU; Jenny Lovell, CSIRO, AU; Wenge Ni-Meister, Hunter college of CUNY; Shiyan Lee, Hunter College of CUNY; Xiaowen Li, Beijing Normal University; Tian Yao, Boston University; Xiaoyuan

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- Yang, Boston University; Qinglin Zhang, Boston University; Zhuoshen Wang, Boston University; Yanmin Shuai, Boston University, *Retrieval of the Leaf-Area Index and Foliage Profile of Forest Stands Using a Ground-Based Lidar Instrument (Echidna®)*.
- Joseph W. Bencloski, Indiana University of Pennsylvania; Stephen Tsikalas*, Indiana University of Pennsylvania, *A Landsat Digital Image Analysis of Lake Anna, Virginia, Thermal Properties*.
- Kevin S. Magee, M.A.*, University of Cincinnati; Li Zhou, B.S., University of Cincinnati, *A Remote Sensing Approach to Recording and Analyzing Ancient Southwest Rock Art.*
- Shazia Bee*, *Estimation of Water Quality Changes in the Region of Ohio River and Causes of Point Source Water Pollution*.
- Margarette Elliot*, Minnesota State University; Katherine Brosch; Donald Friend; Bryce Hoppie; Michael Merlini; Ginger Schmid; Forrest Wilkerson; Fei Yuan, *River Quality Monitoring Using Airborne Remote Sensing on the Blue Earth River, MN*.
- Andrew Johnston*, Smithsonian Institution, *Analysis of Urban Forest Cover Dynamics in Washington DC*.
- Qingling Wu*, Clark University, *An Exploration of the Geography and Dynamics of Atmospheric CO through Time Series Analysis of MOPITT Imagery*.
- Rhett L. Mohler*, Kansas State University, *Burned area mapping in tallgrass prairie using object-based classification of MODIS imagery*.
- Carey L Burda*, Western Carolina University, *Mapping existing river cane sites within Jackson Co, North Carolina using visible aerial photography*.
- Chi Zhaohui*, Ruru Deng, Geography and Planning School, Sun Yet-Sen University, *Highway subsidence detection in the Pearl River Delta using Interferometric Synthetic Aperture Radar*.
- Arvind A.R. Bhuta, M.S.*, Department of Geography, Virginia Tech; Candice R. Luebbering, M.S., Department of Geography, Virginia Tech; Andrew S. Foy, M.S., Department of Geography, Virginia Tech; James B. Campbell, Ph.D., Department of Geography, Virginia Tech, *Kite Photography and Image Enhancement for Estimation of Productive Ground Cover in Virginia's Pastures*.
- Tian Yao*, Boston University, Boston MA, USA; Xiaoyuan Yang, Boston University, Boston MA, USA; Alan H. Strahler, Boston University, Boston MA, USA; Curtis E. Woodcock, Boston University, Boston MA, USA; Crystal B. Schaaf, Boston University, Boston MA, USA; Ranga Myneni, Boston University, Boston MA, USA; Jicheng Liu, Boston University, Boston MA, USA; Glenn J. Newnhan, ENSIS, Australia; Darius S. Culvenor, ENSIS, Australia; David L.B. Jupp, CSIRO, Australia; Jenny L. Lovell, CSIRO, Australia; Wenge Ni-Meister, Hunter College of CUNY, New York, NY, USA; Shihyan Lee, Hunter College of CUNY, New York, NY, USA; Xiaowen Li, Beijing Normal University, Beijing, China; Boston University, Boston MA, USA; Feng Zhao, Boston University, Boston MA, USA; Qingling Zhang, Boston University, Boston MA, USA; Mitchell Schull, Boston University, Boston MA, USA; Miguel Roman, Boston University, Boston MA, USA; Zhuoshen Wang, Boston University, Boston MA, USA; Yanmin Shuai, Boston University, Boston MA, USA, *Retrieval of Forest Stand Parameters Using a Ground-Based Lidar Instrument (Echidna®)*.
- Amy Cohen, University of Miami; Douglas Fuller*, University of Miami, *Multi-resolution Analysis of Land Cover and Seasonality in Northern Hardwood Forests*.
- Lucas Rengstorff*, Missouri State University; Xin Miao, Ph.D., Missouri State University, *Classifying different types of impervious surfaces in an urbanizing community*.
- Jon Walkes*, Science Applications International Corporation (SAIC); Ann Krause, Science Applications International Corporation (SAIC), *Landsat User Characterization, Statistics, and Products*.
- Meaninch Andrew*, Michigan State University, *Understanding the Tasseled Cap Transformation for IKONOS*.
- Ming-chih Hung*, Northwest Missouri State University; Yi-Hwa Wu, Northwest Missouri State University; Tzu-How Chu, National Taiwan University, *Formosat-2 image to estimate urban land cover in Taipei, Taiwan*.
- David Korn*, National Snow and Ice Data Center, University of Colorado, Boulder; Ted Scambos, National Snow and Ice Data Center, University of Colorado, Boulder; Terry Haran, National Snow and Ice Data Center, University of Colorado, Boulder; Doug Fowler, National Snow and Ice Data Center, University of Colorado, Boulder; John DiMarzio, Stinger Ghaffarian Technologies, Inc., NASA/Goddard Space Flight Center; Jay Zwally, NASA/Goddard Space Flight Center, *Ice, Cloud, and land Elevation (ICESat) satellite Digital Elevation Models (DEMs) of Greenland and Antarctica*.
- Bulley N. N. Henry, Ph.D.*, University of Nebraska - Omaha; Michael P Bishop, Ph.D., University of Nebraska-Omaha; John F Shroder, Ph.D., University of Nebraska-Omaha; Umesh K. Haritashya, Ph.D., University of Nebraska-Omaha, *Object-Based Assessment of Supraglacial Lakes Changes in the Karakoram Himalaya using Spatial Metrics and Classification Tree Analyses*.
- Klaus J. Bayr*, Keene State College; Rosemary Gianno, Keene State College, *Semelai Agricultural Patterns Interpreted through Aerial Photographs of the "Operation Firedog" in Malaysia*.
- 3523. Your first job: Being hired and surviving the early years. Part II (Sponsored by Enhancing Departments and Graduate Education project (EDGE), Community College Affinity Group, Geography Education Specialty Group)**
Room: Grand Ballroom Salon H, Marriott, 4th Floor (Panel Session)
ORGANIZER(S): Bruce L. Seivertson, Imperial Valley College; Diana Casey, Muskegon Community College
CHAIR(S): Bruce L. Seivertson, Imperial Valley College
Panelists: Bruce L. Seivertson, Imperial Valley College; Kerry Lyste, Everett Community College; Diana Casey, Muskegon Community College; Angie Evans Wood, Blinn College; Tim E. Schultz, Green River Community College; Michelle D Seivertson
- 3524. The Institution that Divides and Excludes - China's Hukou System at 50 (Sponsored by China Specialty Group)**
Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Kam Wing Chan, University of Washington
CHAIR(S): Cindy Fan, UCLA
3:10 William Buckingham*, University of Washington; Kam Wing Chan, Dr., University of Washington, *Is China Abolishing the Hukou System?*
3:30 Mingjie Sun*, *Has the Relaxation of Hukou System Facilitated Permanent Migration in China?*

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3:50 Man Wang*, University of Washington, *Intra-urban Mobility and Housing Differentiation of Migrants in Wuhan, China - A Between and Within Group Comparison.*

4:10 Wenfei Winnie Wang*, University of South Alabama; Cindy Fan, University of California, Los Angeles, *New Migrants: A Cross-generational Comparison of Rural-urban Migration in China.*

Discussant(s): Carolyn L. Cartier, University of Southern California

3525. Human Impacts on Watershed Processes 4 - Fluvial Geomorphic Processes (Sponsored by Water Resources Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; William H. Renwick, Miami University

CHAIR(S): Chansheng He, Western Michigan University

3:10 James A Hyatt, Ph.D.*, Eastern Connecticut State University; Andrew H. Ivester, Ph.D., H I Solutions, Inc.; Kevin Bieler, student, Eastern Connecticut State University, *Developing a Sequence-Stratigraphic Model of Human-Induced Canyon Erosion in Southwest Georgia.*

3:30 Derek J. Martin*, Ozarks Environmental and Water Resources Institute - Missouri State University; Robert T Pavlowsky, PhD, Ozarks Environmental and Water Resources Institute - Missouri State University, *Historical and Present-day Channel Stability Assessment of Finley Creek, Missouri Using Historical Aerial Photography.*

3:50 Marc R. Owen, M.S.*, Missouri State University; Robert T. Pavlowsky, Ph.D., Missouri State University, *Historical Sediment Deposition on Floodplains of the James River, Southwest, Missouri.*

4:10 David S. Leigh, Professor*, University of Georgia, Athens, GA 30602; James Rogers, University of Georgia, Athens, GA 30602; Bradley Suther, Raleigh, NC 27608, *Hydraulic Geometry of Small Streams in the Southern Blue Ridge Mountains, Western North Carolina, USA.*

4:30 Joan L Florsheim, Ph.D.*, U.C. Davis, *Variations in Spatial Patterns of Sediment Erosion and Deposition in an Agricultural Landscape.*

3526. The Experiences of Immigrants and Refugees in North American Cities IV: housing and economic incorporation (Sponsored by Population Specialty Group, Canadian Studies Specialty Group, Ethnic Geography Specialty Group)

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Wei Li, Arizona State University; Carlos Teixeira, University of British Columbia Okanagan

CHAIR(S): Barry Halliday, Metropolis Project

3:10 Elizabeth Chacko*, The George Washington University; Marie D. Price*, George Washington University, *Immigrants and Entrepreneurship : Ethiopian and iBolivian Diasporic Networks in Washington.*

3:30 Su-Yeul Chung*, Western Illinois University; Seokhoi Yim, Daegu University, *Spatio-Temporal Dynamics of Ethnic Entrepreneurship: A Case Study of Korean Immigrants in Chicago IL PMSA, 1990 and 2000.*

3:50 Wei Li, PhD*, Arizona State University; lucia lo, phd, york univ, *Immigrant Financial Integration in the U.S. and Canada.*

4:10 Carlos Teixeira, Associate Professor*, University of British Columbia Okanagan, *Barriers and Outcomes in the Housing Searches of New Immigrants and Refugees: A Case Study of Black Africans in Toronto's Rental Market.*

Discussant(s): Barry Halliday, Metropolis Project

3527. Subversive cartographies 2

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Chris Perkins; Jorn Seemann, Louisiana State University

CHAIR(S): Jorn Seemann, Louisiana State University

3:10 Melina A Patterson*, University of Mary Washington; Stephen P Hanna, University of Mary Washington, *Subverting Civilization: Rethinking Atlases of World History.*

3:30 William Cartwright, PhD, EdD*, RMIT University, *Small Voices Magnified: Using Web 2.0 for Mapping Alternative Australian Viewpoints.*

3:50 Patricia McKeever, PhD*, University of Toronto; Susan Ruddick, PhD, University of Toronto, *Physically Disabled Children Map Neighbourhood Accessibility: Methodological Approaches.*

4:10 Phil Jones*, University of Birmingham; James Evans, University of Manchester; Jane Ricketts Hein, University of Birmingham, *"There is no community in Eastside": GPS tracks, walking interviews and stories of place.*

4:30 Sarah Elwood*, University of Washington, *Re-focusing on the visual politics and practices of grassroots GIS: Subversive potential and limits.*

3529. Exploring International Interdisciplinary Research Collaboration in the Americas (Sponsored by Conference of Latin Americanist Geographers)

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Patricia Solís, Association of American Geographers; David J. Robinson, Syracuse University

CHAIR(S): Patricia Solís, Association of American Geographers

3:10 Patricia Solís, PhD*, Association of American Geographers, *An Overview of International Research Collaboration among Geographers and Other Scholars of the Americas: Dimensions, Opportunities, and Best Practices.*

3:27 Arturo Sanchez-Azofeifa*, University of Alberta, *The Tropi-Dry Project: Building bridges across national, cultural, and disciplinary borders.*

3:47 Miguel Aguilar-Robledo*, Universidad Autonoma De San Luis Potosi, *The AGS México Indígena Project: US, Canadian and Mexican Geographers working together in Mexico.*

4:07 Zephyr Frank*, *Rendering Rio de Janeiro in the Nineteenth Century: Spatial History and Visualization.*

Discussant(s): Geraldo Wilson; Peter H. Herlihy, University of Kansas; Sidney Chalhoub; David J. Robinson, Syracuse University

(see session description on page 22)

THURSDAY, APRIL 17**3:10 PM - 4:50 PM****3500****3530. GIS, Modeling and Mapping Geography**

Room: Orleans Room, Marriott, 4th Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nancy A Brown

3:10 Chad King, M.S.*, Monterey Bay National Marine Sanctuary - NOAA; Andrew DeVogelaere, PhD, Monterey Bay National Marine Sanctuary - NOAA; Erica Burton, M.S., Monterey Bay National Marine Sanctuary - NOAA; Huff McGonigal, M.S., Monterey Bay National Marine Sanctuary - NOAA; Dave Clague, PhD, Monterey Bay Aquarium Research Institute; Jim Barry, PhD, Monterey Bay Aquarium Research Institute, *Using a Bathymetric Position Index to Develop Deep-sea Coral Seascape Associations and Support Resource Protection at the Davidson Seamount, California.*

3:15 Petra A. Zimmermann*, Ball State University, *Investigating the Role of Climate in Human Population Distribution.*

3:20 Isabel Maria Madaleno, PhD*, Portuguese Tropical Research Institute, *Water Resources Management In World Heritage Sites -Easter And Mozambique Islands.*

3:25 Maria Teresa Manrique*, Polytechnic University of Madrid; Monica Wachowicz, Polytechnic University of Madrid, *The development of an experimental approach for the generation of a usability hypothesis about the academic use of geo-information.*

3:30 Wanyun Shao*, University of Wyoming, *Planning policy of water quality in China: case study of Chongqing.*

3:35 Evelyn D. Ravuri*, Saginaw Valley State University, *Reassessing Ciudad Guayana, Venezuela as a Growth Pole, 1950 and 2001.*

3:40 Adalric Tuten*, University of Denver, *The European Neighborhood Policy, the Trans-European Transport Network, and Regional Development in the Southeastern Mediterranean.*

3:45 Bill Collins*, Texas State University-San Marcos; F. B. Zhan, Texas State University - San Marcos; Xuwei C Chen, Northern Illinois University, *Evacuation Microsimulation of Diurnal Population Distributions.*

3:50 Eric W. LaFary*, The University of Auckland, *Mapping coastal/estuarine ecosystems: science, ecosystems and people.*

3:55 Justin Procopio*, George Mason University, *An ecological landscape analysis of Presettlement Land Survey Records: How much of Fairfax County was burned by Native Americans?.*

4:00 Nancy A Brown*, *The Burning Issue: Deciphering fire regime and stand structure in California's Cupressus bakeri stands.*

3531. Passages of Pred Part 2 (Sponsored by Geographic Perspectives on Women Specialty Group, Qualitative Research Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Lisa Hoffman; Heather Merrill, Dickinson College

CHAIR(S): Rebecca Dolhinow, California State University Fullerton

3:10 Lisa Hoffman*, University of Washington Tacoma, *Situated Practices: Allan Pred and Professionalism in Urban China.*

3:25 Heather Merrill, Associate Professor of Geography*, Dickinson College, *In Other Wor(l)ds: Allan Pred and the production of gendered and racial categories in local and non-local spaces.*

3:40 Jessica Zacher*, CSU Long Beach, *The denial of racism and the racialization of urban spaces in children's worlds: Influences of Pred on an urban educational ethnography.*

3:55 Damani James Partridge, Assistant Professor*, University of Michigan, *Contesting European Racisms via Allan Pred.*

4:10 Cary Karacas*, University of California, Berkeley, *Terror Discourse, Terror Practice, and Tokyo's Multiple Destructions.*

3532. The Cultural Politics of Consuming Nature: Race, Place, Nation and Identity II (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Falmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Pablo Bose, University of Vermont; Stephanie Rutherford, York University

CHAIR(S): Pablo Bose, University of Vermont

3:10 Stephanie Rutherford*, York University, *Wolves and bison and bears, oh my! Capitalism, nature and ecotourism in two US national parks.*

3:30 Cheryl Morse Dunkley, Ph.D*, University of Vermont, *Wilderness and the Production of Civilized Identities.*

3:50 Bruce Erickson*, Faculty of Environmental Studies, York University, *Recreating History, Consuming Nature: Voyageur trips and the memory of the nation..*

Discussant(s): Kenneth Barrick; Pablo Bose, University of Vermont

3533. New Frontiers in the Knowledge Economy: Firms, Workers, Policy and Methodology II (Sponsored by Economic Geography Specialty Group)

Room: Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Yael Levitte, Cornell University; Sharmistha Bagchi-Sen, SUNY-Buffalo

CHAIR(S): Sharmistha Bagchi-Sen, SUNY-Buffalo

3:10 Pedro Marques*, PhD Student, *Power in Regional Innovation: Case Study of the Moulds Industry in Portugal.*

3:30 Stefan Weigel*, University of Berne, Institute of Geography, *Ivory tower or watering hole? Innovation-oriented interactions between a university hospital and the medical device industry..*

3:50 Namji Jung*, University of Sydney, Australia, *Informality and Socio-spatiality of Skill Formation: The Case of Online Game Workers.*

4:10 Yael Levitte*, Cornell University; Sharmistha Bagchi-Sen, SUNY-Buffalo, *Women in the Knowledge Economy - Voluntary or Non-Voluntary Leakage in Pipelines?.*

Discussant(s): Bjorn T. Asheim, University of Lund, Sweden

3534. Diasporas and homelands II: identities, practices and contestations (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Maine Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): William Jenkins, York University

CHAIR(S): William Jenkins, York University

3:10 Caroline Nagel*, University of South Carolina; Lynn A. Staeheli, University of Edinburgh, *Placing the ummah: notions of belonging, citizenship and locality among Arab-Muslim activists in the US and UK.*

3:30 Joanna C Long*, Queen Mary, University of London, *Rooting diaspora, reviving nation: Zionist landscapes of Palestine-Israel.*

3:50 Elizabeth Mavroudi*, Loughborough University, *Politicised Palestinian narratives of the homeland in diaspora.*

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4:10 Tamara Edyta West*, Manchester Metropolitan University, *Place, Identity and Memory in Polish Occupied Displaced Persons Camps in Postwar Europe.*

4:30 Danielle Drozdewski*, UNSW, *Exploring Polish cultural memory in diaspora.*

3535. The Political Economy of Livestock Industry II (Sponsored by Economic Geography Specialty Group)

Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Harvey Neo, National University of Singapore; Jacque L. Emel, Clark University

CHAIR(S): Jacob Brenner

3:10 Ian MacLachlan*, University Of Lethbridge; Ivan Townshend, University of Lethbridge, *Packinghouse Alchemy: From Commodity Cattle to Quality Assured Beef.*

3:30 Christopher Rosin, Research Fellow*, Centre for the Study of Agriculture, Food, and Environment; Hugh Campbell, Associate Professor, Centre for the Study of Agriculture, Food and Environment, *Is the grass(-fed) always greener? The evolving political economy of New Zealand's livestock industry.*

3:50 Deborah L. Che*, Kansas State University; Ted Cable, Kansas State University, *Prairie Dogs as Vermin or Keystone Species: The Battle Over Cattle Ranching Practices, Private Property Rights, and the Ecology of the Short-grass Prairie.*

4:10 Monica Argandona*, University of California, Riverside, *Cattle Ranchers and the New West.*

4:30 Harvey Neo, Dr*, National University of Singapore; Li-Hui Chen, Professor, College of Resource, Environment and Earth Science, Yunnan University, China, *From subsistence to intensification: the development of the pig industry in Yunnan, China.*

3536. Archival Films in Honor of Geoffrey J. Martin, Maynard Weston Dow & Nancy Freeman Dow [1930-2005]: Geographers on Film II: Several Notables (Sponsored by Association of American Geographers, AAG Archives and Association History Committee, History of Geography Specialty Group)

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Frederick E. Nelson, University of Delaware

CHAIR(S): Maynard Weston Dow, Plymouth State University

Discussant(s): Geoffrey J. Martin, Emeritus, Southern Connecticut State University; Maynard Weston Dow, Plymouth State University; Donald A. Friend, Minnesota State University; Donald C. Dahmann (see session description on page 21)

3537. On the Political and Territoriality I (Sponsored by Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Massachusetts Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Oliver Christian Belcher, University of Kentucky

CHAIR(S): Luna Vives

Panelists: John A. Agnew, University of California - Los Angeles; Patricia Ehrkamp, University of Kentucky; Susan Ruddick, University of Toronto; Lauren Martin, University of Kentucky

3538. Critical Geographies of Participatory Development in Transitional 'Post'-Conflict Environments (Sponsored by Developing Areas Specialty Group, Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Jennifer McCarthy, King's College London; Daanish Mustafa, King's College, London

CHAIR(S): Daanish Mustafa, King's College, London

3:10 Jennifer McCarthy*, King's College London, *Spaces of Power and Participatory Development in Afghanistan: A Case Study of the National Solidarity Programme and (Un)Changing Political Power Structures in Faryab Province.*

3:25 Arthur G. Green*, McGill University, *Land Title Questions in Aceh.*

3:40 Rukhe Zehra Zaidi*, King's College London, *Transforming Landscapes and Expanding Gendered Participation.*

3:55 Alexandria Niewijk, MPH, Yale Medical School*, University of Hawaii, *Foreign Aid Delivery in Areas of Conflict.*

4:10 Christopher D. Merrett*, Illinois Institute for Rural Affairs, Western Illinois University; Clara Escamilla, Universidad Autónoma de Querétaro; Carol Fimmen, Office of Global Education, Western Illinois University; John J. Gruidl, Illinois Institute for Rural Affairs, Western Illinois University; Nora Penangos, Universidad Tecnológica de la Selva; Winthrop Phippen, Department of Agriculture, Western Illinois University, *Participatory Rural Community Development in Post-conflict Chiapas, Mexico..*

Discussant(s): Maureen Hays-Mitchell, Colgate University

3539. The Body: Embodiment, Politics and Practice II (Sponsored by Sexuality and Space Specialty Group, Qualitative Research Specialty Group)

Room: St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Mathias Detamore

CHAIR(S): Mathias Detamore

3:10 Robyn Longhurst*, University of Waikato; Elsie Ho, University of Waikato; Lynda Johnston, University of Waikato, *Cooking 'at home' with migrant women in Hamilton, New Zealand.*

3:30 Lindsay Stephens*, University of Toronto, *Pushing the Boundaries of the Political: Bodies in the Contemporary Circus.*

3:50 Liana Vasseur*, University of Kentucky, *Embodying the border: Cuban migrants and the 'wet foot/dry foot policy'.*

4:10 James ichard Clarke*, University of Bristol, *Person Centred Planning?.*

Discussant(s): Natalie Oswin, National University of Singapore

3540. Energy and the political economy of capitalism II: Biofuels, carbon sinks, and land-use (Sponsored by Socialist and Critical Geography Specialty Group, Energy and Environment Specialty Group)

Room: St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Matthew Huber, Clark University; Diana Ojeda, Clark University

CHAIR(S): Matthew Huber, Clark University

3:10 Diana Ojeda*, Clark University; Saulo Araujo, Senior Fellow, Environmental Leadership Program, *The new green deal: the political ecology of agro-fuels production in Brazil.*

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3:30 Amy Glasmeier*, Pennsylvania State University, *Reap or Rape? The Quest for Renewable Energy and Its Implications for Rural Landscapes and Peoples.*

3:50 Tracey Osborne*, Energy and Resources Group, UC Berkeley, *Negotiating Development in the Carbon Market: A Case Study in Chiapas, Mexico.*

4:10 Michael K. Heiman*, Dickinson College, *The Inconvenient Truth of Neoliberal Global Carbon Offset Trading.*
Discussant(s): Dianne E. Rocheleau, Clark University

3541. Geographies of Media VII: Journalism (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: St. George D, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Jason Dittmer, University College London;

James Craine, California State University Northridge

CHAIR(S): James Craine, California State University Northridge

3:10 Peter D Howe*, Penn State, *The spatial distribution of news coverage within a metropolitan area: correlations with income and population.*

3:30 Sharon J Leahy, BA, MA*, National University of Ireland, Galway, *'The Other' in Televisual Space: An investigation of ethnic minority group discourse on Irish current affairs television..*

3:50 Kirsten A. Jones*, Rice University, *The Publics of the Blogosphere.*

4:10 Minelle Mahtani*, University of Toronto, *Diasporic Subjects and Mediating Images of Home: (Dis)Membering the Homeland Through Canadian Media Representations.*

4:30 Mike Gasher*, Concordia University, *Interrogating the News Value of Proximity.*

3542. Indigenous Methodologies: Collaborative Research Strategies Talking Circle (Sponsored by Indigenous Peoples Specialty Group)

Room: Essex North-West, Westin, 3rd Floor (Panel Session)

ORGANIZER(S): Renee Pualani Louis, University of Hawaii

CHAIR(S): Renee Pualani Louis, University of Hawaii

Panelists: Maree Hemmingsen, University of Canterbury; Puamiria Parata-Goodall, Ngai Tahu; Sarah Hemmingsen; Chels Marshall

3543. Non-Representational Geographies IV: Ontology

Room: Essex North-East, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): John-David C. Dewsbury, University Of Bristol; Derek McCormack, University of Oxford

CHAIR(S): John Wylie, University Of Exeter

3:10 Ian Shaw*, University of Arizona, *Chasing the Void.*

3:30 Keith Woodward*, University of Exeter; Sallie A. Marston*, University of Arizona; John Paul Jones*, University of Arizona, *On Autonomous Spaces.*

Discussant(s): Nigel Thrift

3544. Ecosystem Services: Communities and Stakeholders Roundtable

Room: Essex North-Center, Westin, 3rd Floor (Panel Session)

ORGANIZER(S): Herman Karl, United States Geological Survey

CHAIR(S): Herman Karl, United States Geological Survey

Panelists: Herman Karl, United States Geological Survey; Olivia Ferriter, US Department of the Interior

3545. Preparing the Future Workforce in Geographic Skills and Concepts

Room: Staffordshire, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christopher M. Keane, American Geological Institute

3:10 Claudia G Green, PhD*, Pace University, *The State of Geographic Knowledge among U.S. Business School Students: Don't Know Much About Geography?.*

3:30 Amy Work*, Institute for the Application of Geospatial Technology, *Incorporating Geospatial Technologies into 2-year and 4-year Colleges: The Non-Traditional Geospatial College Course.*

3:50 James A. Brey, Ph.D.*, University of Wisconsin-Fox Valley; Ira W. Geer, Ed.D., American Meteorological Society; Robert S. Weinbeck, Ph.D., American Meteorological Society; Joseph M Moran, Ph.D., American Meteorological Society; Elizabeth W. Mills, American Meteorological Society, *Promoting Geoscience Literacy and Workforce Development: An AMS/NOAA/NSF Partnership.*

4:10 Jaehyung Yu*, TEXAS A & M University-Kingsville; Thomas L McGehee, Texas A&M University - Kingsville, *A Strategic Outreach and Recruiting Approach for GIS Education: A Vertical Integration.*

4:30 Christopher M. Keane, Ph.D.*, American Geological Institute; P. Patrick Leahy, Ph.D., American Geological Institute, *Attitudes, Jobs, and the Future: Parallels for Geography and Geology.*

3546. Studies in Health and Social Policy I (Sponsored by Medical Geography Specialty Group, Regional Development and Planning Specialty Group)

Room: Parliament Room #1, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Vandana Wadhwa, Boston University

CHAIR(S): Vandana Wadhwa, Boston University

3:10 Kathi Wilson*, University Of Toronto; Mark W. Rosenberg, Queen's University, *Parallel or Conflicted Worlds? Comparing the use of Traditional and Alternative medicines between Aboriginal and non-Aboriginal People.*

3:30 Isabel Dyck, PhD*, Queen Mary, University of London, *Changing places: food, health and belonging in East London.*

3:50 Mark W. Rosenberg, Ph.D.*, Queen's University; Kathi Wilson, Ph.D., University of Toronto, *Examining contact with general practitioners: Have the determinants of access changed over time?.*

4:10 Amlan Banerjee, Cambridge Systematics; Jeana Frost, Patients Like Me; Katie Glodzik, Boston University; Joan Walker*, Boston University, *Individual-level models linking the built environment and nutrition.*

4:30 Vandana Wadhwa, Dr. *, University of Akron, *Ear to the Ground: AIDS Policy from the Ground-up.*

3547. Cyberinfrastructure-Spatial Web Portals (Sponsored by Cyberinfrastructure Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Empire Room #6, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Chaowei Yang, George Mason University; Robert Raskin, Jet Propulsion Lab

CHAIR(S): Eric Shook, University of Illinois at Urbana-Champaign

3:10 Eric Shook*, University of Illinois at Urbana-Champaign; Yan Liu, University of Illinois at Urbana-Champaign; Shaowen Wang, University of Illinois at Urbana-Champaign, *Publish/Subscribe Model for Integration of Cyberinfrastructure-Enabled Geospatial Services.*

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- 3:30** Haijun Zhu*, George Mason Univ.; Chaowei Phil Yang, George Mason University, *Interoperable Transportation Framework Service for Serving National and Virginia Transportation Data.*
- 3:50** Zhenlong LI*, Joint Center for Intelligent Spatial Computing, College of Science, George Mason University; Chaowei Yang, Joint Center for Intelligent Spatial Computing, College of Science, George Mason University; Wenwen LI, Joint Center for Intelligent Spatial Computing, College of Science, George Mason University; Jing LI, Joint Center for Intelligent Spatial Computing, College of Science, George Mason University; Qunying Huang, Joint Center for Intelligent Spatial Computing, College of Science, George Mason University; Xiaotang Zhou, Joint Center for Intelligent Spatial Computing, College of Science, George Mason University, *Earth Information Exchange Portlets: sharing the geospatial resources for Earth science and applications in an interoperable fashion.*
- 4:10** John M. Morgan*, Towson University, *OpenLayers: An Open Source Web Mapping Application.*
Discussant(s): Ming-Hsiang Tsou, San Diego State University
- 3548. Coastal Environments IV (Sponsored by Coastal and Marine Specialty Group, IGU Commission on Coastal Systems)**
Room: North Star Room #10, Westin, 7th Floor (Paper Session)
ORGANIZER(S): Steve Namikas, Louisiana State University; Jean Taylor Ellis, NASA
CHAIR(S): Mike Benedetti, UNC Wilmington
- 3:10** Karl F. Nordstrom*, Rutgers University; Nancy L Jackson, New Jersey Institute of Technology; Nicole A Raineault, Rutgers University, *Effects of Bulkheads on the Bay Shore of Fire Island National Seashore.*
- 3:30** Diane P. Horn*, School of Geography, Birkbeck College, University of London; Jillian Eldridge, School of Geography, Birkbeck College, University of London, *Flood vulnerability, planning policy and insurance risk in the Thames Gateway..*
- 3:50** Frank Hopf*, Texas A&M University; Bernard O. Bauer, University of British Columbia Okanagan; Mark Lorang, University of Montana; Douglas J. Sherman, Texas A&M University, *Quantifying sources of levee erosion on Georgiana Slough, Sacramento River Delta, California..*
- 4:10** Douglas J. Sherman*, Texas A&M University; Jean T Ellis, NASA; Lorenzo Cappietti, University of Florence; Enzo Pranzini, University of Florence; Per Luigi Aminti, University of Florence, *Storm-induced setup behind a detached breakwater, Marina di Pisa, Italy..*
- 4:30** Tanya Silveira*, Guia Marine Laboratory - Institute of Marine Research; Mafalda Carapuço, Troiaresort - Environmental Management Department; César Andrade, Faculty of Sciences - University of Lisbon; Francisco Andrade, Faculty of Sciences - University of Lisbon, *High frequency beach changes in a low-energy sand spit (Tróia, Portugal).*
- 3549. Neighborhood Scale Urban Research I (Sponsored by Economic Geography Specialty Group, Population Specialty Group, Urban Geography Specialty Group)**
Room: Defender Room #5, Westin, 7th Floor (Paper Session)
ORGANIZER(S): Michael Reibel, California State University
CHAIR(S): Michael Reibel, California State University
- 3:10** David O'Sullivan*, University of Auckland; Sean F. Reardon, Stanford University; Chad R. Farrell, University of Alaska at Anchorage; Stephen A. Matthews, Pennsylvania State University; Kendra Bischoff, Stanford University; Glenn Firebaugh, Pennsylvania State University, *Race and Space in the 1990s: Changes in the Geographic Scale of Racial Residential Segregation, 1990-2000.*
- 3:30** Lawrence A. Brown*, Ohio State University; Su-Yeul Chung, Western Illinois University; Michael Webb, Ohio State University, *Housing Foreclosures in Columbus Ohio: Where, Who, Why.*
- 3:50** Larry S. Bourne*, University of Toronto, *Exploring the Components of Neighborhood Change: A Canadian Example.*
- 4:10** Michael Reibel*, California State University; Moira E. Regelson, Yahoo! Inc., *Neighborhood Racial and Ethnic Geographies: Combining Composition and Transition Using Prediction Strength Clustering.*
- 3550. New Political Geographies of Disaster (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)**
Room: Adams Room #2, Westin, 7th Floor (Paper Session)
ORGANIZER(S): Kevin Grove, Ohio State University
CHAIR(S): Kevin Grove, Ohio State University
- 3:10** Heather Hollen Jones*, University of Oklahoma; Fred M. Shelley, University of Oklahoma, *Electoral Geography and Disasters in the Contemporary United States.*
- 3:30** Gabrielle Kruks-Wisner*, Massachusetts Institute of Technology, *Two Tsunamis: Disaster, Disaster Aid, and Local Government Performance.*
- 3:50** Ben Wisner*, Independent Scholar; Benjamin G Wisner, Independent scholar, *Between a Rock and a Hard Place: Climate Change and Economic Globalization.*
- 4:10** Kevin Grove*, Ohio State University, *Warming to capitalism: The biopolitics of insurance, security, and development in the age of global warming.*
Discussant(s): Lakshman Yapa, Pennsylvania State
- 3552. Ethical Political Ecology I (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: Baltic Room #3, Westin, 7th Floor (Panel Session)
ORGANIZER(S): Lisa Campbell, Duke University; Lucy Jarosz, University of Washington
CHAIR(S): Lucy Jarosz, University of Washington
Panelists: Kathleen O'Reilly, Texas A&M University; Lisa Campbell, Duke University; Petra Tschakert, Penn State University; Zoe A. Meletis, Duke University; Kevin St. Martin, Rutgers University; David Correia, University Of Maine, Farmington

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3555. The Changing Geographies of Agriculture and Food in East Asia (Sponsored by Rural Geography Specialty Group, Asian Geography Specialty Group)

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Aaron Kingsbury, University of Hawaii, Department of Geography, PhD Student; Amy Zader, University of Colorado, Boulder

CHAIR(S): Amy Zader, University of Colorado, Boulder

3:10 Aaron J. Kingsbury*, University of Hawai'i at Manoa, Department of Geography, East-West Center Degree Fellow.; Yosuke Maeda, University of Nagoya, Department of Geography.; Makoto Takahashi, University of Nagoya, Department of Geography., *Re-embedding the Slippery Local with the Contrived Rural: Case Studies of Vegetable Retail in the Urban Fringe of Nagoya, Japan.*

3:30 Po-Yi Hung*, University of Wisconsin - Madison, *Articulated Identities with Neoliberal Landscapes: Agricultural Transformation in Fataan, Taiwan.*

3:50 Yoshitaka Miyake*, University of Hawaii at Manoa, *Global Trade Liberalization and the Particular Spaces of Japanese Rice Production.*

4:10 Amy Zader*, University of Colorado, Boulder, *Quality Food, Quality People: Japonica Rice and the Discourse of Suzhi in China.*

3556. Scary Cities II: Fear of the Other (Sponsored by Urban Geography Specialty Group)

Room: Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Stephanie J Simon, University of Kentucky; Marcia R. England, Miami University

CHAIR(S): Stephanie J Simon, University of Kentucky

3:10 Bikki Tran*, Graduate Center, CUNY, *Embodied practices: An intersectional analysis of fear in public space.*

3:30 Benjamin N. Smith*, Florida International University, *Accommodating Bachelors in the United Arab Emirates?.*

3:50 Alec Brownlow*, DePaul University, *Rethinking women's fear under neoliberalism.*

4:10 Nick Schuermans*, K.U. Leuven, *Fear of crime, fear of the other and fear of the city: A geography of fear among middle class whites in post-apartheid Cape Town.*

Discussant(s): Steve Herbert, University of Washington

3557. Health, Hazards, and Keeping People Safe (Sponsored by Hazards Specialty Group)

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Deborah Thomas, University of Colorado, Denver

CHAIR(S): Ron R. Hagelman, Texas State University

3:10 Ron R. Hagelman, PhD*, Texas State University, *Geography of US Emergency Evacuations, 1995-2005.*

3:30 Heather Bell*, University of Miami, *Improving Flood Risk Communication: Lay Descriptions, Concerns and Suggestions.*

3:50 Jayajit Chakraborty*, University of South Florida, *Driving in the Sunshine State: Vehicular Toxic Emissions and Health Disparities.*

4:10 Susan M. Macey, Ph.D.*, The James and Marilyn Lovell Center for Environmental Geography and Hazards Research, Texas State University, *Hot and Deadly: An Analysis of Hyperthermia Related Deaths in Texas, 2000-2004..*

4:30 John P. Tiefenbacher*, Texas State University; Ron R. Hagelman, Texas State University-San Marcos, *Urban Evacuations 1985 to 2007.*

3558. The postsecular city II: locating religion in the postsecular city

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Justin Beaumont, University of Groningen; Candice Dias, University of Groningen

CHAIR(S): Candice Dias, University of Groningen

Introducer: Justin Beaumont

3:15 Richard J. Sutcliffe*, School of History, Heritage & Society, Deakin University, *Urban Voodoo: Practices of Magic in Modern Cities.*

3:30 Ronald Pate*, SCUPE, *The Transformation of the Megachurch for the Common Good: De-privatizing Personhood and Socializing Church Mission.*

3:45 Marcy Brink-Danan, Ph.D.*, Brown University, *Postsecular Peek-A-Boo: Performing Difference in Istanbul.*

4:00 David Gilbert*, Geography, Royal Holloway, University of London, UK, *Faith and Suburbia: Secularism and the New Suburban Studies..*

4:15 Claire Dwyer, Dr*, University College London, *Faith in Suburbia: diaspora spaces of worship.*

3559. SAM Graduate Student Paper Competition Session (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Edmund J. Zolnik, George Mason University

CHAIR(S): Edmund J. Zolnik, George Mason University

3:10 Yongwan Chun*, The University of Texas at Dallas, *Modeling Network autocorrelation within migration flows by spatial eigenvectors.*

3:26 Jamison F. Conley*, Pennsylvania State University, *Using Moment Invariants to Analyze Cluster Shapes and Hypothesize Potential Causes.*

3:43 Joni Downs*, Florida State University, *Network-based Kernel Density Estimation for Analyzing Point Patterns.*

4:00 Neeti Neeti*, Clark University; Ronald Eastman, Clark University; John Rogan, Clark University, *Modeling trends in phenological curve shape parameters using AVHRR-NDVI data.*

4:17 Peter Luciani*, Queen's University, *Evaluating the accuracy of the pixel-swapping algorithm for sub-pixel mapping..*

4:34 Matthew Mulbrandon*, University of Maryland, *An Agent Model of Household Location Resulting From Changes in Congestion Levels and Households Location Preferences.*

3560. (Un-)making sustainable cities and populations - the rolling out of a New Urbanism: The New Urbanism and Social Control 2

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Michele Raco, King's College London; Gesa Helms

CHAIR(S): Michele Raco, King's College London

3:10 Gesa Helms, Dr*, University of Glasgow; Jon Bannister, University of Glasgow, *Civilising Environments: the (Un)making of Spatial Determinisms in Urban Policy?.*

3:30 Gerry Mooney*, The Open University (UK); Alex Law, University of Abertay Dundee, Scotland, *'Problem Youth', 'Problem Places' and RemakingThe Urban Landscape: The Case of Contemporary Scotland.*

3:50 Joanna Sage*, Darren Smith, *Studentification and nurturing positive forms of social interaction.*

4:10 Thomas Buerk*, Humboldt University Berlin, *Contradictions in East Germany's small town new urbanism and its promotion of civil society?.*

Discussant(s): Gordon MacLeod, University of Durham

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- 3561. Session Title: The Consumer's Dilemma: Are Alternative Trade Regimes a Real Alternative? (Part I) (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group)**

Room: Beacon H, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): William G. Moseley, Macalester College

CHAIR(S): William G. Moseley, Macalester College

3:10 Andrew Riely*, *Is the USDA organic label generating enthusiasm among cattle ranchers?*.

3:30 Maria Grace Fadiman, PhD*, Florida Atlantic University, *Trick or Truth? Forest Stewardship Council (FSC) labeling in Zimbabwe Africa..*

3:50 Kirsten Valentine Cadieux*, Yale Program in Agrarian Studies, *Conspicuous Production: Performing Neoliberal Gardening Identities.*

4:10 Leslie Gray, Dr. *, Santa Clara University, *Alternative Movements in Global Cotton: Reconciling Environmental and Equity Concerns.*

4:30 Maria Papadakis, PhD*, James Madison University; Ben Merriman, James Madison University, *Consuming with a Conscience: The Relative Market Power of Alternative Corporate, Trade, and Marketing Regimes.*

- 3562. Geographies of Puerto Rico (Sponsored by Latin America Specialty Group, Ethnic Geography Specialty Group)**

Room: Kent, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Jose R. Diaz-Garayua, Kent State University; Ramon Luis Concepcion Torres

CHAIR(S): Ramon Luis Concepcion Torres

3:10 Eliezer Nieves-Rodriguez*, Departamento de Geografia, Universidad de Puerto Rico y el Instituto de Ciencias para la Conservacion de Puerto Rico (InCiCo), *Building wetland conservation awareness through environmental interpretation in the southwest region of Puerto Rico: the case of Patillas Community..*

3:28 Evelio Valeiras-Mini*, Departmen of Natural and Environmetal Resources, Coastal Zone Division, *Underwater corridors as an option to the fragmentation of marine natural spaces.*

3:46 Rogelio Gonzalez*, The University of Akron, *Site Suitability for the Puerto Rican Fishing Industry.*

4:04 Kevin A. Butler, Ab.D.*, The University of Akron, *Quantifying the Informal Economy of Puerto Rico.*

4:22 Angel David Cruz Báez, Professor and Chairman*, University of Puerto Rico; Angel David Cruz Báez, Professor and Chairman, University of Puerto Rico, *The Geography of Breast Cancer and the Medical Reform in Puerto Rico.*

Discussant(s): Carlos J. Guilbe, University of Puerto Rico

- 3563. Urban Planning & Redevelopment**

Room: Jefferson, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steven L. Drierer, University of Missouri

3:10 Emily Talen, Ph.D.*, Arizona State University, *The Next Best Thing in City Planning: Form-Based Codes and Where they Came From.*

3:30 Jacob Shell*, Syracuse University, *No-build: Twentieth Century Plans for Manhattan's Architecture of Production.*

3:50 Dorothy Ives-Dewey*, West Chester University, *Imagining New Towns: Exploring Suburban Town Center Development Planning.*

4:10 Laurel J. Hummel*, US Military Academy, *Remaking a Military Place: Adak, Alaska as Cold War 'White Elephant'.*

4:30 Steven L. Drierer*, University of Missouri, *Planning Mainstreet Redevelopment in Aging Suburbs: The Case of Overland Park, KS.*

- 3564. Fleming Lecture in Transportation Geography (Sponsored by Transportation Geography Specialty Group)**

Room: Exeter, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Richard L. Morrill, University Of Washington

CHAIR(S): Richard L. Morrill, University Of Washington

Introducer: John Bowen

3:15 T. R. Lakshmanan, PhD*, Boston University, *The Broader Economic Consequences of Transport Infrastructure Investments.*

Discussant(s): Kingsley E. Haynes, George Mason University

- 3565. Multiscale, Map, MAUP, and Scaling Issues**

Room: Berkeley, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Alex Brown, Clark University

3:10 Alex Brown*, Clark University, UMass-Lowell; Robert Gilmore Pontius Jr, Clark University, *Comparison of maps of vector valued variables to identify components of information in scaling of spatial resolution and encoding precision.*

3:30 Aniruddha Banerjee, Dr*, Prevention Research Center, *Is Geographic Scale Important? Algorithmic Information Theory and the Quest for Optimum Scale.*

3:50 Peter Hayward*, University of Connecticut, *The Modifiable Areal Unit Problem and Public Health: Implications and Future Directions.*

4:10 Rahul Ravikumar*, Texas A&M University; Hongxing Liu, Associate Professor, Texas A&M University; Lei Wang, Assistant Professor, Louisiana State University, *Multiscale Image Texture Analysis using Gabor Filter Bank.*

4:30 Wafo Tabopda Gervais*, IRD; Gervais Tabopda Wafo, IRD; Jean-Marie Fotsing, IRD; Kenji OSE, IRD, *The limits of the joint actions in the Waza national park. Identification using spatial analysis..*

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ORGANIZER(S): Program Committee

CHAIR(S): Carson Farmer, University of Victoria

3:10 Nicholas Nalepa*, University of Michigan-Dearborn; Jacob A Napieralski, Dr., University of Michigan-Dearborn, *The Role of Resolution and Contour Interval in Drumlin Delineation and Measurement.*

3:30 Charles W. Finkl*, Coastal Planning & Engineering; Jeffrey L. Andrews, Coastal Planning & Engineering; William Robertson, Coastal Planning & Engineering; Beth Forrest, Coastal Planning & Engineering, *Geomorphology of Barrier Reef Environments Interpreted from Laser Airborne Depth Sounding: Regionalization of the Florida Reef Tract in Southeast Florida.*

3:50 Shih-Chieh Chou*, National Space Organization; Chiung-Huei Huang, National Space Organization; Keter Yan, National Space Organization; Cynthia Liu, National Space Organization; Li-Hsueh Chang, National Space Organization; Frank Wu, National Space Organization; An-Ming Wu, National Space Organization, *Monitoring Polar Environmental Change Using FORMOSAT-2 Satellite.*

4:10 Yongwei Sheng*, UCLA Geography; Laurence C. Smith, UCLA Geography; Evan A. Lyons, UCLA Geography; Chintan A. Shah, UCLA Geography; Junli Li, UCLA Geography, *Mapping Global Lake Dynamics: Status, Progress, Challenges and Possible Solutions.*

4:30 Carson J Farmer*, Spatial Pattern Analysis & Research Lab, University of Victoria; Trisalyn T Nelson, PhD, Spatial Pattern Analysis & Research Lab, University of Victoria; Mike A Wulder, PhD, Pacific Forestry Centre, Canadian Forest Service, Natural Resources Canada; Chris Derksen, PhD, Climate Research Division, Climate Processes Section, Environment Canada, *Determination of Canadian Snow Regimes Using Spatial-Temporal Analysis Methods.*

3567. Geographies of Cycling, Session II**Room:** *Hampton B, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Phillip Gordon Mackintosh, Brock University; Glen Norcliffe, York University

CHAIR(S): Glen Norcliffe, York University

3:10 Phillip Gordon Mackintosh, PhD*, Brock University, *The Bicycle Gymkhana in Niagara-on-the-Lake: Comparing Haute Bourgeois Victorian and Neoliberal Conceptions of Public Space.*

3:30 Juan Torres*, Université De Montréal, *Riding Around! Cycling and the Environmental Experience of Children and Youth.*

3:50 Katrina Myrvang Brown, Dr*, Macaulay Land Use Research Institute; Keith Marshall, Dr, Macaulay Land Use Research Institute; Rachel Dilley, Dr, Macaulay Land Use Research Institute, *Claiming rights to rural space through off-road cycling.*

4:10 Jen Petersen, Ph.D. Candidate*, New York University, *The Changing Social Geography of Bicycling in Los Angeles and New York.*

Discussant(s): Peter Goheen, Queen's University

3570. Situating the Sage Handbook of Political Geography (Sponsored by Political Geography Specialty Group)**Room:** *Fairfax A, Sheraton, 3rd Floor* (Panel Session)

ORGANIZER(S): Murray M. Low, London School Of Economics; Jennifer Robinson, Open University

CHAIR(S): Kevin R. Cox, Ohio State University

Discussant(s): Kevin R. Cox, Ohio State University

Panelists: Merje Kuus, University Of British Columbia; Joe Painter, University of Durham; Rachel Silvey, U. of Toronto; Paul Robbins, University of Arizona

3571. Quaternary Environments of the Americas IV: Innovative Approaches (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)**Room:** *Fairfax B, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Amy M. Bloom, Illinois State University; David F Porinchu, Ohio State University

CHAIR(S): Amy M. Bloom, Illinois State University

3:10 Donald G. Sullivan*, University Of Denver; Lawrence Conyers, University of Denver, *Using Ground Penetrating Radar in Paleoenvironmental Research: Mapping Sediments and Optimizing Core Site Selection.*

3:30 Kevin P. Gilmore*, University Of Denver; Kyle J. Schlachter, University of Denver, *Determining the Validity of Geochemical Proxies from the Sediment Records of Small Wetlands in Eastern Colorado: Comparison of two lead-210 Dated Geochronologies with Historic Climate Records..*

3:50 Martin R. Arford*, Saginaw Valley State University; Kyle Schlachter, University of Denver; Jason Graham, University of Tennessee; Sally P Horn, University of Tennessee, *Evidence for a Local Fire Signal from Microscopic Charcoal in Lacustrine Sediments, Northwestern Costa Rica..*

4:10 David F Porinchu*, Ohio State University; Sally P Horn, Department of Geography, The University of Tennessee, *Distribution of Sub-fossil Midges in Costa Rican Lakes: Exploratory Paleolimnological Analyses.*

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5:20 PM - 7:00 PM**3602. Hurricanes V: Paleotempestology and Climate Change (Sponsored by Climate Specialty Group, Coastal and Marine Specialty Group, Paleoenvironmental Change Specialty Group)***Room:* Clarendon Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State University

CHAIR(S): Harry Williams, University of North Texas

5:20 Amy Frappier*, Boston College; Thomas Knutson, Geophysical Fluid Dynamics Laboratory/NOAA; Kam-biu Liu, Louisiana State University; Kerry Emanuel, Massachusetts Institute of Technology, *Emerging Research Opportunities in Tropical Cyclone-Climate Interactions at the Intersections of Paleotempestology and Tropical Cyclone Dynamics.*

5:40 Jonathan D Woodruff*, Woods Hole Oceanographic Institution; Jeffrey P. Donnelly, Woods Hole Oceanographic Institution, *Reconstructions of Tropical Cyclone Activity from Lagoons in the Western North Pacific.*

6:00 Phil Lane*, MIT/Woods Hole Oceanographic Inst; Jeff Donnelly, Woods Hole Oceanographic Institution, *Developing Multi-Millennial Records of New England Hurricanes from the Sedimentary Archives of Kettle Ponds.*

6:20 Katherine V Boldt*, Dartmouth College; Jeffrey P Donnelly, PhD, Woods Hole Oceanographic Institution; W Brian Dade, PhD, Dartmouth College, *An emerging regional stratigraphic record of landfall of intense hurricanes in southeastern New England.*

3603. Governing Climate Change (session III): new politics, new discourses, new geographies (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)*Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Maxwell Boykoff, University of Oxford; Harriet Bulkeley, University of Durham

CHAIR(S): Maxwell Boykoff, University of Oxford

5:20 Ian Bailey, Dr*, University of Plymouth; Sam Maresh, Chief of Staff, New South Wales Government, *Long markets and short change, or how market actors are running a coach and horses through international emissions trading regimes.*

5:40 Powells Douglas Gareth*, Durham University, *Multi-Scale, Entrepreneurial Energy Governance: Hybrid Niche Agencies in UK Energy Efficiency Policy.*

6:00 Robert Bailis*, Yale University, *Tracing Profits and Power in the Carbon Credit Commodity Chain.*

6:20 Maxwell Boykoff*, University of Oxford; Dave Frame, University of Oxford; Samuel Randalls, University College London, *How the discourse of 'climate stabilization' became and remains entrenched in climate science-policy/practice interactions.*

Discussant(s): Diana M. Liverman, University Of Oxford

3604. People, Places, and Hazards*Room:* Exeter Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kirstin Dow, University of South Carolina

5:20 Cody L. Knutson, Dr*, National Drought Mitigation Center, School of Natural Resources, University of Nebraska-Lincoln, *Tribal Drought Planning in the United States: With a Case Study of the Hualapai Tribe.*

5:40 Jenny Wrye*, Humboldt State University, *Communicating Tsunamis: Patterns in the educational sources of at risk areas in Humboldt County, CA.*

6:00 Frank Buonaiuto*, Hunter College; Haydee Salmun, Hunter College, *Nor'easters, New York's Other Storm System.*

6:20 Stephen Carson*, University of Binghamton, *Vulnerability Impacts Due to Climate Change in Suffolk County, New York.*

6:40 Kirstin Dow*, University of South Carolina, *Tracking drought impacts in the Carolinas.*

3606. Geographical Research in Canadian Studies (Sponsored by Canadian Studies Specialty Group)*Room:* Harvard Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): David Robertson, State University Of New York, Geneseo

CHAIR(S): David Robertson, State University Of New York, Geneseo

5:20 Alan Grove*, University of Cincinnati, *Melting into Shape: Reasserting Canadian Arctic Boundaries through Indigenous Territoriality.*

5:40 Heather N Nicol, Dr*, Trent University, *Canadian Political Geography for the 21st Century: Navigating the New Landscapes of Continental Division and Integration.*

6:00 Susan W. Hardwick, Professor*, University of Oregon, *Gendering the Transnational U.S. Diaspora to Canada.*

6:20 Sara Beth Keough, PhD*, Saginaw Valley State University, *Graduate Research in Canadian Studies: An Analysis of Trends.*

6:40 David Robertson, Associate Professor, Geography*, State University Of New York, Geneseo, *Canadian Studies and American Geography: State of the Area Studies Tradition.*

3607. Climate-Land Interaction in East Africa: The Effects of Land Use and Global Climate Change on Climate and Farming Systems (Sponsored by Africa Specialty Group, Climate Specialty Group, Human Dimensions of Global Change Specialty Group)*Room:* Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Jennifer Olson, Michigan State University

CHAIR(S): David J. Campbell, Michigan State University

5:20 Nathan Moore*, Michigan State University; Brent Lofgren, NOAA-GLERL; Jeffrey Andresen, Michigan State University; Gopal Alagarswamy, Michigan State University, *Modeling Relative Climate and Crop Impacts of LCLUC and CO2 in East Africa.*

5:40 Jiaguo Qi*, Michigan State University; Jiangjun Ge, Okalahoma State University; Nathan Moore, Michigan State University, *Sensitivity analysis of regional climate to land use/cover changes in East Africa.*

6:00 Sarah L Hession*, Michigan State University; Joseph Maitima, International Livestock Research Institute, Nairobi, Kenya; Nathan Moore, Michigan State University; Paul Obunde, Ministry of Agriculture and Rural Development, Nairobi, Kenya; Jean Palutikof, Hadley Centre for Climate Prediction & Research, United Kingdom; Jiaguo Qi, Center for Global Change and Earth Observations, Michigan State University, *Improved Understanding of Spatial Patterns in East African Climate Change.*

6:20 Jennifer Olson*, Michigan State University; Jeffery Andresen, Michigan State University; Gopal Alagarswamy, Michigan State University; Philip Thornton, International Livestock Research Institute, *The Impact of Climate Change on Agricultural Productivity and Rural Communities in East Africa.*

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6:40 David P. Lusch, Ph.D.*, Michigan State University,
*Supporting Middle-School Geography Teaching With
Google Earth - An East African Example.*

3608. Food, Glorious Food V

Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Adam Diamond, USDA

5:20 Kenji K. Oshiro*, Wright State University, *Agricultural
Trade Issues: Regulations and Flow of Agricultural
Commodity.*

5:40 Diana Stuart*, University of California Santa Cruz, *The
Political Ecology of E. coli Outbreaks from Industrially
Processed Produce.*

6:00 Pamela S Showalter*, Dir., James & Marilyn Lovell Ctr.,
Dept. of Geography, Texas State University; Sally
Caldwell, Associate Professor, Dept. of Sociology,
Texas State University, *Pocket Farm Potential.*

6:20 Emily Celia Sciarillo*, George Washington University,
*Urban Agriculture in Havana: Creating a Sustainable
Food Production System.*

6:40 Adam Diamond*, USDA, *Value Chains and Food
System Change: Smallholders and Alternative Food
Distribution Networks in the United States.*

**3609. The Geographies of Aging and Advanced Age (Sponsored
by Urban Geography Specialty Group, Transportation
Geography Specialty Group)**

Room: MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Tim Schwanen, Utrecht University

CHAIR(S): Tim Schwanen, Utrecht University

5:20 Maurizio Antoninetti*, San Diego State University,
*Retirement, everyday life, and context. A multi-method
study on the experiences of a group of active retirees..*

5:40 Pat Burnett*, Department of Economics, Massachusetts
Institute of Technology, *The contemporary mobilities
of older adults.*

6:00 Giulietta Fadda*, Universidad de Valparaíso; Alejandra
Cortés, Arch., Universidad Técnica federico Santa
María; Alessandra Olivi, Antrop., Universidad de
Valparaíso, *The incidence of the morphology of the
city of Valparaíso on the Quality of Life of the elderly
people.*

6:20 Irene Hardill*, Nottingham Trent University, *Growing
old in rural England: challenges for public service
delivery.*

Discussant(s): Susan Lucas, Edinboro University of Pennsylvania

**3610. Antipode Lecture: Laura Pulido, "Black/Latino Relations
and White"**

Room: Suffolk Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Melissa W. Wright, Penn State University

CHAIR(S): Melissa W. Wright, Penn State University

Panelist: Laura Pulido

3611. Land Use: Exploration and Classification

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Raymond Watts, United States Geological Survey

5:20 Geraldo Silva*, University of Florida, *Agrodiversity
loss and recovery: peanut management by a Tupian
Amazonian tribe..*

5:25 Francisco Mahmut Hazera*, University of Richmond;
David Salisbury, PHD, University of Richmond,
*A Qualitative Analysis of Illegal Logging Road
Expansion in the Central Borderlands of Peru.*

5:30 Doug R. Oetter*, Georgia College & State University;
Monica Estela Melgar, Universidad Católica de Salta,
*Characterization of Competing Spatial Development
Strategies in Salta, Argentina.*

5:35 Malinda Van Sledright*, Western Michigan University;
James Penn, PhD, Grand Valley State University,
Spatial Distribution of Aguaje in the Peruvian Amazon.

5:40 Chen-Chieh Feng*, Geography, National University of
Singapore; Yi-Chen Wang, National University of
Singapore, *Visualizing research trend in land-use land-
cover change studies.*

5:45 Raymond Watts*, United States Geological Survey;
Carol Mladinich, United States Geological Survey,
*Quantifying the Loss of Open Space Along the Front
Range of Colorado, 1937 to 1997.*

5:50 Jill Hunter*, Eastern Kentucky Environmental Research
Institute; Alice Jones, PhD, Eastern Kentucky
Environmental Research Institute, *"Rapid
Reconnaissance": A technique for low-cost, high-
resolution land use ground-truthing.*

**3612. People of Color and The Academy: The challenges and issues
that graduate students of color face in geography(social
sciences)**

Room: Tufts Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Dewitt King, University of California, Santa
Barbara

CHAIR(S): Dewitt King, University of California, Santa Barbara

Introducer: Dewitt King

Panelists: Dorris Scott, Kent State University; Tricia Ruiz,
University of Washington; Kafui Attoh, Syracuse
University; Liana Vasseur, University of Kentucky;
Dewitt King, University of California, Santa Barbara

3613. John Fraser Hart: Past, Present and Future

Room: Simmons Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Susy Svatek Ziegler, University of Minnesota
- Minneapolis; John C. Hudson, Northwestern
University

CHAIR(S): John C. Hudson, Northwestern University

Introducer: John C. Hudson

Panelists: Douglas Richardson, AAG Executive Director; Thomas
J. Baerwald, National Science Foundation; Phil
Gersmehl, New York Center for Geographic Learning;
John C. Hudson, Northwestern University; Susy Svatek
Ziegler, University of Minnesota - Minneapolis; John
Fraser Hart, University of Minnesota - Minneapolis

**3614. Geographic Contributions to Agro-biodiversity Conservation
IV (Sponsored by Rural Geography Specialty Group,
Biogeography Specialty Group)**

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Kimberlee Chambers, Willamette University;
Laurajean Rehmke Lewis, University of Maryland,
Baltimore County

CHAIR(S): Kimberlee Chambers, Willamette University

5:20 Kimberlee J Chambers, PhD*, Willamette University,
*Geographic Influences on Maize Seed Exchange in the
Bajío, Mexico.*

5:40 Nurcan Atalan-Helicke*, Ohio State University, *Landraces
and Turkey's new Seed Law: Threats and opportunities
amid too many uncertainties.*

6:00 Tevis Garrett Graddy*, University of Kentucky,
*Conservation via Circulation: Seed Savers, Knowledge
& Place.*

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- 6:20** Gary Paul Nabhan, Ph.D.*, Northern Arizona University, *Retracing Vavilov through the center of agrobiodiversity*.
- 6:40** Sarah Barber, M.Sc. candidate*, UC Davis, *On-Farm Genetic Resource Management: A multidisciplinary study of common bean (*Phaseolus vulgaris* L.) diversity in a Mesoamerican center of domestication*.
- 3615. Tourism and Economic Geography (Sponsored by Economic Geography Specialty Group, Recreation, Tourism, and Sport Specialty Group)**
Room: Regis Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Dimitri Ioannides, Missouri State University
 CHAIR(S): Dimitri Ioannides, Missouri State University
- 5:20** Dimitri Ioannides*, Missouri State University, *Searching for a Framework for Modeling the Regional Impacts of the Experience Economy*.
- 5:40** Yuko Aoyama*, Clark University, *Manufacturing Tourism in Southern Spain*.
- 6:00** Susan M. Walcott*, University of North Carolina-Greensboro, *Commodifying Culture in Bhutan: Tourism as an Economic Development Tool*.
- 6:20** Keith Debbage, Professor*, University of North Carolina - Greensboro; Suzanne Gallaway, University of North Carolina at Greensboro, *Global Tourism Business Operations: Theoretical Frameworks and Key Issues*.
- 6:40** Abigail Foulds*, University Of Kentucky, *The Role of Foreigners in Tourism Development in Granada, Nicaragua*.
- 3616. Online Geographies: Commerce and Community**
Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jessie P. Poon, University at Buffalo-SUNY
- 5:20** Limin Fang*, University of Toronto, *The Geography of E-commerce - a Canadian case*.
- 5:40** Monica Stephens*, University of Arizona; Sandy Dallerba, University of Arizona, *Craigslist and Community Trading: a spatial econometric estimation of Craigslist popularity*.
- 6:00** Eric J. Gordon, Ph.D.*, Emerson College; Gene Koo, JD, Berkman Center for Internet and Society, Harvard Law School, *Placeworlds: Using Virtual Worlds to Foster Civic Engagement*.
- 6:20** Molly Holmberg*, Dept. of Geography, University of Colorado - Boulder, *That Good Country Air: The emergence of rural community wireless networks in the United States*.
- 6:40** Jessie P. Poon, Professor*, University at Buffalo-SUNY, *The Internet Highway and Religious Communities: Mapping and Contesting Spaces in Religion On-line*.
- 3617. Iraq: problems and prospects (Sponsored by Political Geography Specialty Group, Middle East Specialty Group)**
Room: Grand Ballroom Salon B, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Carl T. Dahlman, Miami University
 CHAIR(S): Carl T. Dahlman, Miami University
 Panelists: Jason Dittmer, University College London; Shannon O'Lear, University Of Kansas Geography Department; Kyle Evered, Michigan State University; Carl T. Dahlman, Miami University; Colin Flint, University of Illinois; Derek Gregory, University of British Columbia at Vancouver
- 3618. Latinos in the American South: New Southerners in a New South? (Sponsored by Study of the American South SG, Southeastern Geographer, Ethnic Geography Specialty Group)**
Room: Grand Ballroom Salon C, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Derek H. Alderman, East Carolina University; Rebecca Torres, University of Texas at Austin
 CHAIR(S): Rebecca Torres, University of Texas at Austin
 Panelists: Sarah A. Blue, Northern Illinois University; Altha J. Cravey, University Of North Carolina; Anita Drever, University of Tennessee; E Jeffrey Popke, East Carolina University; Heather Anne Smith, University of North Carolina at Charlotte; Jamie Winders, Syracuse University
- 3619. Wine II: European Wine Regions (Sponsored by Wine Specialty Group)**
Room: Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Percy H. Dougherty, Kutztown University of Pennsylvania
 CHAIR(S): Percy H. Dougherty, Kutztown University of Pennsylvania
- 5:20** Denyse Lemaire, Ph.D.*, Rowan University, *Is the European Wine Industry in Crisis?*.
- 5:40** Joachim Willms*, Tourism Futures Institute & Merkur University for Applied Sciences, *Geography o European Wine Tourism Innovations*.
- 6:00** Percy H. Dougherty*, Kutztown University of Pennsylvania, *Terroir vs. the Winemaker in Producing Killer B's in Piedmonte, Italy*.
- 6:20** David Richard Green, Senior Lecturer*, University Of Aberdeen, *Liquid Geography: The Geography of Vine and Wine*.
- 3622. Biogeography: Floral and Faunal Dispersal, Vegetation Dynamics and Temporal and Spatial Variability**
Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)
 ORGANIZER(S): Program Committee
 Nicholas Dunning, University of Cincinnati; David Lentz, University of Cincinnati; Rob Griffin, Penn State University; Ezgi Akpinar, University of Cincinnati; Andrew Miller, University of Cincinnati; Chris Carr, University of Cincinnati; Jasmine L Prater*, University of Cincinnati, *Paleoenvironment and Land Use at San Bartolo*.
- Jessica D. Slayton*, University of Tennessee; Henri D. Grissino-Mayer, University of Tennessee, *Disentangling the Effects of Wildfires from Climate Response in Ponderosa Pine (*Pinus ponderosa*), Central Idaho, USA*.
- Laura E Martin*, Departments of Ecosystems Management/ Horticulture, Texas A&M University; Amanda B Young, Department of Geography, Texas A&M University; David Cairns, PHD, Department of Geography, Texas A&M University; Charles Lafon, PHD, Department of Geography, Texas A&M University; Jon Moen, PHD, Department of Ecology and Environmental Science, Umeå Universitet, Sweden, *North Atlantic Oscillation Influences on Tree Ring Widths of Scots Pine (*Pinus sylvestris*) in Northern Sweden*.
- Karen S. Eisenhart*, Edinboro University of Pennsylvania; Mark Peterson, Edinboro University of Pennsylvania; Cynthia E. Rebar, Edinboro University of Pennsylvania, *Predicting impacts of natural versus anthropogenic disturbance on rodent communities of piñon-juniper woodlands in southwestern Colorado*.

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- M. Thomas Auer*, Department of Geography, Penn State University, *Mapping Data Specific Avian Distributions Utilizing Cartographic Generalization Operators.*
- Jennifer Franks*, University of Guelph; Ze'ev Gedalof, University of Guelph, *Effect of Stand Structure and Composition on the Growth-Climate Signal of Quercus Garryana.*
- Matt Kachelman*, University of North Alabama; Justin Hart, University of North Alabama, *Climate-growth relationships of eastern hemlock at its southern limit in Alabama.*
- Linda S. Jones, PhD*, Southwest Minnesota State University; Lesley S. Rigg, PhD, Northern Illinois University, *Composition, structure, and vegetation dynamics of a white oak woodland in northern Illinois.*
- Christopher M. Gentry*, Indiana State University; James H. Speer, PhD, Indiana State University, *Dendroecological Analysis of Pinus palustris (Longleaf Pine) in the Angelina National Forest and Big Thicket National Preserve, TX.*
- Joni Corbin*, University of Alabama; Michael K. Steinberg, PhD, University of Alabama, *Distribution and Conservation Status of Remaining Old-Growth Forests in the Southeast United States.*
- Lesley E. Davy, MSc Candidate*, University of Guelph; Ze'ev Gedalof, Associate Professor, University of Guelph, *The Influence of Soil Moisture Dynamics on Competitive Interactions in an Invaded Garry Oak (Quercus garryana) Savanna.*
- Emily D. Yates*, Chicago Botanic Garden; Pati Vitt, PhD, Chicago Botanic Garden, *Assessing Shifts in Rare Grassland Plant Species' Geographic Distributions in Response to Climate Change.*
- Teri Jacobs*, Graduate Student, University of Cincinnati, Ohio, *Red Wolf Habitat Assessment of the Daniel Boone National Forest.*
- Tara Noah*, Texas State University Student; Gamma Theat Upsilon, *Possible Habitat for the Large-Fruited Sand Verbena.*
- Anne M. Trainor*, University of North Carolina - Chapel Hill; Aaron Moody, Ph.D., University of North Carolina - Chapel Hill; Jeff Walters, Ph.D., Virginia Polytechnic Institute and State University, *Influence of Landscape Characteristics on Long Distance Dispersal Events for Red-cockaded Woodpecker (Picoides borealis).*
- Lisa M. Kennedy, PhD*, Virginia Tech; James B. Campbell, PhD, Virginia Tech; Arvind A.R. Bhuta, MS, Virginia Tech, *Aerial Photography and Dendrochronology Applied to Historical Vegetation Change in a Southern Appalachian Grass Bald: Instructional Collaboration to Enhance a Graduate Research Experience.*
- David Goldblum*, Northern Illinois University; Lesley Rigg, Northern Illinois University, *Projected climate change and pollution impact on sugar maple populations, Ontario, Canada.*
- Shannon McCarragher*, Northern Illinois University; David Goldblum, Northern Illinois University, *The Effect of Temperature on the Germination and Subsequent Growth Rates of Sugar Maple (Acer saccharum) Samaras Collected from the Northern, Central, and Southern Portions of its Range.*
- W. Wyatt Oswald*, Emerson College; David R. Foster, Harvard University, *Late-Holocene History of Coastal Ecosystems of New England and New York.*
- Sara F. Nicholson*, University of Southern Mississippi; Carl A. Reese, Ph.D., University of Southern Mississippi, *Vegetation Reconstruction in Perry County,*

Mississippi: An Investigation of Land Management Impacts.

- Lynn Resler*, Virginia Tech; Sharolyn Anderson, University of Denver, *Characterization of Seedling Microsites at Two Northern Rocky Mountain Treelines.*
- Ian Corbett Feathers*, Laboratory of Tree-Ring Science, Department of Geography, University of Tennessee; Christine Biermann, Department of Geography, University of Tennessee; Henri D. Grissino-Mayer, Laboratory of Tree-Ring Science, Department of Geography, University of Tennessee, *Development of a Reference Chronology of Yellow Pine, Gregory Ridge Trail, Great Smoky Mountains National Park, U.S.A..*
- James T. Dietrich*, Texas State University-San Marcos, *A new technique combining remote sensing and GIS tools to analyze repeat photography from Glacier National Park, Montana.*
- Amos Adam Desjardins*, Virginia Tech; Lynn Resler, Virginia Tech, *Characterizing spatial-temporal patterns of phenology at alpine treeline in Glacier National Park.*
- John D. Waldron*, University of West Florida; Weimin Xi, Texas A&M University; Charles Lafon, Texas A&M University; David Cairns, Texas A&M University; Maria Tchakerian, Texas A&M University; Andrew Birt, Texas A&M University; Robert Coulson, Texas A&M University; Kier Klepzig, USDA Forest Service, *Modeling effects of multiple disturbance interactions on long-term forest changes in the Southern Appalachian Mountains.*
- Justin Lee Roberson*, University of South Carolina, *Bird Species Prediction Modeling: A Comparison of Multiple Modeling Techniques at Francis Marion National Forest in South Carolina.*
- Ethan E. Frost*, University of Delaware, Department of Geography; Delphis F. Levina Jr., University of Delaware, Departments of Geography and Plant and Soil Science; Cort J. Willmott, University of Delaware, Department of Geography and Center for Climatic Research, *Variability of throughfall inputs in a southern Illinois broadleaved deciduous forest.*

3623. New Media, New Tools, New Audiences: the role of social media in Geography

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): L. Jesse Rouse, West Virginia University

CHAIR(S): L. Jesse Rouse, West Virginia University

Panelists: L. Jesse Rouse, West Virginia University; Susan Vajoczki, McMaster University; Susan J. Bergeron, West Virginia University; Patrick Abbott, Kansas State University

3624. The Political Economy of Energy and the Environment (Sponsored by Energy and Environment Specialty Group)

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Kathryn J. Miller

CHAIR(S): Kathryn J. Miller

Introducer: Kathryn J. Miller

5:30 Rolf Sternberg*, Montclair State University, *Hydropower's Global Growth.*

5:50 Yda Schreuder*, University of Delaware, *Global Capitalism and Climate Change Policy.*

6:10 Johanna Haas*, Illinois State University, *Law and Disorder: A political economy of complex change in extractive landscapes.*

6:30 Eve Vogel, PhD*, University of Oregon, *Neoliberalizing a public resource: The plan to divvy up federal electric power in the Pacific Northwest.*

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3625. Envisioning Post-Proprietary Geography (Sponsored by Socialist and Critical Geography Specialty Group, Geography Education Specialty Group)

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Darrell Fuhrman, Penn State; David DiBiase, Penn State University
 CHAIR(S): David DiBiase, Penn State University
 Introducer: David DiBiase
 Panelists: Lawrence D. Berg, University of British Columbia; Mark Gahegan, Pennsylvania State University; Arnoud Lagendijk; Antje Schlottmann; Bruce D'Arcus, Miami University Of Ohio

3626. The Experiences of Immigrants and Refugees in North American Cities III: settlement experiences (Sponsored by Population Specialty Group, Canadian Studies Specialty Group, Ethnic Geography Specialty Group)

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Wei Li, Arizona State University; Carlos Teixeira, University of British Columbia Okanagan
 CHAIR(S): Shuguang Wang, Ryerson University
5:20 James W. Fonseca, Ph.D*, Ohio University-Zanesville, *Portuguese Immigration and Settlement in New England*.
5:40 Alan P. Marcus, ABD*, University of Massachusetts, Amherst, *Brazilian Transnational Migration Processes and The Shaping of New U.S. Ethnic Landscapes*.
6:00 Monika Stodolska*, University of Illinois at Urbana-Champaign; Kimberly J Shinew, University of Illinois at Urbana-Champaign; Juan Carlos Acevedo, University of Illinois at Urbana-Champaign, *Factors Affecting the Quality of Life of Latino Residents of Urban Immigrant Gateway Communities*.
6:20 Shuguang Wang*, Ryerson University, *Delineating Ethnoburbs in Metropolitan Toronto*.

3627. Subversive cartographies 3

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Chris Perkins; Jorn Seemann, Louisiana State University
 CHAIR(S): Mei-Po Kwan, Ohio State University
5:20 John Krygier*, Ohio Wesleyan University, *Are Maps Autistic?*.
5:40 Jorn Seemann*, Louisiana State University, *"They have stolen our Amazonia": Internet Information Flows, Map Hoaxes and Nationalistic Sentiments in Brazil*.
6:00 Craig M Dalton*, UNC Chapel Hill; Stallmann Timothy, UNC Chapel Hill; Sebastian Cobarrubias, UNC Chapel Hill; Maribel Casas-Cortez, UNC Chapel Hill; Elizabeth Mason-Deese, UNC Chapel Hill; John Pickles, Ph.D., UNC Chapel Hill, *Subverting Carolina Blue: Mapping UNC-Chapel Hill through Drifting and DisOrientation*.
6:20 James Craine*, California State University Northridge; Stuart Aitken, San Diego State University, *The Emotional Life of Maps and Other Visual Geographies*.
 Discussant(s): Chris Perkins

3628. Topics in International Population Geography (Sponsored by Population Specialty Group)

Room: Provincetown Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Jamie Goodwin-White, University of Sussex
 CHAIR(S): Erin Bergman, Colgate University
5:20 Erin Bergman*, Colgate University, *Risks, Vulnerabilities, and Behaviours Regarding AIDS/HIV Transmission and Treatment in Rural South Sudan*.
5:40 Tiit Tammaru, University of Tartu; Thomas M. Kontuly*, University of Utah, *Urbanization, Suburbanization and Counterurbanization by Ethnic Origin in Estonia*.
6:00 Ka Yan Ma*, Department of Geography and Resource Management, The Chinese University of Hong Kong, *Trends and causes of declining fertility level in Hong Kong*.
6:20 Orhon Myadar, PhD*, University of Arizona, Department of Geography & Regional Development, *Imaginary Nomads: The Myth of Nomadic Mongolia and Fenceless Land Discourse*.

3630. Urban Dimensions of Emergency and Hazard Response

Room: Orleans Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Mitchel Stimers, Kansas State University
5:20 Hamil Pearsall*, Clark University, *Sustainability, vulnerability, and the socio-spatial impacts of brownfield redevelopment in New York City*.
5:40 Paul Maliszewski*, The Florida State University, *A Framework for Siting Critical Supply Infrastructure*.
6:00 Dong Keun Yoon*, *Emergency Management and Volunteer Firefighters: An Emerging Problem in Rural America?*.
6:20 Mitch Crader, M.A.G.*, PhD Student Texas State University-San Marcos, *Assessing the Effects of Population Growth on Increasing Incidence of Alligator Attacks in Florida, 1948-2006*.
6:40 Mitchel Stimers*, Kansas State University, *Development of a Community-based Severity Index for Tornado Events*.

3631. Negotiating race at the borders of Europe (Sponsored by European Specialty Group, Ethnic Geography Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Eileen Wood; Luna Vives
 CHAIR(S): Heather Merrill, Dickinson College
5:20 Eileen Wood*, University of Minnesota, *'New' immigration and the racialized space of the nation*.
5:40 Luna Vives*, University of British Columbia, *Ordering the "other": Spain's ethno-racial hierarchy of third country immigrants..*
6:00 Elisabeth Hicks*, University of British Colombia, *The Ambassadors of the Albayzin: Practical Orientalism and Immigration in Spain*.
6:20 Jorge Malheiros*, Centro De Estudos Geograficos, *Second generation Luso-Africans in Lisbon: negotiating local identities in a global context*.
 Discussant(s): Heather Merrill, Dickinson College

3632. The Cultural Politics of Consuming Nature: Race, Place, Nation and Identity III (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Falmouth Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Pablo Bose, University of Vermont; Stephanie Rutherford, York University
 CHAIR(S): Abby Hickcox, University of Colorado - Boulder
5:20 Emma D Hinton, MSc BSc (hons)*, Student, *Consuming constructions: identity, nature and place in the discourses of sustainable consumption*.

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5:40 Brian Miles*, The University of Vermont, *Wind Energy in the Nation of Vermont*.

6:00 Karin Bradley*, Royal Institute of Technology, Urban Studies, Sweden, *Becoming Swedish = Becoming Environmentally Aware? - Planning for Eco-friendly Living in Diverse Societies*.

6:20 Abby Hickcox*, University of Colorado - Boulder, *Green Belt, White City: Producing and Consuming the Natural Landscape in Boulder, Colorado*.

3633. New Frontiers in the Knowledge Economy: Firms, Workers, Policy and Methodology III (Sponsored by Economic Geography Specialty Group)

Room: Vineyard Room, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Yael Levitte, Cornell University; Sharmistha Bagchi-Sen, SUNY-Buffalo
 CHAIR(S): Sharmistha Bagchi-Sen, SUNY-Buffalo
 Introducer: Yael Levitte
 Panelists: Bengt Johannisson; Andrew Jonas; Susan M. Christopherson, Cornell University; Andrew Jones, Birkbeck, University of London; Helen Lawton Smith, Birkbeck University of London; Karen Polenske, MIT

3634. Diasporas and homelands III: national and transnational intersections (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Maine Room, Marriott, 5th Floor (Paper Session)
 ORGANIZER(S): William Jenkins, York University
 CHAIR(S): Caroline Nagel, University of South Carolina
5:20 William Jenkins*, York University, *Locating diasporic loyalty: networks of opposition to Irish Home Rule in Canada 1886-1914*.
5:40 Mary Gilmartin*, NUI Maynooth, *Diasporas new and old*.
6:00 Jennifer Gold*, University Of Cambridge, *The 'paradox of resettlement': decolonization and the diasporic networks of the British Overseas Civil Service, 1957-1980..*
6:20 Margaret Lorraine Pannett*, University Of Manchester, *Becoming A Bengali Woman In The Uk: Negotiating Identity In Diaspora*.
6:40 Eduardo Ascensão*, King's College London, *Informal urbanisation in a post-colonial context - the lived experience of the architecture of shanty town dwellings in Lisbon, Portugal*.

3635. Multiple Scale Land Conversion Issues and Methods in the Eastern United States

Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)
 ORGANIZER(S): Kristi Sayler, United States Geological Survey
 CHAIR(S): Kristi Sayler, United States Geological Survey
5:20 Darrell E. Napton*, USGS Visiting Scientist and South Dakota State University, *Land Consumption and Competition in the Eastern United States*.
5:40 Kristi L Sayler*, United States Geological Survey, *Past, Present, and Future Land Cover Changes in the Megalopolis region of the United States*.
6:00 Roger F. Auch*, SAIC, Contractor to the United States Geological Survey, *"Last Farm in Milford" - Land Cover and Land Use Change in Milford, Massachusetts, 1938-2001*.
6:20 Kevin Gallo*, NOAA/NESDIS; Robert Hale, CIRA/ Colorado State Univ., *Climatological Applications of Land Cover Conversion in the United States*.

3637. On the Political and Territoriality II (Sponsored by Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Massachusetts Room, Marriott, 5th Floor (Panel Session)
 ORGANIZER(S): Oliver Christian Belcher, University of Kentucky
 CHAIR(S): Adrian Ivakhiv, University of Vermont
 Panelists: Anna J Secor, University of Kentucky; Oliver Christian Belcher, University of Kentucky; Stuart Elden, University of Durham; Michael L. Dorn, Temple University; Deborah Thien, California State University, Long Beach

3638. Succeeding as a Biogeographer (Sponsored by Biogeography Specialty Group)

Room: St. George A, Westin, 3rd Floor (Panel Session)
 ORGANIZER(S): Jennifer Marlon, University of Oregon
 CHAIR(S): Jennifer Marlon, University of Oregon
 Panelists: Colin Long, University of Wisconsin Oshkosh; David Cairns, Texas A&M University; Amy Hessel, West Virginia University; Jacob Bendix, Syracuse University; Rosemary L. Sherriff, University of Hawaii at Hilo; Lawrence R. Handley, United States Geological Survey

3636. Film Screening: EVERYTHING'S COOL (Sponsored by Bullfrog Films)

Thursday, April 17, 5:30 p.m. – 8:00 p.m.
Room: Vermont, Marriott, 5th Floor (Film)
 ORGANIZER(S): Bullfrog Films
 Introduction by: Directors Daniel B. Gold and Judith Helfand, and prize-winning journalist Ross Gelbspan
 Session Description: A "Downright euphoric" (VARIETY) Global Warming "toxic comedy" about the most dangerous chasm ever to emerge between scientific understanding and political action. America finally gets global warming, but where's the decisive action? EVERYTHING'S COOL Directors Daniel B. Gold and Judith Helfand, and, prize-winning journalist Ross Gelbspan, author of *The Heat Is On: the Climate Crisis, the Cover-Up, the Prescription*, will introduce the film, then discuss the issues raised, and the prospects for transformative action on global warming in this political climate.

3639. The Body: Embodiment, Politics and Practice III (Sponsored by Sexuality and Space Specialty Group, Qualitative Research Specialty Group)

Room: St. George B, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Mathias Detamore
 CHAIR(S): Mathias Detamore
5:20 Eric Olund*, University of Sheffield, *Governing Bodies*.
5:40 Keela Andrews*, Karen DeBres, *Does She Really Look Like That? A Quantitative/Qualitative Investigation of Urban Tourism Brochures*.
6:00 Jacque Micieli*, Syracuse University, *Queering the Aesthetics of Empire: The Invisible Politics of Visibility*.
6:20 Jessica L Hollis*, University of Kentucky, *The Body and the City: Envisioning Class in Seventeenth-Century London*.
6:40 Sandra Santos*, University of Barcelona, *The body as an object of ostentation and identity affirmation in Sikhism and its negotiation in the context of Barcelona*.

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- 3640. Methodological approaches to Historical GIS (Sponsored by Historical Geography Specialty Group, Geographic Information Science and Systems Specialty Group, China Specialty Group)**
Room: *St. George C, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Merrick Berman, China Historical GIS, Harvard Univ; Ian N. Gregory, Lancaster University
 CHAIR(S): Peter Bol, Harvard University
 Introducer: Peter Bol
5:24 Merrick Berman*, China Historical GIS, Harvard Univ; Dagmar Schäfer Schaefer*, Max Planck Institute for the History of Science, *Analysis of Change Over Time Using CHGIS Datasets and WEB 2.0 Technology*.
 Introducer: John Logan
5:44 John Logan, Spatial Structures in the Social Sciences, Brown University; Qiang Cai, Spatial Structures in the Social Sciences, Brown University; Jason Bryan Jindrich*, Spatial Structures in the Social Sciences, Brown University, *Mapping Neighborhoods and Households in U.S. Cities in 1880*.
6:00 Alexander Akin*, Harvard University, *Unearthing uncertainty: A case study in georeferencing the Yujitu*.
6:18 Karl Grossner*, UC Santa Barbara Department of Geography, *Spatiotemporal Primitives in Print Historical Atlases and Historical GIS*.
 Discussant(s): Ian N. Gregory, Lancaster University
- 3641. Geographies of Media VIII: Nature, Gender, and the Virtual (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)**
Room: *St. George D, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Jason Dittmer, University College London; James Craine, California State University Northridge
 CHAIR(S): Scott Rodgers, Open University
5:20 Jessica R Barnes, MA Student*, The Ohio State University, *Representing the River: A Mediated Journey Through Central Ohio's Waterways*.
5:40 Nazanin Naraghi*, *"The Day I Became A Woman": Hejab and Iranian New Wave Cinema*.
6:00 Monica M Degen, Dr.*, Brunel University; Emma Wainwright, Dr., Brunel University, *Wallpaper* City Guides and gendering the urban aesthetic*.
6:20 Phillipa Mitchell*, The University of Auckland, *Local Electronic Content: The evolving role of local government websites in New Zealand's largest metropolitan centre Auckland*.
6:40 Leigh Schwartz*, University of Texas at Austin, *Memory and Marginalization in the Virtual Landscape*.
- 3642. Indigenous Geography and Education: Negotiating pedagogy in the classroom and the discipline (Sponsored by Indigenous Peoples Specialty Group, Geography Education Specialty Group)**
Room: *Essex North-West, Westin, 3rd Floor* (Panel Session)
 ORGANIZER(S): RDK Herman, National Museum of the American Indian
 CHAIR(S): Margaret Pearce
 Panelists: Jay T. Johnson, University of Nebraska; Brian J. Murton, University of Hawaii; Drew Kapp, University of Hawai'i at Hilo; G. Rebecca Dobbs, Emporia State University; Mark H. Palmer, University of Oklahoma

- 3643. Plenary lecture of Political Geography Specialty Group and Elsevier Science, publishers of Political Geography (Sponsored by Political Geography Specialty Group)**
Room: *Essex North-East, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): John O'Loughlin, University of Colorado
 CHAIR(S): John O'Loughlin, University of Colorado
 Introducer: John O'Loughlin
5:30 Gerard Toal*, Virginia Tech, *Terrorism's Thick and Thin Geographies: The Case of Beslan*.
 Discussant(s): Erinn Patrick Nicley, University of Illinois; Dmitry Gorenburg, Harvard University; Kristin Bakke, Harvard University
 (see session description on page 23)
- 3645. Measurement and Modeling of Land Use and Cover Change (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**
Room: *Staffordshire, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Robert Gilmore Pontius, Clark University
 CHAIR(S): Robert Gilmore Pontius, Clark University
5:20 Peter J. Deadman*, University of Waterloo; Raymond Cabrera*, University of Waterloo, *Global markets, regional landscapes, and household decisions: Modelling land use transformation in the Amazon Estuary*.
5:40 Yichun Xie, Professor*, Eastern Michigan University; Ting Ma, Dr., Eastern Michigan University, *A Hierarchical Network for Delineating Transitional Spatial Objects*.
6:00 Amy C Burnicki*, University of Wisconsin-Madison, *Error Propagation in Land-Cover Change under Increasing Categorical Scale*.
6:20 Robert Gilmore Pontius, Jr*, Clark University; Clement Aga Alo, University of Connecticut, *Identifying systematic land cover transitions using remote sensing and GIS: The fate of forests inside and outside protected areas of Southwestern Ghana*.
- 3646. Studies in Health and Social Policy II (Sponsored by Medical Geography Specialty Group, Regional Development and Planning Specialty Group)**
Room: *Parliament Room #1, Westin, 7th Floor* (Paper Session)
 ORGANIZER(S): Vandana Wadhwa, Boston University
 CHAIR(S): Vandana Wadhwa, Boston University
5:20 Michelle M Vine, MA*, McMaster University; Susan J Elliott, PhD, McMaster University; Susan J Keller-Olaman, PhD, Hamilton Public Health, *To disrupt and displace: where is domestic violence on the public health agenda?*.
5:40 Allison M. Williams, Ph.D.*, McMaster University; Valorie A. Crooks, Ph.D., Simon Fraser University; Kelli I. Stajduhar, Ph.D., University of Victoria; Diane E. Allan, MA, University of Victoria; S. Robin Cohen, Ph.D., McGill University, *The Information Transfer and Knowledge Acquisition Geographies of Family Caregivers: An Analysis of Canada's Compassionate Care Benefit*.
6:00 Ruth Bankey*, Royal College of Physicians and Surgeons of Canada, *The impact of physician professional development programs on health care provision and places*.
6:20 Lilith Finkler*, Dalhousie University, *Municipal Bylaws and the 'Dispensing' of Disability: A Social Model Perspective*.
 Discussant(s): Mark W. Rosenberg, Queen's University

THURSDAY, APRIL 17**5:20 PM – 7:00 PM****3600****3647. Cyberinfrastructure-Vision (Sponsored by Cyberinfrastructure Specialty Group, Geographic Information Science and Systems Specialty Group)***Room: Empire Room #6, Westin, 7th Floor (Paper Session)*ORGANIZER(S): Chaowei Yang, George Mason University;
Robert Raskin, Jet Propulsion Lab

CHAIR(S): Chaowei Yang, George Mason University

5:20 Sung-Gheel Jang*, Cleveland State University,
*Cyberinfrastructure and Complex Urban Systems
Research: Prospects and Challenges.***5:40** Chaowei Yang*, George Mason University,
*Cyberinfrastructure and DGIP.***6:00** Jeffrey D. Hamerlinck*, University of Wyoming; Roland J
Viger, U.S. Geological Survey, *Scientific Spatial Data
Infrastructures: A Conceptual Framework.***6:20** Jibo Xie*, George Mason University; Chaowei(Phil) Yang,
George Mason University, *Grid enabling geospatial
applications.***6:40** Michael P. Finn*, United States Geological Survey; Barbara
S. Poore, United States Geological Survey; Mark R.
Feller, United States Geological Survey, *Towards a
More Consistent Framework for Disseminated Spatial
Computing for The National Map.***3648. Coastal Environments V (Sponsored by Coastal and Marine Specialty Group, IGU Commission on Coastal Systems)***Room: North Star Room #10, Westin, 7th Floor (Paper Session)*ORGANIZER(S): Steve Namikas, Louisiana State University;
Jean Taylor Ellis, NASA

CHAIR(S): Patrick A. Hesp, Louisiana State University

5:20 Brandon L. Edwards*, Louisiana State University; Steven
L. Namikas, Louisiana State University, *The effects of
small-scale variability in surface moisture content on a
fine-grained beach on the estimation of beach surface
area available to aeolian transport.***5:40** Douglas W. Gamble*, University Of North Carolina -
Wilmington; Scott Curtis, East Carolina University,
*A multi-scale analysis of summer drought in the
Caribbean.***6:00** Irene Delgado-Fernandez*, University of Guelph, *GIS and
remote sensing techniques applicability in aeolian
coastal research.***3649. Neighborhood Scale Urban Research II (Sponsored by Economic Geography Specialty Group, Population Specialty Group, Urban Geography Specialty Group)***Room: Defender Room #5, Westin, 7th Floor (Paper Session)*ORGANIZER(S): Michael Reibel, California State University
CHAIR(S): Carol Atkinson-Palombo, University of Connecticut**5:20** Eric Boschmann*, Ohio State University, *Considering
Local Scale in Job Accessibility Research: A Spatial
Regimes Analysis.***5:40** Gray Kimbrough*, University of North Carolina at
Greensboro, *Modeling Geographically Nested Effects:
The Effects of Residential Segregation on Black
Employment.***6:00** Deanna H. Schmidt*, University of Wisconsin-Milwaukee,
*Race, Homeownership, and Neighborhoods in
Transition, Milwaukee, Wisconsin, 1970-2000.***6:20** Carol Atkinson-Palombo, PhD*, University of Connecticut,
*A Leading Indicator of Gentrification.***6:40** James A. Hanlon*, Bowling Green State University,
*Blockbusting the West End: Racial Segregation and
Neighborhood Transition in Louisville, Kentucky.***3650. The Political Economy of Geographically Uneven Development (Sponsored by Economic Geography Specialty Group, Developing Areas Specialty Group)***Room: Adams Room #2, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Marc Auerbach

CHAIR(S): Kevin R. Cox, Ohio State University

5:20 John Tell Washington, Ph.D. Candidate*, UC Berkeley,
Dept of Geography, *Plantations and Peripheries: the
paradox of southern economic growth.***5:40** Rohit Negi*, The Ohio State University, *On the Perpetual
Frontier of Capitalism: Uneven Geography of Copper
Production in Zambia.***6:00** Marc Auerbach, MA Candidate*, Ohio State University,
Department of Geography, *Thinking with Marx About
the Geography of Poverty.***6:20** Anurupa Roy*, The Ohio State University, *Capitalist
Development and Migrant Labor.***6:40** Shiuh-Shen Chien, Dr.*, National Taiwan University; Carlo
Gallo, Dr., *Control Risks, Special Economic Zones
in China and Russia- The Impacts of Central-Local
Dynamical Interactions.***3652. Ethical Political Ecology II (Sponsored by Cultural and Political Ecology Specialty Group)***Room: Baltic Room #3, Westin, 7th Floor (Panel Session)*ORGANIZER(S): Lisa Campbell, Duke University; Lucy Jarosz,
University of Washington

CHAIR(S): Lisa Campbell, Duke University

Panelists: Peter A. Walker, University Of Oregon; Lucy Jarosz,
University of Washington; Richard A. Schroeder,
Rutgers University; Matthew Turner, University of
Wisconsin-Madison; James P. McCarthy, Pennsylvania
State University; Dianne E. Rocheleau, Clark University**3655. New Geographies of Two Koreas II: Culture, Economy, and Environment (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)***Room: Beacon A, Sheraton, 3rd Floor (Paper Session)*ORGANIZER(S): Jongnam Choi, Western Illinois University;
Su-Yeul Chung, Western Illinois UniversityCHAIR(S): Su-Yeul Chung, Western Illinois University
Introducer: Jongnam Choi**5:30** Hyungjoo Kim*, Science & Technology Policy Institute,
*From Crisis to Opportunities?: Upgrading
Korea's Fashion Industries and Moving toward the
Dongdaemun Fashion Cluster in Changing Global
Production Networks.***5:50** Haejeong Noh*, The University of Texas at Austin,
*Rereading World Geography Textbooks in terms of
Global Education: the case of Korea represented in US
world geography textbooks.***6:10** Seokhoi Yim*, Daegu University, *Geography of New
Ethnicity in Korea: A Case Study of Foreign Brides.*Discussant(s): Heejeon Chang, Portland State University; Su-Yeul
Chung, Western Illinois University**3656. Scary Cities III: Fear and (In)security (Sponsored by Urban Geography Specialty Group)***Room: Beacon B, Sheraton, 3rd Floor (Paper Session)*ORGANIZER(S): Stephanie J Simon, University of Kentucky;
Marcia R. England, Miami University

CHAIR(S): Marcia R. England, Miami University

5:20 Stephanie J Simon*, University of Kentucky, *Times Scary:
Generations of in/security in New York City.***5:40** Patrick Bigger*, University of Kentucky, *Between Model
and Massacre: Neoliberal Policing of Anti-Neoliberal
Protest.*

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6:00 Peter Rogers, Dr*, MMU / Macquarie, *Securitisating the City: Constructing Resilience in the UK.*

6:20 Kevin Keenan*, Clark University, *The Role of Place in Urban Geographies of Terrorism.*

Discussant(s): Mathew Coleman, Ohio State University

3657. Hazards Research: New Directions by New Practitioners (Winners of the Jeanne X. Kaspersen Student Paper Award) (Sponsored by Hazards Specialty Group)

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Ron R. Hagelman, Texas State University

CHAIR(S): Ron R. Hagelman, Texas State University

5:20 Laura Siebeneck*, University of Utah Department of Geography, *An Assessment of the Return-Entry Process for Hurricane Rita, 2005.*

5:40 Eric Tate*, University of South Carolina, *Web-Based Hazards and Social Vulnerability Assessment.*

6:00 Marilyn M Williams, M.S., M.P.H.*, University of South Florida, *The Spatial Distribution of Industrial Pollution in Houston: Analyzing the Health Hazards.*

6:20 Lauren A Patterson, MA*, UNC Chapel Hill, *Spatiotemporal Analysis of Socioeconomic Exposure to Assess Flood Policy Effectiveness.*

6:40 Erin P Hughey*, University of South Florida, Department of Geography, *The Value of a Comprehensive Emergency Management System: A Longitudinal Study of The Commonwealth of The Bahamas.*

3658. The postsecular city III: faith-based organizations and social issues of the postsecular city

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Justin Beaumont, University of Groningen; Candice Dias, University of Groningen

CHAIR(S): Justin Beaumont, University of Groningen
Introducer: Justin Beaumont

5:25 Danielle Dierckx*, University of Antwerp, *Faith-based organisations in the context of tackling urban poverty.*

5:40 Leila Thorp*, De Montfort University; Rachael Chapman, De Montfort University, *An exploration of citizenship and engagement in the post-secular city through reflections on the UK government's policy in community cohesion..*

5:55 Arda Deniz Aksular*, Middle East Technical University, *Return of Faith Based Society: Faith Based Organizations Struggling with Urban Poverty.*

6:10 Fethi Mansouri, PhD*, Deakin University, *Multiculturalism, Secularism and the Racialisation of Muslim Diaspora in the West.*

3659. Regional Dimensions of HIV/AIDS

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sam Bullington, University of Missouri

5:20 Mara N Hedrich*, *The Spatial Dispersion of HIV/AIDS in Texas for Adults Aged 55 Years and Older, 1999-2003.*

5:40 Jason Myers*, The University of Auckland, *Moving Tales: Emotional Geographies of HIV in Auckland, New Zealand.*

6:00 Nathan Heard, MSc*, US Department of State; Justus Kamwesigye, USAID Rwanda, *Geographic Priority Setting in the Expansion of AIDS Drugs to Prevent Mother-to-Child Transmission in Rwanda Using Multicriteria Decision Analysis.*

6:20 Benjamin Siankam, MS*, Vanderbilt University, *Brain drain in Sub-Saharan Africa: The curse of education, HIV/AIDS, and globalization..*

6:40 Sam Bullington*, University of Missouri, *Opposing the "New Apartheid": South Africa's Treatment Action Campaign and the Struggle for AIDS Treatment Access.*

3660. (Un)Making Sustainable Cities and Populations - the Rolling Out of a New Urbanism: Building the New Urbanism 3

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Michele Raco, King's College London; Gesa Helms

CHAIR(S): Gesa Helms

5:20 Moa Tunstrom*, Örebro University, *The traditional city and the new urbanism in Sweden.*

5:40 Susan M Moore*, Cardiff University, Wales, *What's wrong with 'best practice'? Questioning the normalisation of New Urbanism in Toronto's urban development and planning.*

6:00 Rob Krueger, Ph.D.*, Worcester Polytechnic Institute; David Gibbs, Ph.D., University of Hull, *Neoliberalism, Sustainable Urban Development and the Environment: Toward an Institutional Account.*

6:20 Darren Paul Smith*, University Of Brighton, *Studentification and sustainable communities?.*

Discussant(s): Allan Cochrane, Open University

3661. The Consumer's Dilemma: Are Alternative Trade Regimes a Real Alternative? (Part II) (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Beacon H, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): William G. Moseley, Macalester College

CHAIR(S): William G. Moseley, Macalester College

5:20 Sandy Brown*, UC Berkeley Department of Geography; Christy Getz, PhD, UC Berkeley Department of Environmental Science, Policy, and Management, *Towards Domestic Fair Trade? Social justice, sustainability, and the "family-scale" farm in US agro-food systems.*

5:40 William G. Moseley*, Macalester College, *The Prospects for Fair Trade as an Alternative Paradigm: The Case of South African Worker Produced Wine.*

6:00 Heather R. Putnam, MA*, University of Kansas, *Place and Power in Fairtrade Certification: Coffee Cooperatives in Minas Gerais, Brazil.*

6:20 Sapna E. Thottathil, PhD Candidate*, University of California - Berkeley; Rebecca White, PhD Candidate, University of Oxford, England, *Fair Trade versus Food Miles: How Consumer Perceptions Threaten Fair Trade.*

6:40 Annelies M. Goger, M.C.P.*, UNC Chapel Hill; Dennis Arnold, M.A., UNC Chapel Hill, *Better for Whom? Labor Standards, Monitoring and Lessons from Cambodia's Garment Industry.*

3662. Gendered spaces of body and emotional work (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: Kent, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Emma Wainwright; Fiona Smith

CHAIR(S): Fiona Smith

5:20 Avril Maddrell*, University of the West of England, *Gender and the Profeessionalisation of After Death Body Work.*

5:40 Katie D Willis*, Royal Holloway, University of London, *Healing Work in Oaxaca, Mexico.*

6:00 Felicity Thomas, PhD*, Research Fellow, TCRU, Institute of Education, University of London, *Positive bodies: negotiating emotions in AIDS care work.*

6:20 Emma Wainwright*, Brunel University; Elodie Marandet*, Brunel University; Fiona Smith*, Brunel University,

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Training for body and emotional work: the gendered experiences of mothers in West London.

Discussant(s): Sophia Bowlby, University of Reading

3663. Internal Migration Patterns

Room: *Jefferson, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Tony G. Champion, Univ Of Newcastle Upon Tyne

5:20 Adam Dennett*, University of Leeds; John Stillwell, University of Leeds, *Contemporary Internal Migration in the UK - Towards a Migration Based Areal Classification..*

5:40 Françoise Delisle*, INRS; Richard Shearmur, INRS, *Internal Migration in Canada: Return to Skills, Provincial Border Effects and Agglomeration Effects.*

6:00 Xia Huang*; Shih-Lung Shaw; Hongbo Yu; Christiane von Reichert, *Exploring Migration Patterns in Space and Time: A Case Study of Northern Great Plains.*

6:20 Todd Gardner*, U.S. Bureau Of the Census, *Migration Regions in the United States.*

6:40 Tony G. Champion*, Univ Of Newcastle Upon Tyne, *Migration and Commuting Distance in England: An Urban/Rural Analysis of Census Microdata.*

3664. Men in the Woods

Room: *Exeter, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jill Walker, University of Wyoming

5:20 Dale J. Blahna*, U.S. Forest Service, PNW Research Station; Courtney E. Brown, U.S. Forest Service, Chugach National Forest; Linda E. Kruger, U.S. Forest Service, PNW Reserach Station, *Regional Analysis of the Management of Bear-Viewing Opportunities in Alaska.*

5:40 Donald F. Rowe, PhD*, AAG member, *Public perceptions of the Cantabrian brown bear, Ursus arctos, in northern Spain.*

6:00 Ryan D. Bergstrom*, Montana State University; Katherine J. Hansen, Ph.D, Montana State University; Shannon V. Taylor, Ph.D, Montana State University; William K. Wyckoff, Ph.D, Montana State University, *The Geographic and Economic Importance of Big Game Hunting in Southwestern Montana.*

6:20 Anthony T. Nasuta*, Kent State University, *Sleepy Mexicans and Typing Indians: Cartographic Representations of Philmont Scout Ranch.*

6:40 Jill R. Walker*, University of Wyoming, *A Trail of Blood and "Gore": Following in the Footsteps of St. George Gore, Baronet, 1854-1857..*

3665. Racing Neoliberalism

Room: *Berkeley, Sheraton, 3rd Floor* (Panel Session)

ORGANIZER(S): Susan Ruddick, University of Toronto

CHAIR(S): Susan Ruddick, University of Toronto

Panelists: Clyde Woods, University of California, Santa Barbara; Scott Salmon, New School University; David Roberts, University of Toronto; Susan Ruddick, University of Toronto; Minelle Mahtani

3666.

Room:

Invasive, Exotic & Disturbed: Geographies of Vegetation

Hampton A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christine M. Rodrigue, California State University - Long Beach

5:20 Hua Shi*, SAIC, USGS/EROS Data Center; Zhiliang Zhu, USGS/EROS Data Center; Chengquan Huang, University of Maryland; Jay Kost, SAIC, USGS/EROS, *Ecosystem Attributes, Conditions, and Disturbances: Contrasting Protected Areas with Surrounding Areas in the Western United States.*

5:40 Willem J.D. Van Leeuwen, Ph.D.*, Office of Arid Lands Studies/Geography and Regional Development, University of Arizona; Jahan Kariyeva, Geography and Regional Development, University of Arizona; J. Raul Romo Leon, School of Natural Resources, University of Arizona, *Phenological Characterization of National Parks in Arizona Using Multiple Resolution Time Series of Spectral Vegetation Index Data.*

6:00 Sunil Narumalani, Ph.D.*, University of Nebraska; Deepak Mishra, Ph.D., University of New Orleans; Paul B. T. Merani, M.A., University of Nebraska; Justin Hoffman, M.S., University of Nebraska, *Mapping and modeling of invasive vegetation along the North Platte River, NE, using remote sensing and GIS.*

6:20 Samantha Sheehy, MS, Geography*, Oregon State University, *Google Earth as a visualization tool for understanding changing patterns of exotic plants along forest roads in western Oregon.*

6:40 Christine M. Rodrigue*, California State University - Long Beach; Eugenie Rovaï, California State University - Chico, *Disaster by Management: Marijuana Cultivation in National Forests and National Parks.*

3667.

Room:

"Recapturing Democracy" by Mark Purcell: Author Meets Interlocutors (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Hampton B, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Michael P. Brown, University of Washington

CHAIR(S): Michael P. Brown, University of Washington

Panelists: Byron A. Miller, University of Calgary; Susan Fainstein, Harvard University; Clive Barnett; Edward Soja, UCLA; Mark H. Purcell, University of Washington

3670.

Room:

The Waldo Tobler Distinguished Lecture in GIScience: Connecting Cyberinfrastructure and Geographic Information Science (Sponsored by Geographic Information Science and Systems Specialty Group)

Fairfax A, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Elizabeth A. Wentz, Arizona State University

CHAIR(S): Elizabeth A. Wentz, Arizona State University

Introducer: Elizabeth A. Wentz

Panelists: Marc P. Armstrong, University of Iowa

(see session description on page 23)

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8:30 PM – 10:00 PM 3800

7:00 PM – 8:30 PM**3713. 3rd Annual James Blaut Memorial Lecture (Sponsored by Socialist and Critical Geography Specialty Group)**

Room: Simmons Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Christopher Niedt, Hofstra University
 CHAIR(S): Christopher Niedt, Hofstra University

3755. New Geographies of Two Koreas II: Culture, Economy, and Environment (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)
 This session is a continuation of the previous timeslot, 3655.

8:30 PM – 10:00 PM**3855. New Geographies of Two Koreas II: Culture, Economy, and Environment (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)**

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)
 This session is a continuation of the previous timeslot, 3655.

7:00 PM – 10:00 PM**3720. AAG Banquet**

Thursday, April 17, 7:00 p.m. – 10:00 p.m.

Room: Grand Ballroom Salons EF, Marriott, 4th Floor

Past President **Kavita Pandit** will host the AAG Banquet on Thursday, April 17, in Grand Ballroom Salons E and F. The banquet dinner begins at 7:00 p.m. Single tickets are still available for \$75 each, or you may purchase 10 tickets to reserve a full table for your department, AAG Specialty Group, or students or friends. Cost of a Banquet Table for 10 is \$730. To purchase individual tickets or an entire table, please visit the AAG Registration Desk. At the banquet, AAG Presidential Achievement Award will be presented to David Ward, President of the American Council on Education.

Following the banquet, doors will open to all members at 8:30 p.m. for Kavita Pandit's Past President's Address on "**The Internationalization of Higher Education: A Vital Role for Geographers.**"

3820. Past President's Address by Kavita Pandit**The Internationalization of Higher Education: A Vital Role for Geographers**

Thursday, April 17, 8:30 p.m. – 10:00 p.m.

Room: Grand Ballroom Salons EF, Marriott, 4th Floor

Introduction: **Thomas J. Baerwald**, National Science Foundation

Speaker: **Kavita Pandit**, State University of New York System Administration

The internationalization of higher education is a topic that has, in recent years, grabbed national attention. Building universities that are globally engaged is seen as critical to America's competitiveness, its national security, and even its place as a world leader. As a result, international education is increasingly defined in terms of training American students for the "global workforce" and attracting international students who will allow America to retain its technological edge. In this presentation, Pandit argues instead that internationalization needs to be viewed as an inseparable part of a liberal education. International education should be defined not in terms of a set of activities – e.g., study abroad, student recruitment, overseas partnerships – but in terms of the ways in which these activities transform our students. Geographers can play a vital role in ensuring that the core values of higher education are kept in focus as universities increasingly embrace internationalization.

FRIDAY

Presenting author(s) are indicated with an asterisk ().*

FRIDAY, APRIL 18

8:00 AM – 9:40 AM

4100

8:00 AM – 9:40 AM**4102. Hurricanes VI: Societal Response and Vulnerability (Sponsored by Hazards Specialty Group)***Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Kam-Biu Liu, Louisiana State University

CHAIR(S): Terry McCloskey, Louisiana State University

8:00 Jay Baker*, Florida State, *Predicting Evacuation Behavior in Hurricanes.***8:20** David M. Cochran*, University of Southern Mississippi; Carl A. Reese, University of Southern Mississippi; Kam-biu Liu, Louisiana State University, *Household Patterns of Vulnerability and Perception of Hurricanes in Coastal Garifuna and Miskito Communities in the Honduran Mosquitia.***8:40** Eric G. Keys*, University of Florida; Corene Matyas, Geography, University of Florida; Sam Schramski, Geography, University of Florida; Birgit Schmook, ECOSUR, Chetumal; Sophie Calme, ECOSUR, Chetumal; Maria DiGiano, Anthropology, University of Florida, *Assessing Resilience, Vulnerability, and Hurricane Damage in Southeastern Mexico.***9:00** Sam Schramski*, University of Florida; Eric Keys, PhD, University of Florida, *Charcoal production: Adaptive response to Hurricane Dean or resource nightmare?.***9:20** Christopher G. Burton*, University of South Carolina, *Social Vulnerability and Hurricane Impact Modeling.***4103. The Geography of Child Health***Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sue C. Grady, Michigan State University

8:00 Marie-Soleil Cloutier*, Université de Montréal, Canada; Jean-Pierre Thouez, Université de Montréal, *Child pedestrian road accidents: What do parents think about the safety of the surroundings of primary schools?.***8:20** James W. Quinn, MA*, Institute for Social and Economic Research and Policy, Columbia University; Gina Lovasi, DrPH, RWJ Health and Society Scholar, Institute for Social and Economic Research and Policy, Columbia University; Kathryn M. Neckerman, Ph.D., Institute for Social and Economic Research and Policy, Columbia University; Andrew G. Rundle, DrPH, Department of Epidemiology, Mailman School of Public Health, Columbia University; Judith S. Jacobson, DrPH, MBA, Department of Epidemiology, Mailman School of Public Health, Columbia University, *Active Play in New York City: Walkability and Safety in the Built Environment.***8:40** Rob Penfold, PhD*, Nationwide Children's Hospital; Christine Clancy, PhD, Seattle Children's Hospital, *Pediatric Traumatic Brain Injury in Manitoba, 1984-2003.***9:00** Bruce E. Davis*, Eastern Kentucky University, *Geography of Children and Millennium Development Goals for Small Island Developing Countries.***9:20** Sue C. Grady, PhD, MPH*, Michigan State University, *Geographic Analysis of Infant Mortality in Michigan.***4104. Spatio-Temporal***Room: Exeter Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Giorgos Mountrakis, SUNY - ESF

8:00 Youngho Kim*, Department of Geography and Earth Science, University of North Carolina at Charlotte, *A space-time surveillance model comparison using simulation.***8:20** Wenwu Tang*, University Of Iowa; David A. Bennett, University of Iowa, *A context-driven representation for spatiotemporally-explicit agent-based models.***8:40** Pip Forer, Dr*, University of Auckland, *Volumes of Opportunity: Sequences of Actions and Spaces of Information.***9:00** Ana Maldonado*, Polytechnic University of Madrid; Monica Wachowicz, Polytechnic University of Madrid, *Towards a spatio-temporal model of human movement surfaces for the simulation of best utility trajectories.***9:20** Giorgos Mountrakis*, SUNY - ESF; Kari E Gunson, SUNY - ESF, *Spatiotemporal analyses of moose-vehicle collisions in Vermont.***4105. New State Spatialities I: New Horizons in State Spatiality***Room: Fairfield Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): John Harrison; Julie MacLeavy

CHAIR(S): John Harrison

8:00 Julie MacLeavy*, University of Bristol; John Harrison, Loughborough University, *New Horizons in State Spatiality.***8:20** John R. Allen*, The Open University; Allan D. Cochrane, The Open University, *Assemblages of State Power: Topological Shifts in the Organization of Government and Authority.***8:40** Nick Gill*, Lancaster University, UK, *The Scale of State Powers.***9:00** Joe Painter*, Durham University, *Rethinking Territory.* Discussant(s): Mark A. Goodwin, University Of Exeter**4106. Global knowledge nodes and networks in higher education and research II***Room: Harvard Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Michael Hoyler, Loughborough University; Heike Joens, Loughborough University

CHAIR(S): Heike Joens, Loughborough University

8:00 Fabio Betioli Contel*, Escola Superior de Propaganda e Marketing (ESPM Brasil); Manolita Correia LIMA, Escola Superior de Propaganda e Marketing (ESPM Brasil), *Centers of knowledge production and brain-drain: a present time picture for South-America.***8:20** Jarno Hoekman*, Urban and Regional research centre Utrecht (URU), Utrecht University; Koen Frenken, Urban and Regional research centre Utrecht (URU), Utrecht University; Robert Tijssen, Centre for Science and Technology Studies (CWTS), Leiden University, *The geography of collaborative knowledge production in Europe.***8:40** Dominik Collet, Dr.*, University of Göttingen, *Global Networks of Early Museums.***9:00** Karl Donert*, HERODOT Network, *The HERODOT Network for Geography in higher education: a case study of an agent of change.*

Discussant(s): Kate Geddie, University of Toronto

FRIDAY, APRIL 18**8:00 AM – 9:40 AM****4100****4107. Rural and Small Town Dynamics I (Sponsored by Rural Geography Specialty Group, Population Specialty Group)***Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): John Cromartie, USDA; Alexander C. Vias, University of Connecticut

CHAIR(S): John Cromartie, USDA

8:00 Peter B. Nelson*, Middlebury College; Ahn Wei Lee, Middlebury College; Lise Nelson, University of Oregon, *Linking baby boomer and Hispanic migration streams into rural America: a multi-scaled approach.***8:20** Lee Pera*, University of Oregon, *Amenity migration in the Americas: population and policy in Nicaragua, Costa Rica and Panama.***8:40** Holly R. Barcus, Ph.D.*, Macalester College; Laura Simmons, University of North Carolina Charlotte, *Ethnic Restructuring in the Great Plains?.***9:00** E. (Eddy) Helen Berry, Ph.D.*, Utah State University; Sang Lim Lee, Utah State University; Eduardo Ortiz, Utah State University; Michael B. Toney, Ph.D., Utah State University, *Mexican And Other Latino Origin Internal Migrants In The U.S.: A Panel Study Of Migration Utilizing The Nlsy79.***9:20** Toni A. Alexander, Ph.D.*, Auburn University; Michele Vitale*, Auburn University, *Assessing Hispanic Demographic Change in Rural Alabama.***4108. New Geopolitics of the Arctic Region (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Canadian Studies Specialty Group)***Room: Northeastern Room, Marriott, 3rd Floor (Panel Session)*

ORGANIZER(S): Andrey N Petrov, University of Toronto; Susan Lucas, Edinboro University of Pennsylvania

CHAIR(S): Andrey N Petrov, University of Toronto

Introducer: Peter H. Meserve

Panelists: David Monahan, University of New Hampshire; Jeremy Tasch, Towson University

4109. Environmental Assessment of Karst Landscapes*Room: MIT Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Philip Van Beynen, University of South Florida

CHAIR(S): Robert Brinkmann, University of South Florida

8:00 Philip Van Beynen, Ph.D.*, University of South Florida; Kaya M Townsend, M.Sc, M.A., Nelson Poytner Library, University of South Florida, St Petersburg, *A Disturbance Index for Karst Environments.***8:20** E. Spencer Fleury, Ph.D.*, University of South Florida, *Land Use Policy and Practice in Karst Terrains: Towards a Regulatory Framework.***8:40** Leslie A. North, M.S.*, University of South Florida; Philip van Beynen, Ph.D., University of South Florida; Mario Parise, National Research Council of Italy - IRPI, *Interregional Comparison of Karst Disturbance: West-Central Florida and Southeast Italy.***9:00** Grant Harley*, University of South Florida; Philip Reeder, PhD, University of South Florida; Philip van Beynen, PhD, University of South Florida; Jason Polk, University of South Florida, *A GIS-Based Inventory of Terrestrial Caves in West-central Florida: Implications on Sensitivity, Disturbance, Ownership, and Management Priority.***4110. Thinking Geographically about Terrorism and Counter-Terrorism***Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Jason E. VanHorn, Calvin College; Joseph Lewis, Ohio State University

CHAIR(S): Jason E. VanHorn, Calvin College

8:00 Jeremy D Kowalski, PhD Student*, York University, *The Transnational Geographic and Spatial Imaginings of Islamist Extremism.***8:20** Emma S. Norman*, University of British Columbia, *Boundless Nature, Bounded Nations: Governing Transboundary Water Post 9/11.***8:40** Jason E. VanHorn*, Calvin College, *Social hazard modeling of terrorism: Pragmatics and Geovisualization.***9:00** Joseph Lewis*, Ohio State University, *The Re-coding of Geopolitics in the War on Terror: Terrorists as the new "Godless Tornadoes".***4111. Water Resources (Sponsored by Water Resources Specialty Group)***Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)*

ORGANIZER(S): Christi McMichael, Morehead State University

CHAIR(S): John Klock, MA, MS*, Oregon State University,

8:00 Patricia J Beyer, Ph. D.*, Bloomsburg University, *The Water Atlas Poster Project: Merging Content and Skills in Undergraduate Geography Courses.***8:05** Burrell E. Montz*, Binghamton University, *Frequent Flooding in Broome County, New York: Hydrology and Impacts of Four Floods.***8:10** Charles E. Button, Assistant Professor*, Central Connecticut State University, *Index of Physical Integrity: A Multimetric Model of Stream Health.***8:15** Martin C. Roberge*, Towson University, *A Decision-Support Tool for Setting Water Quality Standards in Agricultural Settings.***8:20** Robert Johnson, University of Louisville; David Smith, Ph.D., Morehead State University, *Links between landscape condition, cover and use and water quality in eastern Kentucky: effects of spatial scale.***8:25** Sean F Haleen, Undergraduate Senior*, Denver University, *Green Building in Denver: A Spatial Comparison in Urban Contexts.***8:30** Dale K. Splinter*, University of Wisconsin-Whitewater; Peter M Jacobs, University of Wisconsin-Whitewater, *Importance of Baseline Studies in Watershed Monitoring: Evidence from Allen Creek, Wisconsin.***8:35** David M. Speer*, Missouri State University; Robert T. Pavlowsky, Ph.D, Missouri State University, *Large woody debris influence on Ozarks streams in relation to ice storm wood loadings.***8:40** Robert H Hirsch*, Towson University, *Role of Riparian Forests and Catchment Imperviousness in Urban Stream Water Quality.***8:45** Suzanne Dallman, Ph.D.*, California State University Long Beach, *GIS Modeling for Stormwater and Groundwater Management.***8:50** Michael Farrell*, San Diego State University; Christina L Tague, PhD, University of California, Santa Barbara, *Linking Hydrologic Model Parameter Values to Landscape Features in the Oregon Cascades.***8:55** John Klock, MA, MS*, Oregon State University, *Farmer and Community Water Coping Strategies in Lombok, Indonesia.*

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8:00 AM – 9:40 AM

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4112. Treeline Ecotones - I (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)*Room: Tufts Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Lynn Resler, Virginia Tech; Matthew F.

Bekker, Brigham Young University

CHAIR(S): Dawna L. Cerney, Youngstown State University

8:00 Dianna A. Gielstra*, Texas A&M University; David M Cairns, Texas A&M University, *Spatiotemporal influences of climate on conifer invasions into subalpine meadows in Glacier National Park.***8:20** Carol F. Sawyer*, University of South Alabama; David R. Butler, Texas State University-San Marcos, *Effects of Frost Heaving on the Distribution of Surficial clasts on Solifluction Treads Glacier National Park, MT.***8:40** David R. Butler, Ph.D.*, Texas State University - San Marcos, *What Role (If Any) Do Animals Play in Facilitating or Inhibiting Advance of Alpine Treeline?.***9:00** David M. Cairns*, Texas A&M University; Jon Moen, Umeå University, *Simulating animal activity at treeline.***9:20** Darren Robert Grafius*, University of Iowa, *Topographic Effects on Alpine Treeline Temperature and Precipitation Estimation Using MT-CLIM.***4113. Historical Geography***Room: Simmons Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Thomas L. Bell, University of Tennessee

8:00 Christopher W. Post*, University of Georgia, *Deciding Identity: Landscape and Rejecting Violence.***8:20** Katherine Nashleenas*, University of Nebraska, *Patterns of Nebraska's Ethnic Press 1877-1925: A Semiotic Approach.***8:40** Damon Scott*, University of Texas, *Cable Car Mania and the Gendered Politics of Transit Modernization in Post World War II San Francisco.***9:00** Jason Cooke, MA*, Tate Economic Research Inc., *Circulation as a Determining Force in Urban Politics: The Case of Chicago's Michigan Avenue Bridge, 1909-1930.***9:20** Thomas L. Bell*, University of Tennessee; Margaret M. Gripshover, Ph.D., Department of Geography, University of Tennessee, *The Greater Goode: Chicago as Imagined by Geographer J. Paul Goode.***4114. China: Geographic education, fieldwork, and imagined geographies (Sponsored by China Specialty Group)***Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Alana Boland, University of Toronto; George Lin, University of Hong Kong

CHAIR(S): Alana Boland, University of Toronto

8:00 Jingai Wang*, Beijing Normal University; Jing Chen*, Beijing Normal University, *Geographic Education in China: Developing a Model Course China Geography.***8:20** Yu Luo Rioux, Ph. D*, University Of Colorado at Boulder, *Insider or Outsider: Ethics of Doing Fieldwork in China.***8:40** Travis Klingberg*, University of Colorado at Boulder, *Bringing the Borders Home: Approaches to Tourist Life in Contemporary China.***9:00** Daniel B Abramson, PhD*, University of Washington, *Not Foreign Not Local, in China: Changing Definitions of Heritage in the Urbanizing Hometowns of the Hokkien Diaspora.***9:20** Yuling Song*, National Changhua University of Education, *Geographical imagination on second home:sense of space of Shanghai residents owning second home.***4115. Mysteries and Metaphors***Room: Regis Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Muharem Cerabregu, Univ of Prishtina

8:00 Maya Daurio*, University of Montana, *Everybody Has a Different Opinion in Spinoso: Complexity in the Role of the Supernatural in One Village in Southern Italy.***8:20** Gerald J. Rizzo*, Suffolk University, Afriterrra Library, Boston, *www.afriterrra.org, The Map as a Metaphor: The Case of a Great-Lake in West Africa.***8:40** Muharem Cerabregu*, Univ of Prishtina, *Geographical Alphabet: The Dawn of Humanity's Prehistory.***4116. Place, Culture, and Representation***Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Hunter Shobe, Portland State University

8:00 Martin Marcin Zebracki, M.Sc., Ph.D. Fellow*, Utrecht University, *Geography and Planning of Art: A Multiscalar Discourse.***8:20** Graeme Lorenzo Evans, Prof*, London Met University; Joanna Foord, Dr, Cities Institute, London Met University, *Cultural Planning: from Arts Amenity to Sustainable Communities.***8:40** Andrew Gorman-Murray, PhD*, University of Wollongong; Cassandra Strakosch, University of Wollongong, *A critical geography of queer exhibitions in Australia.***9:00** Chi-Jung Chu*, London School of Economics, *Is the cultural industry approach a solution for museums in developmental states? Looking at Singapore and Taiwan.***9:20** Hunter Shobe*, Portland State University, *Graffiti and the Interface of Public and Private Space: The Writing on the Walls in Portland and San Francisco.***4117. Teaching Introductory Physical Geography (Sponsored by Community College Affinity Group, Geography Education Specialty Group)***Room: Grand Ballroom Salon B, Marriott, 4th Floor (Panel Session)*

ORGANIZER(S): Tim E. Schultz, Green River Community College; Kerry Lyste, Everett Community College

CHAIR(S): Tim E. Schultz, Green River Community College

Panelists: Stephen F. Cunha, Humboldt State University; Robert W. Christopherson, American River College; Darrel Hess, City College of San Francisco; Diana Casey, Muskegon Community College; Michelle D Sievertson

4118. Russia*Room: Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Andrew FX Gustafson, University of Colorado-Boulder

8:00 Robert J Kaiser, Professor*, University of Wisconsin - Madison, *The Eventfulness of Bordering Processes: Estonia's Bronze Night.***8:20** Laimonas Briedis, Postdoctoral Fellow*, University of Toronto, *Spectral Continent: Searching for Europe in Vilnius and Kaliningrad.***8:40** Andrew Nelson Reed*, The Reed Approach Ltd., *What should have been done? Agricultural Land Reform in Post-Soviet Russia.*

FRIDAY, APRIL 18**8:00 AM – 9:40 AM****4100**

9:00 Nathaniel S. Trumbull*, University of Connecticut;
Nathaniel Trumbull, University of Connecticut, *The World Heritage Convention and Its Impact in the Russian Federation.*

9:20 Andrew FX Gustafson*, University of Colorado-Boulder,
Policing Contemporary Russia: A Legal Geography of Public Protests in Moscow and St. Petersburg.

4119. Territory, the state and urban politics I (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Grand Ballroom Salon D, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Andrew Wood, University of Kentucky;
Andrew Jonas

CHAIR(S): Andrew Wood, University of Kentucky

Introducer: Andrew Jonas

Panelists: Ron Johnston, University of Bristol; Allan Cochrane, Open University; Robert W. Lake, Rutgers University; Kim England, University of Washington; Kevin Ward, University of Manchester; Jamie Gough

4120. Writing Geography

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Andrew R. Bodman, Western Washington University

8:00 Francisco Mata-Andrades, PhD. Candidate*, London
School of Economics, *A development of a phenomenological approach to the value of the image of the city.*

8:20 Timothy McKisson Mennel*, University of Minnesota,
Geography and Negative Capability; or, Why I Wrote a Novel.

8:40 Yann Calberac*, University of Lyon (France), *Geographers in the text: fieldwork and text metaphor.*

9:00 David J. Nemeth*, University of Toledo, *The Importance of Being Korski'd.*

9:20 Andrew R. Bodman*, Western Washington University,
Assessing the Impact of Geographical Journals.

4121. Urban Geography: Issues of Governance

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Carolina Sternberg

8:00 Andrea Armstrong*, Durham University, *Empowering Sustainable Communities - a genuine attempt? The example of Newcastle and Gateshead, UK.*

8:20 Jon Bohland*, Hollins University, *Breaking Up (A Stadium) Is Hard To Do: The Curious Case of Roanoke's Victory Stadium.*

8:40 Chienlung Kuo*, *Local governance, fiscal decentralization and local economic development in China: case study of development zones in Suzhou..*

9:00 Tassilo Herrschel*, University Of Westminster; Yonn A. Dierwechter, Assistant Professor*, University Of Washington - Tacoma, *Framing the new governance of 'city regions' through the lens of a comparative global perspective.*

9:20 Carolina A Sternberg*, University of Illinois at Urbana Champaign, *Neoliberal Governance 'On the Ground': The Case of Buenos Aires.*

4122. Geographic Education, Political, Population, Gender and Medical Geographies

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)

ORGANIZER(S): Program Committee

Jennifer L. DeHart, Department of Environmental Science*, Allegheny College; Melissa K. Comber, Department of Political Science, Allegheny College, *Measuring the Effects of Community on Voter Turnout Rates: A Case of Western Pennsylvania Counties..*

Steve Stevens*, University of New Orleans, *The Bicoastal Geography of Costa Rica and its Potential Effects on the 2007 DR-CAFTA Referendum.*

Catherine S. Abel, Masters Candidate*, Ohio University
Department of Geogrpahy, *Who are the Chavistas? A Spatial Approach to Critically Reconstructing the Identity of Bolivarian Revolution Supporters.*

Ben Michael*, University of North Alabama; *The Geopolitics of North Korea: A Small Country in a Big World.*

Geofre Schoradt*, University of Illinois at Urbana-Champaign, *Towards an American Empire? Examining the Global Geography of US Hegemony.*

Fiona M. Davidson, PhD*, University Of Arkansas, *The New Face of Scottish Politics: Holyrood vs Westminster.*

Lesley Rigg*, Northern Illinois University, *Publish or Perish: Gender and Productivity in two key Geography Journals..*

Christopher Parkes Storm*, Oklahoma State University, *From the Frontier to the Forefront: Examining Spatial Distribution in the Oklahoma Women's Hall of Fame.*

Helmuth Toepfer*, University of Bonn, *Uneven Population Development in Japan - Risks and Chances.*

Sarah F. Tedrow*, *Afghan Migration Experiences: Personal Histories of Movement and Perspectives on Repatriation.*

Steven G Wilson*, U.S. Bureau Of the Census, *Age and Sex Structure for Race and Hispanic Origin Groups by Core Based Statistical Area Status: 2006.*

Xiaomin Qiu*, Missouri State University, *Population Analysis Using Geographically Weighted Regression.*

Stephen M. Krabbe, University of Missouri-Kansas City; Caroline P. Davies, Assistant Professor*, University of Missouri-Kansas City, *Geospatial analysis of airborne particulates in Kansas City urban core: a look at current monitoring standards.*

Steve R Mlinarich*, University of North Texas, *The Geography of Gastric Cancers in Texas: Are Nitrates the Problem?.*

Peter S. Lindquist, Associate Professor and Chair*, University of Toledo; Samir Dhar, University of Toledo, *Hospital Location and Trauma Patient Transfer in Ohio.*

Sarah Rodger*, University of Washington, *AIDS Orphans in sub-Saharan Africa: The Loss of a Generation Leads to Social Degredation.*

R Matthew Beaty, PhD*, Urban Systems Program, CSIRO Sustainable Ecosystems; Amy L Griffin, PhD, University of New South Wales, *Spatial variation in childhood overweight and obesity, physical activity, nutrition and the urban environment in the Australian Capital Territory.*

Tamara Biegas*, Texas State University, *Adolescent Overweight/Obesity Comparison.*

Donald J. Huebner, PhD*, Texas State University-San Marcos; Stacey L Allbritton, Texas State University, *Vibrio vulnificus: predicting the distribution of an infectious organism and public health hazard.*

Ke Chen*, East Tennessee State University; Jason Kennedy, ETSU; Chunhua Zhang, ETSU; John M Kovacs, Nipissing University, *Predicting Geographic*

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8:00 AM – 9:40 AM

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Distribution of Enrollment in A Regional Pharmacy School.

Kenneth C. Martis*, West Virginia University, *A Logical and Coordinated Curriculum: Developing and Perfecting an Undergraduate Geography Major.*

William L. Blewett*, Shippensburg University, *Advising Through Student Experience.*

Kristine Stanley*, Michigan State University; Beth N. Weisenborn, Michigan State University; Robert Goodwin, Michigan State University; David P. Lusch, Michigan State University; Richard E. Groop, Michigan State University, *Creating an Online Geography Course in Remote Sensing at Michigan State University.*

Barbara S. Hildebrandt*, Educational Testing Service; Sarah L. Bednarz, 00004444, Texas A & M University; David Lanegran, Macalester College; Max Lu, Kansas State University; Tim Strauss, University of Northern Iowa; Donald Zeigler, Old Dominion University, *Educating Tomorrow's Geographers Through Advanced Placement Human Geography.*

Laurie Parendes, Ph.D.*, Edinboro University, *Virtual Field Trips as a Teaching Tool: Ecoregions in the Continental United States.*

Timothy K. O'Mahony*, University of Washington, *Dam Removal has Implications for Learning Sciences.*

Victor Gabriel Miranda*, Towson University, *Geography Programs in the United States.*

Jacob A. Napieralski, Ph.D.*, University of Michigan- Dearborn, *Incorporating structured digital portfolios into a GIS curriculum.*

Teon Edwards*, TERC; Daniel Barstow, TERC; Meghan Ryan, TERC, *Windows on Earth and the Issues Involved in Assigning Regions to Our Planet.*

Jorge Guitart, Dr., SUNY at Buffalo, *GIS As A Bridge Between Linguistics And Geography: A Study Of Verb Moods Among Secondary School Students In Alicante, Spain.*

Daniel Sward, Graduate Student*, University of Minnesota; Susy Ziegler, Assistant Professor, University of Minnesota; Mark Lindberg, Senior Cartographer, University of Minnesota, *Integration of 3D Visualization into Geography Education.*

Allison Gabby*, Stephen F. Austin State University; Aaron Scott, Stephen F. Austin State University; Brianna Harper, Stephen F. Austin State University; Sam Tadlock, Stephen F. Austin State University; Jordan Blackmon, Stephen F. Austin State University, *The Rosenwald Schools of Nacogdoches, Texas.*

Melinda Kathleen Butterworth, B.A., B.S.*, Virginia Tech; Korine Kolivras, Ph.D., Virginia Tech, *An application of the Health Belief Model: mosquito-borne disease perceptions and practices in southwest Virginia.*

Todd Almon*, Samford University, *The Urban Heat Island of Birmingham, Alabama.*

Nancy Tian, Texas State University

4123. Continental Drift? Development Issues in Africa, Asia and Latin America (Sponsored by Latin America Specialty Group, Africa Specialty Group, Asian Geography Specialty Group)

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Jessie P. Poon, University at Buffalo-SUNY; Henry Wai-chung Yeung, National University of Singapore

CHAIR(S): Jessie P. Poon, University at Buffalo-SUNY

Panelists: Anthony J. Bebbington, University of Manchester; Niels Fold; Thomas Klak, Miami University of Ohio; Marcus Power; James Derrick Sidaway, University of Plymouth

4124. The Geography of Graffiti and Inscription (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): terri moreau; Derek H. Alderman, East Carolina University

CHAIR(S): terri moreau

8:00 Derek H. Alderman*, Department of Geography, East Carolina University; Heather Ward, Coastal Resources Management Program, East Carolina University, *Writing on Plywood: Toward an Analysis of Hurricane Graffiti.*

8:20 terri moreau*, East Carolina University, *"Graffiti Hurts" and the Politics of Public Space: A Discourse Analysis.*

8:40 Kevon Christopher Rhiney*, University of the West Indies, Mona; Rivke Jaffe, Dr., University of the West Indies, Mona; Cavell Francis, University of the West Indies, Mona, *Contested Spaces, Contesting Identities? Graffiti, Space and Power in Kingston, Jamaica..*

9:00 Reuben S. Rose-Redwood, Ph.D.*, Texas A&M University, *"Sixth Avenue is Now a Memory": Street Numbering, Spatial Inscription, and the Limits of the Official City-Text.*

9:20 Suzanne McArdle*, East Carolina University, *The Inscription of Lesbian Identities into Cyberspace: Place-Making on MySpace.com.*

4125. Dendrochronology I: Dendroecology and Dendroclimatology (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State University; Henri D. Grissino-Mayer, University of Tennessee

CHAIR(S): Christopher M. Gentry, Indiana State University

8:00 Christopher A. Underwood*, The University of Tennessee; Henri D. Grissino-Mayer, The University of Tennessee, *Century-Scale Climatic Trends for the Pacific Northwest from Western Juniper (*Juniperus occidentalis* ssp. *occidentalis* Hook.) Tree-Ring Data.*

8:20 Ze'ev Gedalof*, University of Guelph; Aaron Berg, University of Guelph, *Evidence for limited direct CO2 fertilization of forests over the 20th century.*

8:40 Thomas Brian Maertens, M.Sc. candidate*, University of Guelph; Ze'ev Gedalof, Associate Professor, University of Guelph, *Patterns in the Dendroclimatic Response of Oregon White Oak (*Quercus garryana*).*

9:00 Christopher J. Crawford, M.Sc.*, Department of Geography and Earth Sciences and Center for Applied Geographic Information Science, University of North Carolina-Charlotte; Lisa M. Kennedy, PhD, Department of Geography, Virginia Tech, *The Use of Rule-Based*

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*Spatial Modeling in Tree-Ring Site Selection:
Applications in Dendroclimatology.*

- 9:20 Lori D. Daniels*, University of British Columbia; Sonya R.E. Powell, Geography, University of British Columbia; Trevor A Jones, Geography, University of British Columbia, *Dendroecological Analysis of In-Stream Large Woody Debris.*

4126. MODIS: Applications Based on MODIS

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lihong Su, University of North Carolina

- 8:00 Shishi Liu*, University of California, Santa Barbara, *Modeling plant-available soil moisture at large spatial scales using MODIS data.*

- 8:20 Sunyurp Park*, University of Hawaii-Hilo (Geography), *Harmonic analysis of long-term MODIS time-series data for vegetation dynamics in Hawaii.*

- 8:40 Jianjun Ge*, Oklahoma State University, *Use remote sensing products in land-climate interaction study in East Africa.*

- 9:00 Lihong Su*, University of North Carolina; Conghe Song, University of North Carolina, *Calculation of Foliage Clumping Index Using Bidirectional Reflectance Models and Spectral Variances of Components at Pixel Scale.*

4127. Cognitive Issues in Geographic Information Visualization I: Methods (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Sara Irina Fabrikant, University Of Zurich; Amy Lobben, University of Oregon

CHAIR(S): Sara Irina Fabrikant, University Of Zurich

- 8:00 Judy M. Olson*, Michigan State University; Amy K. Lobben, University of Oregon; Jie Huang, Michigan State University (Radiology), *A Functional Magnetic Imagery Study Comparing Two Map Tasks: What are we finding?.*

- 8:20 Megan Lawrence*, University of Oregon, *Integrating methodologies: A new way of investigating spatial thinking in the blind and visually impaired..*

- 8:40 Amy L. Griffin*, University of New South Wales-ADFA, *Signal detection theory and its potential application to geographic visualization.*

- 9:00 Mark A Harrower*, University of Wisconsin-Madison, *Unclassed Animated Choropleth Maps.*

- 9:20 Sara Irina Fabrikant*, University Of Zurich; Stacy Rebich Hespanha, University of California Santa Barbara; Daniel R Montello, University of California Santa Barbara, *Enduring Design for Fleeting Displays.*

4128. Conversations with the Arch Amenity I: Negotiating the National Park Idea (Sponsored by Recreation, Tourism, and Sport Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Yolonda Youngs, Arizona State University; Terence Young, California State Polytechnic University-Pomona

CHAIR(S): Terence Young, California State Polytechnic University-Pomona

- 8:00 Lary M. Dilsaver*, University Of South Alabama; William Wyckoff*, Montana State University, *Making National Parks in the Last Best Place.*

- 8:20 Dave D. White, Ph.D.*, Arizona State University; Yolonda L. Youngs, Arizona State University, *Transportation Systems as Cultural Landscapes in National Parks: The Case of Yosemite.*

- 8:40 Yolonda Youngs*, Arizona State University, *Driving Towards Grandeur: Reading Arizona Highways and the Visual Landscape of Grand Canyon National Park.*

- 9:00 Tal Alon-Mozes*, Technion-Israel Institute of Technology, *"If paradise is in the land of Israel, its entrance is at the gates of Beit Shean" (Reish Lakish), Israeli National Parks and the search for national identity.*

Introducer: Terence Young

Introducer: Yolonda Youngs

4129. Actor-networks, Marxist labor theories of value, and the political economies of nature. (Sponsored by Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Harold Alan Perkins, Ohio University; Trevor Birkenholtz, Rutgers University

CHAIR(S): Harold Alan Perkins, Ohio University

- 8:00 Amy Trauger*, Pennsylvania State University, *"No Big Guns": The Political Economy of Producing Knowledge about Sustainability.*

- 8:20 David Lansing, 90017254*, Ohio State Geography Department, *Quasi-markets: Understanding the emergence of carbon credits in Costa Rica through actor networks.*

- 8:40 Harold Alan Perkins, Ph.D.*, Ohio University, *Being political by producing and consuming value: assembling urbanism with the 'worst of architects' and 'the best of bees.'*

- 9:00 Karen Hebert*, University of Michigan, *"Wild and Pure": Reworking Alaska Salmon and Rethinking Value.*

Discussant(s): Trevor Birkenholtz, Rutgers University

4130. Models, Models, Models

Room: Orleans Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Qingfeng Guan, University of California, Santa Barbara

- 8:00 Qingfeng Guan*, University of California, Santa Barbara; Keith C Clarke, University of California, Santa Barbara, *From pGCAL to pSLEUTH: Implementing geographic Cellular Automata using a general purpose parallel geographic raster programming library.*

- 8:20 Joshua Blackwell, BS Geography, UNCC*, UNC Charlotte Dept. Of Geography and Earth Sciences Masters Program; Seok-Won Lee, Phd., Assistant Professor, UNCC Dept. of Software and Information Systems. UNCC Knowledge Intensive Software Research Group (NISE).; William J. Tolone, Phd., UNCC Dept. of Software and Information Systems. UNCC Intelligent Multimedia and Interactive Systems Lab.; Wei-Ning Xiang, Phd., UNCC Dept. of Geography and Earth Sciences, *On Blind Spots In Critical Infrastructure Protection Practice.*

- 8:40 Christine Tamasy*, University of Auckland, *Structural Equation Modelling: Basic Concept and Applications in Economic Geography.*

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4131. Human Geographies of Katrina (Sponsored by Ethnic Geography Specialty Group)*Room:* Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Wei Li, Arizona State University; Christopher A. Airriess, Ball State University

CHAIR(S): Christopher A. Airriess, Ball State University

8:00 A. Case Watkins*, Texas State University-San Marcos, *Through the Lens of Katrina: A Historical Geography of the Social Patterns of Flood Exposure in New Orleans, 1970-2005.***8:20** Alyson L. Greiner*, Oklahoma State University; Thomas A. Wikle, Oklahoma State University, *A Geographical Appraisal of Volunteer Activity after Katrina: Insights from Pass Christian, Mississippi.***8:40** Sarah A. Blue, Ph.D.*, Northern Illinois University; Anita I Drever, Ph.D., University of Tennessee, Knoxville, *Arriving in New Orleans: Post-Katrina Latino Labor Recruitment.***9:00** Anita Drever*, University of Tennessee; Sarah A. Blue, Ph.D., University of Northern Illinois, *Surviving sin papeles in post Katrina New Orleans: flexibility and vulnerability in the absence of immigration reform.***9:20** Christopher A. Airriess*, Department of Geography, Ball State University, Muncie, IN 37306; Wei Li, Asian Pacific American Studies and School of Geographical Sciences, Arizona State University, Tempe, AZ; Karen J. Leong, Asian Pacific American Studies, Arizona State University, Tempe, AZ; Angela C Chen, College of Nursing and Healthcare Innovation, Arizona State University, Phoenix, AZ; Verna M Keith, Sociology and Center for Demography and Population Health, Florida State University, Tallahassee, FL, *Scaling Discourse and Contesting a Post-Katrina Landfill in a New Orleans Vietnamese American Community.***4133. Urban Ecology***Room:* Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Williams, Auburn University

8:00 Ronald Foresta*, University of Tennessee, *Santa Fe Style: Beyond the Scholar's Tale.***8:20** Mukesh Kumar*, DURP, Jackson State University, *A Layout of Regional Logistics Plan for Greater New Orleans.***8:40** Franca Miani, Full Professor*, University Of Parma, *The XXI Century new town planning. Utopia and urban innovative patterns between the Atlantic and the Pacific..***9:00** Greg van der Horst, M.A. Geography*, *Towards an ecologically nuanced urban political ecology.***9:20** John Williams, professor of landscape architecture*, Auburn University, *The Search for Perfect Urban Form.***4134. Neoliberal urban-environmental reconfigurations I: civic environmentalism and governance***Room:* Maine Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): James P. McCarthy, Pennsylvania State University; Kevin Ramsey, University Of Washington

CHAIR(S): Jennifer R. Wolch, University of Southern California

8:00 Kevin S Ramsey*, University Of Washington, *The Cultural Politics of Producing Urban Environmental Subjects: Highway Removal and New Urbanism in Seattle.***8:20** Matthew Toro*, University of Miami, *Changing the Flow of Things?: Water, Politics, and Environmental Perception in Metropolitan Miami.***8:40** Mark D. O. Adams*, University of New England, *The Limits of Civic Environmentalism for Urban Re-configuration: Boulder, Colorado, 1959-2001.***9:00** Kathryn Furlong*, UBC, *Governance, sustainability, and neoliberalization: Important relationships for sustainable infrastructure management in urban water supply.*

Discussant(s): Nik Heynen, University of Georgia

4135. What to make of labor politics (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)*Room:* New Hampshire Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Carrie Breitbach, Chicago State University;

Clayton Rosati, Bowling Green State University

CHAIR(S): Carrie Breitbach, Chicago State University

Panelists: Geoff Mann, Simon Fraser University; Virginia L. Parks, University of Chicago; Clayton Rosati, Bowling Green State University; Marion Traub-Werner, University of Minnesota

4136. Author-Meets-Critics: Loic Wacquant's "Urban Outcasts: A Comparative Sociology of Advanced Marginality" (Sponsored by Urban Geography Specialty Group)*Room:* Vermont Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Tom Slater, University of Bristol

CHAIR(S): Tom Slater, University of Bristol

Panelists: John A. Agnew, University of California - Los Angeles; Melissa R. Gilbert, Temple University; Steve Herbert, University of Washington; Melissa Nobles; Tom Slater, University of Bristol; Theodore Nik, University Of Illinois At Chic; John C. Western, Syracuse University; Loic Wacquant, University of California

4137. Assessing 'Imperial Nature': Thinking through Goldman's 'Constructing an Environmental State in Laos' (Sponsored by Political Geography Specialty Group, Energy and Environment Specialty Group, Environment and Planning D: Society and Space)*Room:* Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Keith Barney, York University; Jerome Whittington, UC Berkeley Anthropology

CHAIR(S): Jerome Whittington, UC Berkeley Anthropology

8:00 Keith D Barney, PhD Candidate*, York University, *Compromised Authority, Contingent Mitigations: Resource Control and Subject Formation in Rural Laos.***8:20** Jerome Whittington*, UC Berkeley Anthropology, *Development's 'Re-Politicization' and the 'Nature' of World Bank Imperialism.*

Introducer: Tania Li

8:50 Michael Dwyer*, University of California, Berkeley, *Turning land into capital - The World Bank and the juridical model of power.*

Discussant(s): Michael Goldman

4138. Immigrants, returnees and globalization (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, China Specialty Group)*Room:* St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Yu Zhou, Vassar College; Sanjeev Kumar

CHAIR(S): Sanjeev Kumar

8:00 Sin Yih Teo*, University of British Columbia, *'Hello China, Farewell Canada': Return Migration and the Cultural Politics of Identity.*

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8:20 Peilei Fan, Ph.D.*, Michigan State University, *Returning back vs. going global: Chinese high-tech firms in the global knowledge network.*

8:40 Yu Zhou*, Vassar College; Jinnyuh Hsu, National Taiwan University, *Divergent engagements: Comparing Taiwan and Mainland China returnee entrepreneurs in the information technology industry.*

9:00 Nir Cohen*, University of Arizona in Tucson, *State and 'Potential' Second Generation Returnees: Negotiating Spaces of Extra-territorial Israeli Citizenship.*

Discussant(s): Chuncui Velma Fan, University of California - Los Angeles; Cindy Fan, UCLA

4139. Urban growth and its impact on the environment - I (Sponsored by Spatial Analysis and Modeling Specialty Group, Urban Geography Specialty Group, Regional Development and Planning Specialty Group)

Room: St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Chandana Mitra, University of Georgia
CHAIR(S): Marshall Shepherd, University of Georgia

8:00 Anthony J. Brazel*, Arizona State University, *Benefits to Society of Urban Climate Research.*

8:20 Chandana Mitra*, University of Georgia, *The dynamics of urban growth of Kolkata, India and its influence on precipitation.*

8:40 Willis Shem, PhD.*, University of Georgia in Athens (UGA); J. Marshall Shepherd, University of Georgia in Athens /Atmospheric Science Program, *Assessing the influence of urbanization on convective precipitation over the Atlanta region- Wrf model simulations.*

9:00 Ming Lei*, Purdue University; Dev Niyogi, Purdue University; Roger A. Pielke, University of Colorado at Boulder; Pyle Patrick, Babcock and Brown, LP; Ashley Victoriabrooks, National weather service, Indianapolis, *The urban effect on summer precipitation in Indianapolis, Indiana.*

4140. Adaptive Capacity in Latin America (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Hallie Eakin, University of California-Santa Barbara; Catherine Tucker, Indiana University
CHAIR(S): Rinku Roy Chowdhury, University Of Miami

8:00 Nathan L Engle, PhD Student*, University of Michigan; Maria Carmen Lemos, Associate Professor, University of Michigan, *Institutional and Governance Indicators for Predicting Adaptive Capacity of River Basin Management to Climate Change in Brazil.*

8:20 Hallie Eakin*, University of California-Santa Barbara; Amy Lerner, University of California, Santa Barbara, *Flood Risk, Water Governance and Changing Livelihoods in the Peri-Urban Interface: A Case Study of Adaptive Capacity in Central Mexico.*

8:40 Catherine M Tucker, PhD*, Indiana University; Hallie Eakin, PhD, Univ of California, Santa Barbara; Edwin Castellanos, PhD, Universidad del Valle de Guatemala, *Rural Resilience and Surprises: Coffee producers, market shocks and severe weather in Central America and Mexico.*

9:00 Rinku Roy Chowdhury*, University Of Miami, *Adaptation as an integrative framework in dynamic social-ecological systems.*

Discussant(s): Diana M. Liverman, University Of Oxford

4141. World City Networks and Global Commodity Chains - II (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Transportation Geography Specialty Group)

Room: St. George D, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Frank Witlox, Ghent University; Celine Rozenblat, Universite De Lausanne

CHAIR(S): Ben Derudder, Ghent University

8:00 Celine Rozenblat*, Universite De Lausanne, *Organizational patterns of urban systems in the global value chain of multinational enterprises.*

8:20 Charles Bohan*, CEFRES, *Supply Arenas in the Global Value Chain of the Motor Industry: Spatial Pattern in Enlarged Europe.*

8:40 Markus Hesse*, Freie Universitaet Berlin, *Cities, flows and the geography of spatial interaction. A typology of urban places.*

9:00 Stefan Lüthi*; Alain Thierstein, *Intra-firm and extra-firm linkages of the knowledge economy - The case of the Mega-City Region of Munich.*

9:20 Eliana Consoni Rossi*, Universidade Federal do Rio de Janeiro; Bertha K. Becker, Universidade Federal do Rio de Janeiro, *Logistics and Brazilian gateway cities linking world cities and global commodity chains.*

4142. Spatial Turns and Cutting Edges: Geographers Engage with Interdisciplinarity

Room: Essex North-West, Westin, 3rd Floor (Panel Session)

ORGANIZER(S): Jamey Essex, University of Windsor; Clayton Rosati, Bowling Green State University

CHAIR(S): Jamey Essex, University of Windsor

Panelists: Peter Bol, Harvard University; Steven Tufts, York University; Carolyn Gallaher, American University; Glen Elder, University of Vermont; Thomas J. Baerwald, National Science Foundation; Jonnell Allen (see session description on page 24)

4143. The Colonial Present III: Changes in the Land (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: Essex North-East, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Laura Smith, Macalester College

8:00 Kevin A. Gould*, University Of British Columbia; Jessica Dempsey, University of British Columbia; Juanita Sundberg, University of British Columbia, *Changing land tenure, defining subjects: neoliberalism and property regimes on Native reserves..*

8:20 Carl Hakansson*, *A Spatial and Legal Analysis of Indian Land Fractionation.*

8:40 Wolfram Dressler*, University of Queensland, *Rural Livelihood Transitions among the Tagbanua of Ulugan Bay, Palawan Island..*

9:00 Christine Mathenge*, Indiana University, *Resilience of Land Subdivision among the Chiga.*

9:20 Kari Forbes-Boyte, Ph.D.*, Dakota State University, *American Indian Religious Freedom, Skiing and Navajo Nation vs. USFS.*

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4144. Practiced architectures: spaces, performances, events 1**Room:** *Essex North-Center, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Peter Merriman, Aberystwyth University; Jane M Jacobs, University of Edinburgh

CHAIR(S): Jane M Jacobs, University of Edinburgh

8:00 Kenneth R. Olwig*, Swedish University Of Agricultural Sciences, Alnarp, *Genius Loci (Unchained): The Chora of Performative Landscape Architecture.***8:20** Hannah Neate*, University of Nottingham, *Nottingham Playhouse: a practiced space.***8:40** Peter Merriman*, Aberystwyth University, *Architecture, movement, dance: inhabiting architectural space with Anna and Lawrence Halprin.***9:00** Bo Stjerne Thomsen*, Aalborg University; Ole B Jensen, Professor, Aalborg University, *Performative Urban Architecture - place-making between architecture and socio-technical systems.***9:20** John Snaveley*, MIT; Kascha Semon Snaveley, PhD Candidate*, Boston College, *Design from the Inside Out: Non-Cartesian Architectural Representational Tools.***4146. Population Specialty Group Student Paper Competition (Sponsored by Population Specialty Group)****Room:** *Parliament Room #1, Westin, 7th Floor* (Paper Session)

ORGANIZER(S): Ellen Percy Kraly, Colgate University

CHAIR(S): Ellen Percy Kraly, Colgate University

8:00 Jason Davis*, U.C. Santa Barbara, *Flowing Wealth, Circulating Labor and Reproduction in Central American and Caribbean Households.***8:20** Amber S. McIlwain, M.S.*, University of Kentucky, *District-level analysis of spatial differentials in fertility and the 0-6 year sex ratio: results from the 2001 Census of India.***8:40** Kyle Walker*, University of Minnesota - Minneapolis, *Immigration, Suburbia, and the Politics of Population in US Metropolitan Areas.*

Discussant(s): Ellen Percy Kraly, Colgate University

4147. Cyberinfrastructure-Panel (Sponsored by Cyberinfrastructure Specialty Group, Geographic Information Science and Systems Specialty Group)**Room:** *Empire Room #6, Westin, 7th Floor* (Panel Session)

ORGANIZER(S): Chaowei Yang, George Mason University; Robert Raskin, Jet Propulsion Lab

CHAIR(S): John R. Townshend, University of Maryland

Panelists: John R. Townshend, University of Maryland; Dawn J. Wright, Oregon State University; Mark Gahegan, Pennsylvania State University; Timothy L. Nyerges, University of Washington; Myra Bambacus, NASA Geosciences Interoperability Office; Robert Raskin, Jet Propulsion Lab

4148. CoMa - Norbert Psuty Student Paper Competition I (Sponsored by Coastal and Marine Specialty Group, IGU Commission on Coastal Systems)**Room:** *North Star Room #10, Westin, 7th Floor* (Paper Session)

ORGANIZER(S): Steve Namikas, Louisiana State University

CHAIR(S): Steve Namikas, Louisiana State University

8:00 Laura Merner*, *Assessing Drivers of Bald-Cypress Mortality in Forested Wetlands of Louisiana.***8:20** Christopher Brehme*, University at Buffalo, *Biology, Boats, and Boundaries: predicting potential overlap of whales, lobster fishing gear and regulatory lines.***8:40** Dawn Gedenberg*, Clark University, *Demonstrating a Risk-Based Approach to Rapid Vulnerability Assessment in New England Fishing Communities.***9:00** Katherine Anne Renken*, East Carolina University, *Volumetric changes in the morphologic zones adjacent to inlets in microtidal barrier islands, Outer Banks, North Carolina.***9:20** James G Zoulas*, University of California, Los Angeles, *Management of Eroding Beaches: A Sisyphean Effort?.***4149. Climate History I: Histories from Rivers, Lakes and Oceans (Sponsored by Climate Specialty Group, Paleoenvironmental Change Specialty Group)****Room:** *Defender Room #5, Westin, 7th Floor* (Paper Session)

ORGANIZER(S): Georgina Endfield, University of Nottingham; David Nash

CHAIR(S): Georgina Endfield, University of Nottingham

8:00 Dennis Wheeler, Dr.*, University of Sunderland, UK, *Filling the oceanic gap: ships' logbooks in climatic studies 1680 to 1850..***8:20** Michael Chenoweth*, None, *A Multi-century Record of Caribbean Region Tropical Cyclones, 1690 to present.***8:40** Sharon Nicholson*, Florida State University, *Quantifying the historical climate record for Africa: added value to historical records and information.***9:00** Neil Macdonald*, University of Liverpool, *Historical Flood Chronologies: A Valuable Resource in Re-evaluating Flood Risk and Determining Periods of Hydroclimatic Variability.***9:20** Rosario Prieto*, Environmental Unit, IANIGLA-CRICYT, Mendoza, *Reconstructing hydroclimatic variability in the high and middle basin of the Bermejo River (Subtropical Andes of Argentina-Bolivia) during the 18th and 19th centuries.***4150. Resources and Empire 1 (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)****Room:** *Adams Room #2, Westin, 7th Floor* (Paper Session)

ORGANIZER(S): Gavin Bridge, University of Manchester;

Tomas Frederiksen, University of Manchester

CHAIR(S): Gavin Bridge, University of Manchester

8:00 Mazen Labban*, University of Miami, *Capital v the law: geographical contradictions of Iranian oil.***8:20** Nayna J Jhaveri*, Colgate University, *Theorizing U.S. Empire: National Sovereignty and Oil's Ecoliquidity.***8:40** Jacque (Jody) L. Emel*, Clark University; Madoshi Makene, Clark University, *Neoliberal rationalizations of property in the goldfields of Tanzania.***9:00** Brent Zachary Kaup*, University of Wisconsin - Madison, *Nationalizing Neoliberalisms or Neoliberalizing Nationalizations? Regulating Struggle in Bolivia's Natural Gas Sector From 1990 to Present.*

Discussant(s): Scott Prudham, University of Toronto

4151. Changing Arctic (Sponsored by Cryosphere Specialty Group)**Room:** *Great Republic #7, Westin, 7th Floor* (Paper Session)

ORGANIZER(S): Anna Klene, University of Montana

CHAIR(S): Anna Klene, University of Montana

8:00 Mauri S. Pelto, Dr.*, Nichols College, *Pacific Northwest Glacier Mass Balance Equilibrium or Disequilibrium Response?.***8:20** Todd H. Albert*, Bowling Green State University, *A mass-balance profile for the Greenland Ice Sheet.***8:40** Nathan S. Amador*, Ohio State University; Jason Box, Dr., The Ohio State University, *Supra-glacial Melt Lake Sensitivity to Climate Variability on the Greenland Ice Sheet.***9:00** Harley Jesse Walker*, Louisiana State University; Molly McGraw*, Southeastern Louisiana University, *The*

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Conversion of a Lake into a Distributary Channel in the Colville River Delta, Alaska.

- 9:20 Oliver W. Frauenfeld, PhD*, University of Colorado; Tingjun Zhang, PhD, University of Colorado, *Potential Drivers of Changes in the Seasonally Frozen Ground Regions of the Russian Arctic.*

4155. Seeing Change from Space: Remote Sensing and Land Cover Change

Room: Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Alexander Vladimirovich Prishchepov, University of Wisconsin, Madison

- 8:00 Jida Wang*, Department of Environmental and Resource Engineering, College of Environmental Science and Forestry, State University of New York; Jiashi Wang, Department of Environmental and Resource Engineering, College of Environmental Science and Forestry, State University of New York; Giorgos Mountrakis, Department of Environmental and Resource Engineering, College of Environmental Science and Forestry, State University of New York, *Modeling Land Use Changes in Colorado over a 60-year Period.*

- 8:20 Abinash Bhattachan*, School of Public and Environmental Affairs, Indiana University, Bloomington, IN; Kelly K Caylor, Department of Civil and Environmental Engineering, Princeton University, Princeton, NJ, *Characterizing 33-year shifts in vegetation pattern of southern African savannas using high-resolution declassified satellite imagery.*

- 8:40 Jamon Van Den Hoek*, University of Wisconsin - Madison, *Spatio-Temporal Patterns of Change in the Forests of Yunnan Province, China.*

- 9:00 Alexander V Prishchepov*, University of Wisconsin-Madison; Volker C Radeloff, University of Wisconsin-Madison, *Satellite image dates and their effects on change detection accuracy for the assessment of agricultural abandonment in Eastern Europe.*

- 9:20 Itzhak Kutra*, Desert Research Institute, NV, USA; Nicholas Lancaster, Desert Research Institute, NV, USA, *Changes in Sand Environments at Northern Coachella Valley (CA) from Satellite Thermal Infrared Data.*

4156. Influence of Climate on Human Activities

Room: Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Crystal Bergman, Western Kentucky University

- 8:00 Jeffrey Underwood, Ph.D.*, University of Nevada, *Fog-related Roadway Accidents in the San Joaquin Valley of California.*

- 8:20 Noriyuki Sato*, California State University, Chico, *Winter-Road Conditions and Maintenance Activities: What Impacts does Climate Change Exert?*

- 8:40 John Jeffrey Martin, Ph.D.*, Jacksonville University, *Climate, Weather, and Baseball Stadiums in St. Petersburg, Florida.*

- 9:00 Jeffrey C Brunskill*, Bloomsburg University of Pennsylvania, *Is the Weather Here Normally Like This? - A Study of Geographic Variability Associated with the Use of Everyday Weather Terms.*

- 9:20 Crystal J. Bergman*, Western Kentucky University; Stuart A. Foster, Western Kentucky University, *An Analysis of Impacts Resulting from the Kentucky Drought of 2007.*

4157. Historical Geography and Water Resources

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Samuel Hanes, Rutgers University

- 8:00 Judith Dykes-Hoffmann, Dr.*, Texas Lutheran University, *The Oasis of Texas - the Comal River: Creating an Identity in New Braunfels for a Texas River.*

- 8:20 Wendy W Patzewitsch*, Louisiana State University, *Ripples from a Little-Known Levee: Bursleson County Improvement District No. 1.*

- 8:40 Teresa Cohn*, Montana State University, *Environment, Settlement, and Identity: Understanding Processes of Vegetative Change along Wyoming's Wind River.*

- 9:00 Christine S McCulloch*, Oxford University Centre for the Environment, *The Water Resources Board: England and Wales' venture into national water resource planning 1964-73..*

- 9:20 Samuel Hanes, PhD Candidate*, Rutgers University, *Modernizing American Oyster Conservation: The Role of the Shellfish Commissions, 1880-1920.*

4158. Alluvial Fans, Terracette, and Geomorphic Analysis

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thad Wasklewicz, University of Memphis

- 8:00 Brandon J. Weihs*, University of Nebraska at Omaha; John F. Shroder, PhD, University of Nebraska at Omaha; David R. Butler, PhD, Texas State University, *Terracette Morphogenesis in the Loess Hills of Iowa.*

- 8:20 Erminio Fernandes, Dr. Fernandes*, University of São Paulo / Senac University of São Paulo; Benjamin Capellari, Msc. Capellari, University of São Paulo / Senac University of São paulo, *Evidences of neotectonic influences in the relief of Taquari River Alluvial Fan in Pantanal, Brazil.*

- 8:40 Deborah Woodcock*, Clark University; John Rogan, Clark University; Samuel Blanchard, Clark University, *Massachusetts' drumlins, landform alteration and loss, and the future of New England's glacial landscapes.*

- 9:00 Mark D. Green*, Indiana State University, *A Geomorphic Analysis of the Mitrou Islet, Central Greece.*

- 9:20 Thad Wasklewicz*, East Carolina University; Monika Mihir, ABD, University of Memphis; Takashi Oguchi, Ph.D., University of Tokyo; Dennis M Staley, Ph.D., United States Geological Survey, *Recurrent Surface Complexity in Arid and Humid Debris Flow Fans.*

4159. Frontiers of GIS

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bobby Braswell, University of New Hampshire

- 8:00 Ruihong Huang*, Northern Arizona University, *An Internet GIS Framework and Data Model for Safe Routes to School.*

- 8:20 David Siegel*, Harvard University, *An Efficient Web-Based Spatial Data Browse Methodology.*

- 8:40 Youliang Qiu*, University of Florida, *Tagged Sketch Map: Bridging Unstructured Information to Web-based Collaborative Spatial Decision Support System.*

- 9:00 Aaron T Myers*, Oak Ridge National Laboratory; Daniel Getman, Oak Ridge National Laboratory; Upendra Dadi, Oak Ridge National Laboratory, *Toward a Comprehensive Evaluation of Web-Based GIS Server Software.*

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- 9:20** Bobby Braswell*, University of New Hampshire; Kurt Schwehr, University of New Hampshire; Thomas Milliman, University of New Hampshire; Justin Fisk, University of New Hampshire, *Open Geoscience: Using Free and Open Source Software for Research and Education.*
- 4160. Sustainable Development in the New Millennium**
Room: *Beacon G, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Lakshman Yapa, Pennsylvania State
 CHAIR(S): Kathleen McAfee, San Francisco State University
8:00 Ikubolajeh Logan*, Penn State, *Ecological Economics, Intra-Generational Equity and Poverty in Africa.*
8:20 Kevin J. A. Thomas*, Pennsylvania State University, *Urban population growth and the prospects for achieving the UN goals on environmental sustainability.*
8:40 Rebecca Carrie Witter, PhD Candidate Anthropology*, University of Georgia, *Moving People. Conservation related resettlement and Sustainable Development.*
9:00 Lakshman Yapa*, Pennsylvania State University, *Jeffrey Sachs on "The End of Poverty": Is that really possible?.*
 Discussant(s): Kathleen McAfee, San Francisco State University
- 4161. Fish Stories in Environmental Geography**
Room: *Beacon H, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Tracy Van Holt, University of Florida
8:00 José A Alves-Gomes*, Instituto Nacional de Pesquisas Da Amazônia, *The biogeography of migratory catfishes and its relations to the urban network in the Brazilian Amazon..*
8:20 Michael A Robinson, PhD candidate*, UCSB Geography Dept; David A Siegel, PhD, UCSB Institute for Computational Earth System Science (ICESS), *Consistency and heterogeneity in commercial fishing fleets: Effects on fleet modeling and fish stock management.*
8:40 Matthew Goslin*, Ecotrust; Pete S Rand, Wild Salmon Center; Xanthippe Augerot, Wild Salmon Center, *Global assessments of sockeye salmon (*Oncorhynchus nerka*) and other anadromous species using IUCN Red List criteria.*
9:00 Tracy Van Holt*, University of Florida, *Influences of Landscape Change on Loco (*Concholepas concholepas*) Health Related Characteristics.*
- 4162. Applications of Fuzzy Sets and Systems in Geography (Sponsored by Geographic Information Science and Systems Specialty Group)**
Room: *Kent, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Liem Tran, University of Tennessee at Knoxville; Ola Ahlqvist, The Ohio State University
 CHAIR(S): Liem Tran, University of Tennessee at Knoxville
8:00 Hyowon Ban*, Department of Geography, The Ohio State University, *Web-based Interactive Visualization of Different Definitions of Exurban Areas.*
8:20 Ola Ahlqvist*, The Ohio State University, *The use of fuzzy number parameterized semantic descriptions to assess graded land cover changes between 1992 and 2001 categorical National land Cover Data.*
8:40 Feng Qi*, Kean University; A-Xing Zhu, University of Wisconsin-Madison, *Knowledge Discovery with Ensemble Learning for Classifying Geographic Entities with Fuzzy Boundaries.*
9:00 Peter F Fisher*, University of Leicester, *The Ecotone as a Type 2 Fuzzy Set.*
- 4163. What's Just?: Mapping the State of Geographies of Justice (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Sexuality and Space Specialty Group)**
Room: *Jefferson, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Jennifer Giesecking, CUNY - Graduate Center; Sara Koopman, University of British Columbia
 CHAIR(S): Melissa W. Wright, Penn State University
8:00 Matthew Mitchelson*, University of Georgia, *Mass Imprisonment is Social Justice: The 'Ends' Is Near!.*
8:20 Jen Giesecking*, CUNY - Graduate Center, *Gracious Empowerment: Women's Gender and Class Identity Development on an Elite College Campus.*
8:40 Kari B. Jensen*, Hofstra University, *Who is to decide what social justice is for child servants in Dhaka?.*
9:00 Sara Koopman*, University of British Columbia, *Making Space for Peace.*
9:20 Andrew David Cumbers*, University Of Glasgow, *Global justice networks and the practice of transnational solidarity.*
9:40 Paul Routledge*, University of Glasgow; Andrew Cumbers, Dr., University of Glasgow, *Global justice networks and the practice of transnational solidarity.*
- 4164. RSSG Student Honors Paper Competition (Sponsored by Remote Sensing Specialty Group)**
Room: *Exeter, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Amy Neuenschwander
 CHAIR(S): Amy Neuenschwander
8:00 Joseph Fortier*, Clark University; J Rogan, Clark University; C E Woodcock, Boston University, *Utilizing temporally invariant training sites to classify multiple dates of satellite imagery.*
8:20 Wenhui Wang*, Geography Department, University of Maryland; Shunlin Liang, Geography Department, University of Maryland, *Estimating High Spatial Resolution Clear-Sky Land Surface Downwelling Longwave Radiation from MODIS Data.*
8:40 Jose L Silvan*, Texas State University - San Marcos, *Retrieval of sub-pixel Tamarix canopy cover from Landsat data along the Forgotten River: Assessing the influence of multiple scattering.*
- 4165. Contemporary Issues in Economic Geography (Sponsored by Economic Geography Specialty Group)**
Room: *Berkeley, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): William B. Beyers, University Of Washington
 CHAIR(S): William B. Beyers, University Of Washington
4:30 John R. Bryson, Professor*, University of Birmingham, *Transnational relationships and the Creation and Delivery of Bespoke Clothing..*
4:50 Peter A. Wood*, University College London, *Regional variations in the quality of British business services..*
5:10 William B. Beyers*, University Of Washington, *Evaluating Regional Trends in New Industry Classifications in the United States.*
5:30 Derik Andreoli, Ph.C.*, University of Washington, Geography; Anne Goodchild, Ph.D., University of Washington, Civil and Environmental Engineering, *Structural and Geographic Shifts in Puget Sound's Warehousing Industry: Natura non facit saltum?.*
5:50 John R Bryson, Prof, University Of Birmingham; Michael J Taylor, Prof, University Of Birmingham; Peter W. Daniels*, University Of Birmingham, *Business and Professional Services and Regional Economic Development in the West Midlands, UK.*

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4166. Animal Geographies 1: Current and Future Research - New Directions (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: Hampton A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Julie Urbanik, Westfield State College; Kristin L. Stewart, FSU

CHAIR(S): Kristin L. Stewart, FSU

8:00 Henry Buller*, University of Exeter, UK., "'Arf' she said". *Some thoughts on geography's current engagement with animal agency.*

8:20 Maria Paula Escobar Tello*, *Becoming a Trafalgar Square Pigeon: from modern fixed identities to cosmopolitan relational ontologies.*

8:40 William S. Lynn*, Tufts University, *The Challenge of Animals for Geography: Theory, Method and Ethics.*

9:00 Robert Wilson*, Syracuse University, *Animal Mobility and Gridded Landscapes: Charting a New Path for Animal Geographies.*

Discussant(s): William S. Lynn, Tufts University

4167. Applications of GIS in Utility, Resource, and Community Management

Room: Hampton B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael A. Camille, University Of Louisiana at Monroe

8:00 Francis Owusu*, Iowa State University; Monica Haddad, Department of Community & Regional Planning, Iowa State University; Gary Taylor, Department of Community & Regional Planning, Iowa State University, *Why Do Ethanol Plants Locate Where They Do? Locational Choices of Ethanol Refineries in the American Midwest.*

8:20 Michael W Dulin, B.S.*, Kansas State University; J.M. Shawn Hutchinson, Ph.D, Kansas State University; Robert Atchison, B.S., Kansas Forest Service (KSU), *Kansas Forest Stewardship Program: Spatial Analysis Project.*

8:40 Carrie J. Chitty, M.Sc Student*, University of Wyoming; Scott N. Miller, PhD, Department of Renewable Resources, University of Wyoming; Wanjiku Chiuri, PhD, Department of Environmental Science, Egerton University, Kenya, Africa, *Gender based community resource and development mapping on a watershed scale utilizing a 3-dimensonal model and geographic information science.*

9:00 Michael A. Camille*, University Of Louisiana at Monroe, *The Mapping of Petrochemical Pipelines in Northern Louisiana- Fourth Year Results.*

9:20 Carola Hein*, Growth and Structure of Cities Program, Bryn Mawr College, *Global Petroleum Networks and the Transformation of the Built Environment.*

4172. Theorising Youth Transitions and the Life Course I

Room: Dalton, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Nancy Worth, University of Leeds; Matthew Higgs

CHAIR(S): Eleanor Wilkinson, University of Leeds

8:00 Nancy Worth*, University of Leeds, *Becoming: A Theory of Youth Transition.*

8:20 Tracy Shildrick*, University of Teesside, *Bereavement: a 'critical' or 'fateful' moment in marginalised youth transitions.*

8:40 Stuart C. Aitken*, San Diego State University, *Father Along the Road: Emotional Mappings of Father/Child Transitions and Correspondences.*

Discussant(s): Kathrin Hoerschelmann, University of Durham, U.K.

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10:10 AM - 11:50 AM

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10:10 AM - 11:50 AM**4202. Race and Space***Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Euan Hague, DePaul University

10:10 Kristen L Michaud*, University of Massachusetts at Amherst, *A geographic approach to the Japanese internment camps in Arizona during WWII.***10:30** Elizabeth Hines*, University Of North Carolina - Wilmington, *The Wilmington Ten.***10:50** Daniel P O'Connor*, *The Pigmentation of Space: Assessing Spatial Monoracialization in Theory and Praxis.***11:10** Bradley S Gardener*, CUNY- Graduate Center, *Heterolocalism and Dialectics: A Different Approach in Racial/Ethnic Geography.***11:30** Euan Hague*, DePaul University, *"The right to enter every other State" - Mobility and Racial Identities in the United States.***4203. The Geography of Disease***Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jared R. Aldstadt, University at Buffalo

10:10 Carolyn M Gallagher, MPA*, Graduate Program Public Health, Stony Brook University Medical Center; Jaymie R Meliker, PhD, Graduate Program Public Health, Dept Preventive Medicine, Stony Brook University Medical Center; Pierre Goovaerts, PhD, BioMedware, Inc.; Geoffrey Jacquez, PhD, BioMedware, Inc.; Youngping Hoa, PhD, American Cancer Society; Ahmedin Jemal, PhD, American Cancer Society, *Racial Disparities of Lung Cancer Mortality in US Congressional Districts.***10:30** Grant Gibson, MA, BA (hons)*, University of Liverpool, *Experience of Place amongst men suffering from Parkinson's Disease.***10:50** Regina R Edziyie*, University of North Texas; Joseph R Oppong, University of North Texas; Patrick K Moonan, Centers for Disease Control and Prevention, Division of Tuberculosis Elimination; School of Public Health, University of North Texas Health Science Center of Fort Worth; Stephen E Weis, Dept. of Medicine, Univ. of North Texas Health Science Center at Fort Worth; Tarrant County Public Health Department, Fort Worth, Texas Department of Health and Human Services, Austin, *Analysis of the Genotypic Distribution of Tuberculosis by Census Tract in Tarrant County, TX..***11:10** Alan M Delmerico, MA*, Center for Health and Social Research, Buffalo State College; William F Wiczorek, PhD, Center for Health and Social Research, Buffalo State College, *Preliminary Assessment of Community Risk Factors for Type-2 Diabetes.***11:30** Jared Aldstadt*, University at Buffalo; Arthur Getis, San Diego State University, *Cluster Sampling of Dengue Virus Transmission.***4204. Temporal and Simulation Analyses of ENSO and NAO***Room: Exeter Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): James A. Miller, Arizona State University

10:10 Melissa Lynn Malin*, University of Delaware, *Removing Noise from the North Atlantic Oscillation Index: A New Index for Long-Term Impact Assessments.***10:30** Jialin Lin*, Department of Geography, The Ohio State University, *Global Climate Models Used for IPCC Climate Change Projections: How Well Do They Simulate Contemporary Tropical Climate?.***10:50** Anna M Szyniszewska*, University of Florida; Peter R Waylen, University of Florida, *Assessing the probability of agricultural climate shocks in Central Thailand.***11:10** James A. Miller*, California State University- Fullerton, *Modulation of the El-Niño Southern Oscillation by the North Atlantic Oscillation in the southwestern United States.***4205. New State Spatialities II: Analysing State Spatiality in Europe***Room: Fairfield Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): John Harrison; Julie MacLeavy

CHAIR(S): Julie MacLeavy

10:10 Stijn Oosterlynck*, Katholieke Universiteit Leuven, *After-Fordism and the institutionalisation of new regional state spaces in Belgium.***10:30** Birgul Kutun*, Full Time Student, *Reshaping New European Spaces: Business Elites and the Spatial Politics of Turkey's EU Accession.***10:50** Daniela Coimbra-De-Souza*, Vienna University for Economics and Business Administration, *New regions and the formation of new state spaces in Europe: insights from the Centroepe Region.***11:10** Krisztina Varro*, Radboud University Nijmegen, The Netherlands, *New State Spaces of Development and Continuing Centralism in Hungary. A Discourse-Theoretical Perspective on the Territorialisation of Neoliberalism.*

Discussant(s): John Harrison

4206. Global knowledge nodes and networks in higher education and research I*Room: Harvard Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Michael Hoyler, Loughborough University; Heike Joens, Loughborough University

CHAIR(S): Michael Hoyler, Loughborough University

10:10 Philip G. Altbach*, Boston College, *Globalization and Internationalization of Higher Education.***10:30** Kris Olds*, University Of Wisconsin-Madison; Susan L Robertson, University of Bristol, *'Clusters', 'Hubs', 'Hotspots' and 'Networks': A Case of Fashionable Discourse or a New Geography of Global Knowledge Production for Higher Education?.***10:50** Jane Kenway, Professor*, Monash University; Johannah Fahey, Dr, Monash University, *Trajectories of thought, traces of travel.***11:10** Rebecca Boden*, UWIC; Maria Nedeva, Dr, University of Manchester, *Knowledge networks, nodes and new organisational forms.***11:30** Michael Hoyler*, Loughborough University; Heike Joens*, Loughborough University, *Top of the World? A Critical Appraisal of World University Rankings.*

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4207. Rural and Small Town Dynamics II (Sponsored by Rural Geography Specialty Group, Population Specialty Group)*Room:* Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): John Cromartie, USDA; Alexander C. Vias, University Of Connecticut

CHAIR(S): Peter B. Nelson, Middlebury College

10:10 Alexander C. Vias*, University Of Connecticut, *The Role of Area Definitions in the Analysis of Rural/Urban Health Disparities in Connecticut.***10:30** Christiane Von Reichert*, The University of Montana; John Cromartie, Economic Research Service; Robert Gibbs, Economic Research Service, *Counterstream Migration to Geographically Disadvantaged Rural Counties.***10:50** Elise Bowditch*, University of Washington; Suzanne Davies Withers, Associate Professor, University of Washington, *A Shallow Crater: Sudden Job Loss In A Small Urban Area.***11:10** Matthew W. Foulkes*, University Of Missouri; Lance George, Housing Assistance Council, *Spatial variation of the risk of manufactured housing community closures..***4208. Contested Hydro-Politics in the Mediterranean***Room:* Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Erik Swyngedouw, University of Manchester; David Sauri, Universitat Autònoma de Barcelona

CHAIR(S): Erik Swyngedouw, University of Manchester

10:10 David Sauri*, Universitat Autònoma de Barcelona; Anna Ribas, Department of Geography, Universitat de Girona, Spain; Lluís Ribera, Department of Geography, Universitat de Girona, *The Hydrosocial cycle of Mediterranean ephemeral streams: a case study in the North-Western Mediterranean.***10:30** Jorge Olcina*, Departamento de Análisis Geográfico Regional. Universidad de Alicante, *Urban Development And The Extremes Of Nature In The Coastal Areas Of Eastern Spain.***10:50** Ilaria Giglioli, St. Peters College, Oxford University; Erik Swyngedouw*, University of Manchester, *Let's Drink to the Great Thirst! Water, Mafia, Politics and the Perverse Pleasures of Incoherent Water Technonatures in Sicily.***11:10** Marc Parés*, School of Environment and Development. University of Manchester; Hug March, Geography Department. Universitat Autònoma de Barcelona., *Neoliberal watered spaces in the Mediterranean conurbations: Urban Political Ecology of the green city.***11:30** Andreas Thiel*, Division of Resource Economics, Humboldt University Berlin, *Europeanization And The Re-Scaling Of Water Management As State Spatial Strategies: The Case Of The Algarve.***4209. British Perspectives on Geography Education Research I: Conceptual Understandings in School Geography (Sponsored by International Network for Learning and Teaching Geography in Higher Education, Geography Education Specialty Group)***Room:* MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Michael N. Solem, Association of American Geographers; Nick Hopwood, Oxford University

CHAIR(S): Michael N. Solem, Association of American Geographers

10:10 Eleanor M. Rawling*, University of Oxford, *Planning for Conceptual Understanding in School Geography.***10:25** Nick Hopwood*, Oxford University, *Space and Place in Students' Learning and Conceptions of Geography.***10:40** Fran Martin*, University of Exeter, *'Trainee Primary Teachers' Everyday Geographies and their conceptions of Place and Space'.***10:55** Clare Brooks, PhD*, Institute of Education, *'Expert' Geography Teachers' understanding of space and place: does it affect their teaching?.*

Introducer: Graham Butt

Discussant(s): Sarah Witham Bednarz, Texas A&M University

4210. Remaking governance, mobilizing policy: mapping new geographies of institutional transformation I (Sponsored by Economic Geography Specialty Group)*Room:* Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Jamie Peck, University of Wisconsin, Madison; Neil Brenner, New York University

CHAIR(S): Theodore Nik, University Of Illinois At Chic

10:10 Jamie Peck*, University of Wisconsin, Madison; Neil Brenner, New York University; Nik Theodore, University of Illinois at Chicago, *Variegated regulation, variegated neoliberalization.***10:30** Margit Mayer*, Freie Universitaet Berlin, *Activating Policies in Employment and Community Development: Comparing Recent Patterns in Germany and the United States.***10:50** Rianne Mahon*, Carleton University, *From Neo(Social)liberalism to neoliberalism (again): governance of child care in Canada.***11:10** Katharine N. Rankin*, University of Toronto, *Manufacturing rural finance in Asia: the politics of development institutions.***11:30** Wendy Larnar*, University of Bristol; Nina Laurie*, Newcastle University UK, *Travelling technocrats, embodied knowledges: globalising privatisation in telecoms and water.***4211. RSSG, GIS, & Cartography Illustrated Paper Competition (Sponsored by Remote Sensing Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)***Room:* Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Amy Neuenschwander

CHAIR(S): Amy Neuenschwander

10:10 Oh Seok Kim*, Clark University, *Contribution of GIScience to Carbon Credit Estimation.***10:15** Angira Baruah*, Dept. of Geography, University of Maryland, College Park, *A comparison of SeaWiFS and MODIS ocean color data for mapping the levels of eutrophication concentration in the Gulf of Mexico.***10:20** Sheila A Kazar*, West Virginia University, *Characterization of Surface Mine Reclamation Sites using a Tasseled Cap transformation.***10:25** Jeffrey J Dunn*, West Virginia University Department of Geology and Geography; Timothy Warner, PhD, West Virginia University Department of Geology and Geography, *Remote Sensing of Grazing Halos: Examining Policy in the Florida Keys National Marine Sanctuary.***10:30** Alvin Rentsch*, University of Louisville, *Predicting the Occurrence of Invasive Species Using Environmental and Remotely Sensed Data.***10:35** Susan J. Bergeron*, West Virginia University, *Living a Virtual Past? : GIS and Serious Gaming Environments as tools in recreating and exploring past landscapes.***10:40** Duquesnoy Amy*, Salem State College, *Deforestation in Maine.*

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10:45 Daniel Hudson*, Salem State College, *Measuring the Shrinking Glaciers on Mt. Hood, Oregon..*

10:50 Benjamin Michaud*, Salem State College, *Evacuation Routes: A disaster is imminent to the peoples of Massachusetts and Rhode Island, how many will survive?*

10:55 Jim Langill*, Salem State College, *The burning of Yellowstone: Were the fires of 1988 as devastating as the media portrayed?*

11:00 Lyndsey Girod*, Dartmouth College; Xun Shi, Dartmouth College, *A Comparison of LiDAR-based DEM and USGS DEM for Digital Soil Mapping.*

11:05 Alicia Simonti, MA Candidate*, Clark University; Ron Eastman, PhD, Clark University; John Rogan, PhD, Clark University, *Image Time Series Analysis of SeaWiFS Ocean Color Product for the Investigation of Ocean Chlorophyll Dynamics.*

11:10 Benoit Parmentier*, Clark University; Benoit Parmentier, Clark University, *Using Hyperspectral imagery to map the distribution of Fraxinus species and Emerald Ash Borer host trees in Michigan and Ohio, USA..*

11:15 Bardan Ghimire*, Clark University; John Rogan, Clark University, *Incorporating spatial dependence in random forest classification models.*

4212. Treeline Ecotones - II (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Lynn Resler, Virginia Tech; Matthew F. Bekker, Brigham Young University

CHAIR(S): Carol F. Sawyer, University of South Alabama

10:10 Daniel J. Weiss*, University of North Carolina, *A Multiscale Spatial Analysis of Hypothesized Controls on the Alpine Treeline Ecotone in the Western United States.*

10:30 Dawna L. Cerney*, Youngstown State University; Kirk M. Stueve, Texas A and M; Laurie L. Kurth, USDA Forest Service; Regina M. Rochefort, Ph.D., North Cascades National Park Service, *Post-fire tree establishment patterns at the alpine treeline ecotone: Mount Rainier National Park, Washington, USA.*

10:50 Clayton Whitesides*, Brigham Young University; Matthew F. Bekker, Brigham Young University, *Effects of Rocky Substrate on the Lower Treeline Ecotone in Northern Yellowstone National Park.*

11:10 Grant Elliott*, University of Minnesota, *The Ecotonal Dynamics of Upper Treeline in the Southern Rocky Mountains.*

11:30 Matthew Germino*, Idaho State University, *Synthesis of positive-feedback switches that couple biotic and abiotic factors affecting tree establishment in treelines of the Rocky Mountains, USA..*

4213. Tourists in Forests

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kendrick J. Curtis, University of Tennessee

10:10 Stephen M. O'Connell*, Oklahoma State University, *An Historical and Geographic Examination of Changing Automobile Landscapes of National Parks.*

10:30 Mark Alan Sundermeier*, The Ohio State University, *Postindustrial exurban forests in Appalachia: the role of tourism.*

10:50 Kassia C. Randzio, M.S. in process*, UMass Amherst, *The Debate Over Wild Sky: A Case Study in U.S. Forest Service Community Involvement.*

11:10 Lisa Jordan Powell*, University of Texas at Austin, *Beauty and the Brochure: Representations of Nature in the Tourist Literature of the Tennessee Gateway Communities to Great Smoky Mountains National Park.*

11:30 Kendrick J. Curtis*, University of Tennessee, *Mountain Resort Development and Decentralized Wastewater Systems: Evidence from Sevier County, Tennessee.*

4214. China's New Geography of Innovation and Industrial Clustering (Sponsored by China Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): George Lin, University of Hong Kong; Alana Boland, University of Toronto

CHAIR(S): Xiaoping Shen, Central Connecticut State University

10:10 Ingo Liefner*, Justus Liebig University Giessen, *Spin-off Enterprises in China: Formation and Performance.*

10:30 Fangzhu Zhang*, Cardiff University; Phil Cooke, Cardiff University; Fulong Wu, Cardiff University, *State-Sponsored R&D: A Case Study of China's Biotechnology Development.*

10:50 Cassandra C. Wang*, The University of Hong Kong, *Emerging Geography of the ICT Industry in China: Insight from the 2004 Economic Census.*

11:10 Zhiyong Hu, Dr.*, IGSNRR, CAS, *Beyond the State-Market Approach: Regional Institutional Milieu and the Organizational Restructuring of State-owned Enterprises in Shenyang.*

11:30 Xiaoping Shen*, Central Connecticut State University; Shangyi Zhou, Beijing Normal University, Beijing, China, *The rise and spatial clustering of cultural industries in China.*

4215. Weather and Society*Integrated Studies (WAS*IS) I: Climatology and Hazards of Severe Storms (Sponsored by Climate Specialty Group, Hazards Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Walker S. Ashley, Northern Illinois University

CHAIR(S): Walker S. Ashley, Northern Illinois University

10:10 Gregory B Goodrich, PhD*, Western Kentucky University; John M Walker, Western Kentucky University; Ronnie D Leeper, Western Kentucky University; Petrina Smith, Western Kentucky University; Mary L Johns, Mississippi State University; Brian M Biache, Western Kentucky University; William N Rodgers, Western Kentucky University; Kylie J Batson, Western Kentucky University, *Development of the Kentucky Snowfall Index Scale.*

10:30 Ashley R Coles*, University of Arizona, *Managing Flash Floods: Risk Perception from a Cultural Perspective.*

10:50 Arthur N. Samel*, Bowling Green State University, *Yangtze River Valley Summer Monsoon Rainfall Teleconnections with Pacific Ocean SST.*

11:10 Greg Carbin*, NOAA/National Weather Service/Storm Prediction Center, *Use of North American Regional Reanalysis to construct a severe thunderstorm environment climatology for the continental United States.*

11:30 Walker S. Ashley*, Northern Illinois University, *Lightning Fatalities in the United States: An Assessment of Risk and Vulnerabilities.*

FRIDAY, APRIL 18**10:10 AM - 11:50 AM****4200****4216. Military Geography and the 21st Century (Sponsored by Military Geography Specialty Group)**

- Room:* Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Steven Oluic, USMA; James Chastain, United States Military Academy
 CHAIR(S): Steven Oluic, USMA
10:10 Steven Oluic, PhD*, USMA, *Serbia's Sandzak - A Radical Islamic Space?*.
10:30 Eugene J. Palka, Professor*, US Military Academy, West Point, *Climate Change and Potential Effects on Future U.S. Military Operations*.
10:46 Francis A. Galgano, Ph.D.*, Villanova University, *Environmental Security: A Framework for Conflict Analysis*.
11:02 Kurt A. Schroeder*, Plymouth State University, *The Geography of the Russo-Turkish War (1877-1878)*.
11:18 Jon A. Bushman*, United States Military Academy, *Making the National World War II Memorial While Preserving Open Space*.

4217. Sense of Place and Landscape

- Room:* Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Rex Rowley
10:10 Grant Andrew Wilson*, University of Toledo, *A Cultural Landscape Study of the Riverview Mobile Home Park, Grand Rapids, Ohio*.
10:30 Michael Hawkins*, Ball State; Christopher Airriess, Ball State University, *God and Country: Indiana License Plates and Banal Nationalism*.
10:50 Henry Way*, University of Kansas, *Understanding Place through Politics: a Cultural Geography of Kansas*.
11:10 Laurence R. Simon, Ph.D.*, Brandeis University, *Concepts of Place in the Mississippi Delta*.
11:30 Rex J. Rowley*, *Neon Beyond the Neon: Landscapes of Neighborhood Casinos in Las Vegas*.

4218. Geography and Federal Education Policy: Better Positioning our Discipline for the Future (Sponsored by Association of American Geographers)

- Room:* Grand Ballroom Salon C, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): John Wertman, Director of Public Policy, Association of American Geographers
 CHAIR(S): John Wertman, Director of Public Policy, Association of American Geographers
 Panelists: Daniel Edelson, Vice President for Education & Children's Programs, National Geographic Society; Carmel Martin, U.S. Senate Committee on Health, Education, Labor, and Pensions; John Wertman, Director of Public Policy, Association of American Geographers
 Discussant(s): Howard J. Silver, Executive Director, Consortium of Social Science Associations

4219. Territory, the state and urban politics II (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

- Room:* Grand Ballroom Salon D, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): Andrew Wood, University of Kentucky
 CHAIR(S): Andrew Jonas
 Introducer: Andrew Wood
 Panelists: Martin R. Jones, University Of Wales, Aberystwyth; Gordon MacLeod, University of Durham; Mark Boyle, National University of Ireland Maynooth; Bae-Gyoon Park, Seoul National University; Mark A. Goodwin, University Of Exeter; Murray M. Low, London School Of Economics; Kevin R. Cox, Ohio State University

4220. Remote Sensing Data

- Room:* Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Rudy Persaud, Federal Highway Administration
10:10 Shrinidhi S Ambinakudige, Mississippi State University; Sami Khanal*, Mississippi State University, *Can CBERS satellite data bridge the possible Landsat data gap?*.
10:30 Andrea Presotto, BA, MA, ABD*, University of Sao Paulo; Yuri T Rocha, PhD, University of Sao Paulo; Patricia Izar, PhD, University of Sao Paulo, *Geographic and geopositioning technologies use in Rain Forests: Contribution to primatological field work with wild Capuchins (Cebus nigratus) living in the Brazilian Atlantic Forest*.
10:50 Rudy Persaud*, Federal Highway Administration; James A Arnold, Federal Highway Administration, *High Accuracy Nationwide Differential Global Positioning System*.
11:10 Julie Velasquez Runk*, University of Georgia, *Landscapes, Legibility, and Conservation: Wounaan Forest Use and Its Ambiguity in Satellite Imagery, Eastern Panama*.
11:30 Douglas V Goldsmith*, Towson University, *The Impact of Improper 100-Year Floodplain Delineation on Residential and Commercial Property Owners*.

4221. Urban Geography: Local and Historic Places

- Room:* Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): William B. Meyer, Colgate University
10:10 Matthew Cosgrove, B.A., Hons.*, Geography and Environmental Studies: Carleton University, *Emergent Patterns of Definition in an Ottawa Neighbourhood: 'Chinatown' as a Place of Cultural Celebration and Social Support*.
10:30 Emily Sinclair, MES Candidate*, York University, *Food Practices: Nature, Society And The Shape Of The City*.
10:50 Daniel Baum*, University of Cincinnati, *Tremont: Rustbelt Urbanity in Microcosm*.
11:10 Mark Fram, B.Arch, MA, PhD*, University of Toronto, *Revisiting Urban Keywords: Planning, Walking, Zoning, Greening*.
11:30 William B. Meyer*, Colgate University, *The Vertical Fringe of Late Nineteenth-Century Brooklyn*.

4222. Geomorphology, Landform Analysis and Landscape Change

- Room:* Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)
 ORGANIZER(S): Program Committee
 Wendy Bigler*, Southern Illinois University Carbondale, *Erosion and Land Use in the Mixteca Alta, Oaxaca, Mexico*.
 Megan Harlow*, University of Georgia, *Spatial distribution of salt-affected soils in the southern Fry Mountains, Mojave Desert, California*.
 Monica Cristina Exner*, University of South Florida, *A Geomorphic Study of Solution Features in the Air-filled Caves of West-Central Florida*.
 Mark Gossard*, Kansas State University, *Bed sediment size, distribution, and transport/mobility in Ward Branch, Springfield, Missouri*.
 Dorothy Sack*, Ohio University, *Geomorphology of a Great Basin Desert Bolson*.
 Benjamin K. Meade*, Kansas State University, Department of Geography; Stephen D. Robinson, Ph. D, St. Lawrence University, Department of Geology, *Interpreting Lacustrine Sediments Using Ground Penetrating Radar in Black Lake, St. Lawrence County, New York*.

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- Monika Saalste*, Wind Erosion Laboratory, Department of Geography, University of Guelph; W. G. Nickling, Wind Erosion Laboratory, Department of Geography, University of Guelph, *Spatial and Temporal Variability of Shear Stress on Complex, Rough Surfaces.*
- Inci Guneralp*, Texas A&M University; Bruce L. Rhoads, University of Illinois at Urbana-Champaign, *Spatial structure of planform migration - curvature relation.*
- Trevor C Hobbs*, Michigan State University, *Unraveling the origin of silty deposits in glacial kettles of an Interlobate Upland in Northern Lower Michigan.*
- Corey M. Werner, PhD*, University of Central Missouri, *The potential impact of fluvial sediment supply on the timing of dune activity in the Great Plains.*
- Jeffrey A. Lee*, Texas Tech University; Kevin R. Mulligan, Texas Tech University; Thomas E. Gill, University of Texas El Paso, *Aeolian Dust Point Sources: The Role of Vegetation.*
- Janine Howard, University of Delaware; Michael A. O'Neal, Ph.D*, University of Delaware; Ryan Murphy, University of Delaware, *Refining lichenometric ages for late Holocene ice-contact landforms in the Cascade Range of Washington.*
- Bradley E. Blumer*, Michigan State University; Alan F. Arbogast, PhD, Michigan State University, *First Application of OSL Dating to Test the Perched-Dune Model on Michigan Coastal Dunes.*
- Alan F. Arbogast*, Michigan State University, *Repeat Photography of Lake Michigan Coastal Dunes: Evidence for Dune Stabilization During a Low Lake Phase.*
- Phillip H Larson*, University of Wisconsin-Eau Claire; W. Patrick Dryer, University of Wisconsin-Eau Claire; Jake Mc Donald, University of Wisconsin-Eau Claire; Anna Baker, University of Wisconsin-Eau Claire; Shaun Nathan Verbout, University of Wisconsin-Eau Claire; Garry Running, University of Wisconsin-Eau Claire; Doug Faulkner, University of Wisconsin-Eau Claire; Harry M Jol, University of Wisconsin-Eau Claire, *Geomorphology of Cliff-Top Parabolic Dunes within the Lower Chippewa River Valley, Upper Putnam Park, Eau Claire, Wisconsin.*
- Lindsay M Olson*, University of Wisconsin, Eau Claire; Phil Larson, University of Wisconsin-Eau Claire; Joe Hupy, PhD, University of Wisconsin-Eau Claire; Harry Jol, PhD, University of Wisconsin-Eau Claire; Doug Faulkner, PhD, University of Wisconsin-Eau Claire; Garry Running, PhD, University of Wisconsin-Eau Claire, *Late Quaternary Eolian Dunes and Fluvial Terraces of the Lower Chippewa River Valley.*
- Timothy Elkins*, University of Michigan-Dearborn; Jacob Napieralski, Ph.D. Purdue University-West Lafayette, Department of Earth Science, University of Michigan-Dearborn, *Agriculture to Asphalt: The Development of the UM-D Campus and the Inherent Influences on the Rouge River.*
- Beth Ellison*, University of Wisconsin-Eau Claire; Amy Wichlacz, University of Wisconsin-Eau Claire; Douglas Faulkner, PhD, University of Wisconsin-Eau Claire, *Historical Channel Change of the Lower Chippewa River in West-Central Wisconsin.*
- Jon H Hockersmith*, Student, Plymouth State University; Ashley Satinsky, Student, University of Delaware, *Utilizing Repeat Photography to Evaluate Landscape Change.*
- Stephanie L. Shepherd*, University of Arkansas, *Headwater Stream Morphology in the Illinois River Watershed, Arkansas.*
- Michael T. Applegarth*, Shippensburg University; William L. Stefanov, NASA Johnson Space Center, *Effect of DEM Resolution on Analyses of Desert Piedmont Drainage Areas.*
- Shelley Miller*, Texas State University, *Spatial and Temporal Changes in Basalts from the Hawaii Scientific Drilling Project.*
- Paul F. Hudson*, University of Texas; Karl Butzer, University of Texas; Timothy P Beach, Georgetown University, *39th Annual Binghamton Geomorphology Symposium.*
- Julia K Ferguson*, University of Wisconsin-Madison Department of Geography, *Reconstructing historic floodplain conditions for practitioners: A case study in Iowa County, Wisconsin.*
- Graham Boardman*, University of Connecticut; Paul Woodworth*, UCONN Geography; Melinda Daniels, PhD, UCONN Geography, *Dam Removal Decision Making: Using Hydraulic and Geomorphologic Assessment to Present Management Alternatives to Dam Owners.*
- Dan Royall*, UNC-Greensboro, *Fluvial Overbank Sedimentation Along the Urban-Rural Transition: A Study From the North Carolina Piedmont.*
- Patrick J. Womble*, Missouri State University; Robert T. Pavlowsky, Ph.D, Missouri State University; Marc R. Owen, M.S., Missouri State University, *Portable X-ray fluorescence as a tool for rapid field determination of floodplain soil geochemistry and contamination risk.*
- Lisa Davis, Assistant Professor*, Department of Geography, University of Alabama, *Spatial Continuity of Channel Shape in Alluvial Streams.*
- Benjamin Warden*, Texas State University, *Hydraulic Geometry of the Pedernales River.*
- Amanda Williams*, Ozarks Environmental and Water Resources Institute, Missouri State University; Robert Pavlowsky, PhD, Ozarks Environmental and Water Resources Institute, Missouri State University; Marc Owen, Ozarks Environmental and Water Resources Institute, Missouri State University; Derek Martin, Ozarks Environmental and Water Resources Institute, Missouri State University, *Human Disturbance and Geomorphic Response of a Small Ozarks Plateau Catchment.*
- Filippo Vecchiotti*, Royal Holloway University of London SE Asia Research Group, *Use of Shuttle Radar Topographic Mission (SRTM) DEM data to extract geomorphic indices in Sulawesi, Indonesia.*
- William Patrick Dryer*, University of Wisconsin Eau Claire; Jacob M. McDonald, University of Wisconsin-Eau Claire; Harry M. Jol, University of Wisconsin-Eau Claire, *Ground Penetrating Radar Imaging of Subaqueous Deposits within Half Moon Lake, Wisconsin.*

4223.

The African Diaspora in the U. S. and Canada I (Sponsored by Africa Specialty Group, Ethnic Geography Specialty Group)

Room:

Grand Ballroom Salon H, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): John Frazier, Binghamton University

CHAIR(S): Joe T. Darden, Michigan State University

Panelists: Joe T. Darden, Michigan State University; Fenda A.

Akiwumi, University of South Florida; Thomas D.

Boswell, University of Miami; Eugene Tettey-Fio,

SUNY-Binghamton; Terry-Ann Jones, Department

of Sociology and Anthropology Fairfield University;

Carlos Teixeira, University of British Columbia

Okanagan

FRIDAY, APRIL 18**10:10 AM - 11:50 AM****4200****4224. Rural Geography***Room:* Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Markku J. Tykkyläinen, University Of Joensuu

10:10 Maura Farrell*, NUIG/Teagasc, *Extension Advisory Services: The Challenge of Change within the Republic of Ireland.***10:30** Mike Danson, Professor*, University of the West of Scotland, *Economic and enterprise development in community buy-outs..***10:50** Shirley Joy Brooks*, University Of KwaZulu-Natal, South Africa, *Creating Third Nature in the South African countryside: New Geographies of Wildlife Production.***11:10** Clara Chaffin*, Northern Arizona University, *Community Health in Arnold, Nebraska.***11:30** Olli Esa Lehtonen, University of Joensuu; Markku J. Tykkyläinen*, University Of Joensuu, *Labor Shortage in Forestry and its Impacts on the Regional Economy in the Remotest Areas in North Karelia, Finland.***4225. Dendrochronology II: Dendroecology (Sponsored by Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)***Room:* Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State University; Lori D. Daniels, University of British Columbia

CHAIR(S): Jed Cochran, University of British Columbia

10:10 James H. Speer*, Indiana State University; Darrin Rubino, Hanover College; Joe Robb, Big Oaks National Wildlife Refuge, *A dendrochronological fire history in the Eastern Deciduous Forest from a variety of hardwood species.***10:30** Andrew Scholl*, Wittenberg University; Alan H. Taylor, The Pennsylvania State University, *Changes in carbon storage over 100 years of fire suppression in mixed conifer forests in Yosemite National Park.***10:50** Andres Holz*, Biogeography Lab, University of Colorado - Boulder; Thomas T. Veblen, Dr., Biogeography Lab, University of Colorado - Boulder, *Fire History of *Pilgerodendron uviferum* (Guaitecas Cypress) in the Temperate Rainforests of southwestern South America.***11:10** Jodi N. Axelson*, Canadian Forest Service, Pacific Forestry Centre; René I. Alfaro, CFS, Pacific Forestry Centre; Brad C. Hawkes, CFS, Pacific Forestry Centre, *Stand dynamics following mountain pine beetle outbreaks in south-central British Columbia, Canada.***11:30** Rosemary L. Sherriff*, University of Kentucky, *Dendroecological reconstruction of spruce bark beetle outbreaks in Lake Clark National Park and Preserve, Alaska.***4226. The Nature of Value (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group)***Room:* Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Morgan M. Robertson, University of Kentucky; Joel D Wainwright, The Ohio State University

CHAIR(S): Morgan M. Robertson, University of Kentucky

10:10 Joel D Wainwright*, The Ohio State University, *The value of nature and the nature of value, or, Bailey redux?.***10:30** Geoff Mann*, Simon Fraser University, *Lordship, Bondage and Land.***10:50** Kiran Asher*, IDCE, Clark University, *General notes on Marxist approaches to nature, environment, and ecology.***11:10** Scott Prudham*, University of Toronto; Maxwell Boykoff, University of Oxford, *Value, commodification, and the emerging market in carbon emissions.***11:30** Morgan M. Robertson*, University of Kentucky, *Creating New Value in Nature.***4227. Cognitive Issues in Geographic Information Visualization II: Domains (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)***Room:* Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Sara Irina Fabrikant, University Of Zurich;

Amy Lobben, University of Oregon

CHAIR(S): Amy Lobben, University of Oregon

10:10 Julie Dilleuth*, University of California, Santa Barbara, *Spatial cognition with small-display maps: Does the sum of the parts equal the whole?.***10:30** Robert M. Edsall*, Arizona State University, *Exploring the interface between music theory and multimedia cartography.***10:50** Dawn A. Youngblood, PhD*, Southern Methodist University, *The Cartography of Videogames: Mapping Bounded Space.***11:10** Gregory M Verutes*, San Diego State University; Ryan Burns, San Diego State University; Eniko Csomay, San Diego State University, *Visualizing Linguistic Variation within University Classroom Discourse.***11:30** Amy Lobben*, University of Oregon; Megan Lawrence, University of Oregon; Stephen Fickas, University of Oregon, *Standardized Symbolology for Tactile Navigation Maps.***4228. Conversations with the Arch Amenity II: Excluding the Other from America's Parks (Sponsored by Recreation, Tourism, and Sport Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)***Room:* Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Yolonda Youngs, Arizona State University;

Terence Young, California State Polytechnic University-Pomona

CHAIR(S): Yolonda Youngs, Arizona State University

10:10 Gareth E. John*, St. Cloud State University, *Perilous Imperialism on the Upper Yellowstone: Constructing Fear of the Other on the 1869 and 1870 Expeditions.***10:30** Terence Young*, California State Polytechnic University-Pomona, *"A Contradiction in Democratic Government": W.J. Trent, Jr. and the Struggle to Desegregate National Park Campgrounds.***10:50** James Edward Wells, MA*, Kansas State University; Geoffrey Buckley, Associate Professor, Ohio University; Christopher Boone, Associate Professor, Arizona State University, *Separate But Equal? Desegregating Baltimore's Golf Courses.***11:10** William E. O'Brien*, Florida Atlantic University, *The National Park Service and state park systems in the Jim Crow South.*

Introducer: Terence Young

Introducer: Yolonda Youngs

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4229. Alternative Nationalisms: (Un)Doing National Spaces of Belonging (1)

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Nichola Wood, University of Leeds; Fiona Smith

CHAIR(S): Claire Dwyer

10:10 Amy Mills, Ph.D.*, University of South Carolina, *The Nation is Local: The Practice and Memory of Cosmopolitanism in Istanbul.*

10:30 Jeffrey McGovern*, University of Arizona, *"The Boys of Kilmichael:" The Construction of Irish National Identities as Represented Through the Commemorations of the 1920 Kilmichael Ambush.*

10:50 Fiona M. Smith, Dr*, University of Dundee, *Narratives of a divided nation: displaying divergent histories in German contemporary history museums.*

11:10 Nichola Wood*, University of Leeds, *Playing with Tradition: Musical (Re)Productions of 'Scottishness' and the Limits of Recognition.*

Discussant(s): Claire Dwyer

4230. Population Geography

Room: Orleans Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kazimierz J. Zaniewski, University of Wisconsin

10:10 Jared C Powell*, University of Arizona, *The Influence of Maternal Nativity and Place of Residence within the Metropolitan Hierarchy on Age-Specific Fertility and Birth Parity.*

10:30 Jenn Lee Smith*, UCLA, *Gender Preference: Factors Influencing Sex Ratio Variation across Provinces in China.*

10:50 Geoffrey H. Smith*, University Of Iowa, *Projecting K-12 student counts and characteristics for school attendance areas to address performance gaps.*

11:10 Kevin Knight, University of Maine at Farmington; Addie Qualey, University of Maine at Farmington, *Assessing the Unmet Need for Family Planning Amidst the Socio-economic Landscape of a Highland Guatemala Town.*

11:30 Kazimierz J. Zaniewski*, University of Wisconsin-Oshkosh, *Regional inequalities in infant mortality in the United States, 1970-2005.*

4231. Advancing Environmentalism: the Materiality of the Environmental Subject (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Trevor Birkenholtz, Rutgers University

CHAIR(S): Trevor Birkenholtz, Rutgers University

10:10 Benjamin Neimark*, Rutgers University, *Eden articulated: The intersections of environmentalism and bioprospecting in Madagascar.*

10:30 Farhana Sultana, PhD*, King's College London, *Fluid Lives: Gender, Subjectivity, and Water Management.*

10:50 Andrew Baldwin*, Queen's University, *Environmentalism, Forest Governance and the Whitefeather Forest Initiative in Northern Ontario.*

11:10 Trevor L. Birkenholtz*, Rutgers University, *Groundwater Governmentality: Technologies of Resistance in Rajasthan's (India) groundwater governance.*

Discussant(s): Paul Robbins, University of Arizona

4233. James Anderson Distinguished Lecture in Applied Geography (Sponsored by Applied Geography Specialty Group)

Room: Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Barry Wellar, Wellar Consulting

CHAIR(S): Barry Wellar, Wellar Consulting

Introducer: Barry Wellar

10:25 Marilyn A. Brown, PhD*, Georgia Institute of Technology, *Carbon Lock-In: Barriers to Deploying Climate Mitigation Technologies.*

Discussant(s): Barry Wellar, Wellar Consulting

4234. Neoliberal urban-environmental reconfigurations II: citizenship, vulnerability, and accumulation

Room: Maine Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): James P. McCarthy, Pennsylvania State

University; Kevin Ramsey, University Of Washington

CHAIR(S): Cindi Katz, CUNY Graduate Center

10:10 Kate Driscoll Derickson, Ph.D Candidate*, Pennsylvania State University, *A neoliberal opportunity? The redevelopment of Biloxi, MS post-Katrina.*

10:30 Andrew B Shears*, Kent State University, *Post-Katrina New Orleans and The Colonial Present.*

10:50 William D. Solecki*, Hunter College; Robin M. Leichenko, Rutgers University, *Neoliberalism, Urban Spatial Development, and the Climate Change.*

11:10 Richard Ballard*, School of Development Studies, University of KwaZulu-Natal; Gareth Jones, London School of Economics, *Indigenous Landscaping and Environmental Legitimacy in New Housing Developments in Durban, South Africa.*

Discussant(s): Michael Goldman

4235. What to make of Labor Politics (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)

Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Carrie Breitbach, Chicago State University;

Clayton Rosati, Bowling Green State University

CHAIR(S): Clayton Rosati, Bowling Green State University

10:10 Michael Ekers, D.Pil Candidate*, University of Oxford, *Laboring Against the Grain of Progress: Women's Tree Planting Crews in British Columbia.*

10:30 Carrie Breitbach*, Chicago State University, *Making class politics in South Dakota: shifting labor relations in agriculture.*

10:50 Andy Walter*, University of West Georgia, *The Geography of Victory: Assessing the Impact of Successful Farmworker Campaigns Against Fast Food Giants.*

Discussant(s): Tod D. Rutherford, Syracuse University

4236. Resources

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David S. Mattern, Parametrix, Inc.

10:10 Judy A. Locke, PhD*, University of Trinidad and Tobago; Arthur Potts, PhD, University of Trinidad and Tobago; Ben Maharaj, M.Sc., University of Trinidad and Tobago, *Using networks within and among major stakeholders in the Coastal Fisheries Sector of Trinidad and Tobago..*

10:30 Trevor Kyle Fuller*, University of Illinois at Urbana-Champaign, *Environmental Justice: Approaching New Potential Drivers of Disproportionate Risk.*

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10:50 Leith A Deacon*, University of Western Ontario; Jamie Baxter, University of Western Ontario, *Building an Interdisciplinary Approach to Environmental Inequities in Canada.*

11:10 Shana C Gillette, Ph.D., research scientist*, Colorado State University, *The Convergence of Citizen Science and Citizen Journalism in a Mobile Media Environment.*

11:30 David S Mattern*, Parametrix, Inc., *Reader-friendly environmental documents - oxymoron or opportunity?.*

4237. Women's Roundtable 1: Bridging the Gap: Women Geographers at the Human/Physical Geography Interface (Sponsored by Geographic Perspectives on Women Specialty Group, Committee on the Status of Women in Geography)

Room: Massachusetts Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Jill S. M. Coleman, Ball State University

CHAIR(S): Jill S. M. Coleman, Ball State University

Panelists: Jill S. M. Coleman, Ball State University; Darla Munroe, Ohio State University; Jean Taylor Ellis, NASA; Petra A. Zimmermann, Ball State University; Lesley Rigg, Northern Illinois University

4238. Immigrants, returnees and the state (Sponsored by Population Specialty Group, Political Geography Specialty Group, Asian Geography Specialty Group)

Room: St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Yu Zhou, Vassar College; Sanjeev Kumar

CHAIR(S): Yu Zhou, Vassar College

10:10 Coryn L. Shiflet*, University of Illinois, Urbana-Champaign, *Bring me your best and your brightest; I'll authorize their spouses too: Geography of International Students and their Dependents..*

10:30 Sanjeev Kumar*, University of Georgia, *Transnationalism, Sangh Parivar and the Indian immigrants in the US..*

10:50 Yeong-Hyun Kim*, Ohio University, *"The Government Selects and Invites Foreign Workers": The South Korean State and Ethnized Migrant Labor.*

11:10 Lan-Hung Nora Chiang*, National Taiwan University, *Australian Educational Experience for Young Taiwanese Immigrants.*

11:30 Caroline Faria*, University of Washington, *Contesting Miss South Sudan": Gender and nation building in diasporic discourse.*

4239. Urban growth and its impact on the environment - II (Sponsored by Spatial Analysis and Modeling Specialty Group, Urban Geography Specialty Group, Regional Development and Planning Specialty Group)

Room: St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Chandana Mitra, University of Georgia

CHAIR(S): George M. Pomeroy, Shippensburg University

10:10 Anna Nordfelt*, Texas A&M University; Steven Quiring, Ph.D., Texas A&M University, *Urban effects on precipitation in the Dallas/Fort Worth (DFW) Metroplex.*

10:30 Radhika Khosla*, University of Chicago, *Using a Surface Energy Balance Model for Rooftops to Improve Energy Efficiency in Buildings.*

10:50 Dale A. Quattrochi*, NASA MSFC; Maurice G Estes, Jr., MUP, National Space Science & Technology Center, Universities Space Research Association; Mohammad Z Al-hamdan, Ph.D., National Space Science & Technology Center, Universities Space Research Association; Hoyt Johnson, Prescott College; Jay Hodgson, M.S., Department of Biological Sciences, University of Alabama; Ronald Thom, Ph.D.,

Battelle Pacific Northwest National Laboratory; Dana Woodruff, Ph.D., Battelle Pacific Northwest National Laboratory, *Impacts of Urban Growth on Submerged Aquatic Vegetation, Restoration and Health in the Mobile Bay, Alabama Area.*

11:10 Debnath Mookherjee, Professor*, Western Washington University, *Urbanization in India: Then and Now.*

11:30 Burak Güneralp*, Stanford University; Karen C. Seto, Stanford University, *An Integrated Dynamic Perspective on Environmental Impacts of Urban Growth in China.*

4240. Student Paper Competition Session I - Geography Education Specialty Group (Sponsored by Geography Education Specialty Group)

Room: St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Rich Schultz, Elmhurst College

CHAIR(S): Rich Schultz, Elmhurst College

Introducer: Rich Schultz

10:11 Thomas R. Craig*, Department of Geography and Planning, University of Akron, *The Utility of Standardized Achievement Test Scores as a Predictor of Geography Skills in Undergraduates.*

10:24 L. Jesse Rouse*, West Virginia University, *The Role of New Media in Informal Geography Education: Spatial literacy in a Web 2.0 world.*

10:37 Rebecca Theobald*, University of Colorado, *"A Well-Spent Afternoon": An Analysis of Geography Department Chairs' Perspectives on Early-Career Faculty Development in the United States.*

10:50 Tracy Edwards*, Frostburg State University, *Remote Sensing Applications in Introductory College Geography Courses.*

11:03 Injeong Jo*, Department of Geography, Texas A&M University, *Taxonomy of Spatial Thinking: A Framework to Design, Evaluate, and Improve School Geography to Implement Spatial Thinking Skills.*

Discussant(s): Eric J. Fournier, Samford University

4241. World City Networks and Global Commodity Chains - I (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Transportation Geography Specialty Group)

Room: St. George D, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Frank Witlox, Ghent University; Ben Derudder, Ghent University

CHAIR(S): Frank Witlox, Ghent University

10:10 Peter J. Taylor*, Loughborough University, *Towards a central flow theory.*

10:30 Christof Parnreiter*, University of Hamburg, *Cities and commodity chains - the case of Mexico City.*

10:50 Niels Fold*, Department of Geography and Geology, University of Copenhagen; Ingeborg Vind, Department of Geography and Geology, University of Copenhagen, *Globalizing Ho Chi Minh City: Urban zoning, industrial upgrading and economic diversification in the Mekong Delta.*

11:10 Berengere Gautier*, IAMM, *Euro mediterranean cities in agri-food multinationals networks.*

11:30 Christian Matthiessen*, University of Copenhagen; Søren Find, Technical Knowledge Center of Denmark; Annette W Schwarz, Technical Knowledge Center of Denmark, *Knowledge: The World City Network and potential Dynamics. A Systematic Analysis based on Bibliometric indicators.*

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- 4242. Author Meets the Critics: Arun Saldanha's Psychedelic White: Goa Trance and the Viscosity of Race (Sponsored by Socialist and Critical Geography Specialty Group, Social and Cultural Geography, Ethnic Geography Specialty Group)**

Room: *Essex North-West, Westin, 3rd Floor* (Panel Session)
 ORGANIZER(S): Rachel Slocum; Susan Smith, Durham University
 CHAIR(S): Susan Smith, Durham University
 Introducer: Vincent J. Del Casino
 Introducer: Mary Gilmartin
 Panelists: David F. Ley, University of British Columbia; Bruce Braun, University of Minnesota - Minneapolis; Geraldine J. Pratt, University Of British Columbia; Audrey L. Kobayashi, Queen's University; Arun Saldanha, University of Minnesota - Minneapolis

- 4243. The Colonial Present IV: Cultural and Material Property (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Indigenous Peoples Specialty Group)**

Room: *Essex North-East, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): RDK Herman, National Museum of the American Indian
 CHAIR(S): Brian J. Murton, University of Hawaii
10:10 Sean Robertson, Doctoral Candidate*, Simon Fraser University - Geography, *At the Frontiers of the Market and Citizenship: Intellectual Property Globalization and the Indigenization of Western Property Norms.*
10:30 Jeffrey Ivan Barnes, MA Candidate*, Carleton University, *The Globalization of a Ceremonial People: Uprooting the chocolate tree.*
10:50 Sarah A Hemmingsen*, Australian National University, *Nambucca And Kaikoura: Indigenous Community Coastal Resource Management Comparisons In Australia And New Zealand.*
11:10 Chris N. Castagna*, University Of Hawai'i at Manoa, *Tangled Up in Pine: Selected Maori Perspectives on Industrial Forestry in Aotearoa/New Zealand.*
11:30 Syaman Lamuran*, National Taiwan Normal University, *Revitalizing the Ancient Bashiic Channel Voyage : The Case of Lanyu, Taiwan and Batan Islands, Philippines.*

- 4244. Practiced architectures: spaces, performances, events 2**

Room: *Essex North-Center, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Peter Merriman, Aberystwyth University; Jane M Jacobs, University of Edinburgh
 CHAIR(S): Peter Merriman, Aberystwyth University
10:10 Harriet Bell*, University of Sheffield, *Performance living in English, post-War listed public housing.*
10:30 Jane M Jacobs, BA(Hons), MA, PhD*, University of Edinburgh, *Window: High living and the making and unmaking of the view.*
10:50 Peter Adey*, Keele University; Ole B Jensen, University of Aalborg, *The Architecture of European Airspace and Identity: exploring the relationship between European air infrastructure and individual mobility practices.*
11:10 Raymond Lucas, BSc(Hons), MPhil, PhD*, University of Strathclyde; Gordon Mair, DMEM, University of Strathclyde; Ombretta Romice, PhD, Architecture, Urban Design, University of Strathclyde, *Phenomenological Design: Describing the Senses in the Design Process.*
11:30 Mark Paterson*, University of Exeter, *Material Sensibilities. Design, Affect, Sensation..*

- 4245. Evolution of The National Map: 2008 and Beyond**

Room: *Staffordshire, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Mark Naftzger, United States Geological Survey
 CHAIR(S): Mark Naftzger, United States Geological Survey
10:10 Mark Naftzger*, United States Geological Survey, *Evolution of The National Map: 2008 and Beyond.*
10:30 Eric W. Constance*, U.S. Geological Survey, *The National Map Data Integration Challenge.*
10:50 Michael Cooley*, U.S. Geological Survey; Stafford Binder, *U.S. Geological Survey Topographic Mapping.*
11:10 Vicki Lukas*, U. S. Geological Survey, *Collaborative Data Stewardship for The National Map.*
11:30 Larry Sugarbaker*, United States Geological Survey, *Business Requirements for The National Map: Addressing Emerging Needs.*
(see session description on page 38-39)

- 4246. Energy, Resources, & Environment in China (Sponsored by China Specialty Group, Energy and Environment Specialty Group)**

Room: *Parliament Room #1, Westin, 7th Floor* (Paper Session)
 ORGANIZER(S): Darrin Magee, Hobart & William Smith Colleges
 CHAIR(S): Emily Yeh, University of Colorado
10:10 Darrin Magee, Ph.D.*, Hobart & William Smith Colleges, *Send Western Electricity East: Institutions, decisions, and contention surrounding China's Nu River hydropower development.*
10:30 Chris R. Coggins*, Bard College at Simon's Rock, *China's Oil Economy: Geopolitical Implications.*
10:50 Thomas Drennen*, Hobart and William Smith Colleges, *Predicting China's Energy and Greenhouse Gas Future.*
11:10 Afton E. Sather-Knutsen*, University of Colorado, Boulder, *Rearciculating Chinese National Identity in the Yellow River Piano Concerto.*
 Discussant(s): Emily Yeh, University of Colorado

- 4247. Water and sustainability in urban environments I (Sponsored by Water Resources Specialty Group, Urban Geography Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: *Empire Room #6, Westin, 7th Floor* (Paper Session)
 ORGANIZER(S): Heejun Chang, Portland State University; Kelli L. Larson, Arizona State University
 CHAIR(S): Heejun Chang, Portland State University
10:10 Lawrence Band*, Univesity Of North Carolina - Chapel Hill, *Hydroclimate variability impacts on urban and suburban water quality.*
10:30 Luc Claessens*, University of Connecticut; Christina Tague, University of California, Santa Barbara, *In-Stream Nitrogen Processing in Suburbanizing Watersheds.*
10:50 David E Tenenbaum*, University of Massachusetts Boston; Lawrence E Band, UNC-Chapel Hill; Aaron Moody, UNC-Chapel Hill; Jingfeng Xiao, Purdue University, *MODIS Surface Moisture in Urbanizing Landscapes.*
11:10 Nagraj Rao*, Clark University, *Does Lawn Area affect Residential Water Demand? Case Study of Ipswich, MA.*
11:30 Heejun Chang*, Portland State University; Vivek Shandas, Portland State University; Hossein Parandvash, Portland Water Bureau, *Spatial patterns of residential water use in the Portland metro area.*

FRIDAY, APRIL 18**10:10 AM - 11:50 AM****4200****4248. CoMa - Norbert Psuty Student Paper Competition II (Sponsored by Coastal and Marine Specialty Group, IGU Commission on Coastal Systems)****Room:** North Star Room #10, Westin, 7th Floor (Paper Session)ORGANIZER(S): Steve Namikas, Louisiana State University
CHAIR(S): Steve Namikas, Louisiana State University**10:10** Rosana Grafals, Ph.D. student*, Rutgers University, *The effect of location of remnant fences on vegetation and morphology of developed foredunes.***10:30** Wansang Ryu*, Texas A&M University; Douglas Sherman, Dr., Texas A&M University, *Landscape ecology of coastal dune systems.***10:50** Bailiang Li*, Texas A&M University; Jean T Ellis, Texas A&M University, NASA; Eugene J Farrell, Texas A&M University; Douglas J Sherman, Texas A&M University, *Assessing the Vertical Distribution of Aeolian Saltation.***11:10** Michael Potts*, Texas A&M University-College Station, *Coasting to Destruction: LIDAR Assessment of American Seaciffs.***4249. Climate History II: Thermal Climate History (Sponsored by Climate Specialty Group, Paleoenvironmental Change Specialty Group)****Room:** Defender Room #5, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Georgina Endfield, University of Nottingham; Michael Grossman, Department of Geography SIUE

CHAIR(S): Michael Grossman, Department of Geography SIUE

10:10 Stefan W Grab, University of the Witwatersrand, South Africa; David J Nash*, University of Brighton, UK, *"To Shiver With Cold In This Africa": Documentary Evidence For Snow And Frost Variability In Lesotho, 1833-1900.***10:30** Ricardo Garcia-Herrera*, Dto Fisica Tierra II, Universidad Complutense, Madrid, Spain; David Gallego Puyol, Universidad Pablo de Olavide, Seville, Spain; Maria Rosario Prieto, Ianigla, Crycit, Argentina; Crsitina Peña Ortiz, Universidad Pablo de Olavide, Seville, Spain, *Interannual oscillations and trend of snow occurrence in the Andes region since 1885: a case study to analyse the quality of climate proxies derived from newspaper reports..***10:50** Takehiko Mikami*, Tokyo Metropolitan University; Junpei Hirano, Tokyo Metropolitan University; Masumi Zaiki, Kobe University, *Climate reconstruction in Japan based on the historical weather records.***11:10** Masumi Zaiki*, Kobe University; Michael Grossman, Southern Illinois University Edwardsville; Togo Tsukahara, Kobe University; Takehiko Mikami, Tokyo Metropolitan University, *Instrumental records in Japan in the 19th century and their climatological significance.***11:30** Dorian J. Burnette*, University of Arkansas - Fayetteville, *Screening, Correction, and Analysis of a new 180-year Daily Temperature Record for Kansas.***4250. Resources and Empire 2 (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)****Room:** Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Gavin Bridge, University of Manchester; Tomas Frederiksen, University of Manchester

CHAIR(S): Tomas Frederiksen, University of Manchester

10:10 Jason W. Moore*, Department of Geography, University of North Carolina, Chapel Hill, *'Amsterdam is Standing on Norway': American Silver, Dutch Hegemony, and the Conquest of the North, 1545-1800.***10:30** Paul K Gellert*, University of Tennessee, *Oil, Gas, Timber, Minerals: Empire and Extractive Cycles in Indonesia's Development Trajectory.***10:50** Gavin Bridge*, University of Manchester, *To the Ends of the Earth: the extraordinary adventures of late 19th century British mining capital.***11:10** Salvatore Engel-DiMauro*, SUNY New Paltz, *Inter-imperial rivalry, capital accumulation, and resource extraction: soil use in Hungary, 1960-1990.***4251. Cryospheric Research (Sponsored by Cryosphere Specialty Group)****Room:** Great Republic #7, Westin, 7th Floor (Paper Session)ORGANIZER(S): Frederick E. Nelson, University of Delaware
CHAIR(S): Frederick E. Nelson, University of Delaware**10:10** Amir E Azar*, NOAA-CREST; Dugwon Seo, NOAA-CREST; Narges Shahroudi, NOAA-CREST; Reza Khanbilvardi, NOAA-CREST, *Analysis and Estimation of Snow pack properties.***10:30** Rick Forster*, University of Utah; Jeanne M. Sauber, Planetary Geodynamics Lab., Goddard Space Flight Center, NASA, *Alaska Glacier Velocities from L-band InSAR.***10:50** Martin Edward Byrne*, The University of Montana; Ulrich Kamp, The University of Montana; Tobias Bolch, University of Northern British Columbia, *Automated Delineation of Debris-covered Glaciers in the Ladakh and Zaskar Ranges, Northern India.***11:10** Polly Bass, Ph.D.*, University of Georgia; Elgene O. Box, Ph.D., University of Georgia; Maynard M. Miller, Ph.D., University of Idaho and the Foundation for Glacier and Environmental Research, *The Relationship of Floristic Richness and Temperature on the Nunataks of the Juneau Icefield, Alaska-Canada Boundary Range, 1948 - Present.***11:30** Frederick E. Nelson*, University of Delaware, *A Long, Cold Trail: Cryospheric Research in American Geography.***4255. Farming from Space: Agriculture and Remote Sensing****Room:** Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeff Onsted, UCSB

10:10 Mary Lindsey, Graduate Research Assistant*, University of Maryland, Department of Geography; Rick Mueller, USDA National Agricultural Statistics Service, *Agricultural Land-Use Classification for California Using AWiFS and MODIS Data.***10:30** Re-Yang Lee*, Feng Chia University; Hsin-Yu Chen, Feng Chia University, *Inventory of garlic fields using high spatial resolution aerial photographs.***10:50** Baojuan Zheng*, Indiana University Purdue University Indianapolis; Lin Li, Indiana University Purdue University Indianapolis; Gabriel M Filippelli, Indiana University Purdue University Indianapolis; Pierre Andre Jacinthe, Indiana University Purdue University Indianapolis, *Estimating Organic Matter, Total Nitrogen and Total Phosphorus of Agricultural Soils Using Hyperspectral Reflectance.***11:10** Gabriel L. Judkins*, Arizona State University, *Spatial Variation of Soil Salinity in the Mexicali Valley, Mexico: Application of a Practical Method for Agricultural Monitoring.***11:30** Jeff Onsted*, Florida International University, *Two approaches to incorporating partially protected farmland into excluded layers using SLEUTH.*

FRIDAY, APRIL 18

10:10 AM – 11:50 AM

4200

4256. Internet Mapping and Mash Ups**Room:** *Beacon B, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ryan E. Baxter, Pennsylvania State Univ

10:10 Paporn Thebpanya*, Towson University, *Going off the Grid: Mapping Your World with Google Maps.***10:30** Cynthia Paslawski*, University of Michigan; Matthew Beer, University of Michigan-Dearborn; Jacob Napieralski, PhD, University of Michigan-Dearborn, *Using Google Earth virtual field trips to introduce undergraduate students to the fundamentals of GIS.***10:50** Dido Tsigaridi*, Harvard Graduate School of Design, *Tom-Tom vs. Google Street-view: on spatial memory for urban navigation.***11:10** Jason Randall Ridgeway*, United States Military Academy, *Googling Kurdistan: Internet Mapping and Contested Terrain.***11:30** Ryan E. Baxter*, The Pennsylvania State University; Bernd Haupt, The Pennsylvania State University; Maurie Kelly, The Pennsylvania State University; James Spayd, The Pennsylvania State University, *Live, Remote Access to Dynamic Weather Forecasts from Geospatial Clients.***4257. Water Quality****Room:** *Beacon D, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Trent Biggs, San Diego State University

10:10 Jeffrey D. Reicherts*, Western Michigan University, *Using composite sampling techniques to monitor bathing beach water quality in Kalamazoo County, Michigan.***10:30** Kofi Awusabo-Asare, Ph.D.*, University of Cape Coast, Ghana; Eugene K. Darteh, M.Phil, University of Cape Coast, Ghana; James K. Eshun, M.Phil, University of Cape Coast, Ghana; Michael White, Ph.D., Brown University, Rhode Island, USA., *Availability and Quality of household water in the Central Region of Ghana.***10:50** Joseph Hoover*, University of Arizona; Christopher Scott, Ph.D., University of Arizona, *Analysis of the US EPA's Arsenic Drinking Water Rule-Making Process.***11:10** Jun Tu*, Department of Environmental, Geographic and Geological Sciences, Lehman College, and Ph.D. Program in Earth and Environmental Sciences, Graduate Center, The City University of New York; Zong-guo Xia, Department of Environmental, Geographic and Geological Sciences, Lehman College, and Ph. D. Program in Earth and Environmental Sciences, Graduate Center, The City University of New York, *Geographically Weighted Regression Analysis of the Spatially Varying Relationships between Land Use and Water Quality.***11:30** Trent W Biggs, PhD*, San Diego State University, *Spatial Geometry of Urban Networks and Stream Biogeochemistry in the Amazon Frontier.***4258. Latin America: Rural Development****Room:** *Beacon E, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Andres Guhl, Universidad De Los Andes

10:10 Antonio Bellisario*, Metropolitan State College of Denver, *The Land-Agrarian Question in the Global South: The Chilean Agrarian Transformation (1964 - 1980).***10:30** Audrey J. Joslin*, Michigan State University, Department of Geography, *Unbalanced Objectives: Negotiating Conservation and Development in Land Reform Settlements in Eastern Pará, Brazil.***10:50** Diana Gildea*, University North Carolina, Chapel Hill, *Deforestation, Beef, and Land Tenure in Latin America.***11:10** Emily Billo*, Syracuse University, *Corporate Social Responsibility and Rural Development in Ecuador's Amazon Region.***11:30** Andres Guhl*, Universidad De Los Andes, *Draining the lake: The case of lake Fuquene, Colombia.***4259. Community Development 2.0: Web Technologies and PPGIS for place-based development programs.****Room:** *Beacon F, Sheraton, 3rd Floor* (Panel Session)

ORGANIZER(S): Matt Kelley, Pennsylvania State University

CHAIR(S): Lakshman Yapa, Pennsylvania State

Panelists: Matt Kelley, Pennsylvania State University; Lakshman Yapa, Pennsylvania State; Chris Benner, University of California Davis; Jonathan K. London, UC Davis; Jesikah Maria Ross, Art of Regional Change, UC Davis; Vanessa A. Massaro

4260. Poverty and Economic Development**Room:** *Beacon G, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Yaser M. Najjar, Qatar University

10:10 Thomas Lester*, UC Berkeley, Department of City and Regional Planning, *The Living Wage and Urban Economic Development Impacts.***10:30** Harrison Campbell, University of North Carolina at Charlotte; Olga Smirnova*, University of North Carolina at Charlotte, *Exploring Spatial Effects in the Economic Base Model.***10:50** Christopher N.H. Doll*, IIASA, *Money is Time: An Alternative Perspective on Poverty.***11:10** Laura James*, University of Oxford, *Jobcentre or Children's Centre? The changing spaces of labour market intervention.***11:30** Yaser M. Najjar*, Qatar University, *"Metrics of Sustainability :Eco-Tourism Site Planning in the North Municipality, Qatar", Yaser M. Najjar, Department of Humanities, Geography and Urban Planning Program, Qatar University, P. O. Box 2713,Doha,Qatar.***4261. Floral Contributions to Environmental Geography****Room:** *Beacon H, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Catherine Phillips, York University

10:10 Carol Hunsberger, BSc, MES*, Carleton University, *Tangled stems: Social, political and environmental implications of cut-flower production in Naivasha, Kenya.***10:30** Colin Robertson*, Spatial Pattern Analysis & Research Lab, University of Victoria; Michael A Wulder, Pacific Forestry Centre, Canadian Forestry Service, Natural Resources Canada; Trisalyn A Nelson, Spatial Pattern Analysis & Research Lab, University of Victoria; Joanne C White, Pacific Forestry Centre, Canadian Forestry Service, Natural Resources Canada, *Augmenting an existing risk rating system for mountain pine beetle infestation of lodgepole pine forests..***10:50** Jeffrey Hicke*, University of Idaho; Jesse A Logan, USDA Forest Service (retired), *Mapping a Mountain Pine Beetle Outbreak in a High-Elevation Whitebark Pine Ecosystem.***11:10** Bertrand Moulin*, CNRS UMR 5600 France - Ecystèmes; Piégay Hervé, CNRS UMR 5600, *Large Woody Debris dynamics at the catchment scale, the case of the Isère Rivers, France.*

FRIDAY, APRIL 18**10:10 AM – 11:50 AM****4200**

11:30 Catherine Phillips*, York University, *Living with/in Seeds: Growers Becoming Seed Companions.*

4262. Emerging Therapeutic Landscape (Sponsored by Medical Geography Specialty Group)

Room: Kent, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Bimal Kanti Paul, Kansas State University

CHAIR(S): Sumanth G. Reddy, Kansas State University

10:10 Bimal Kanti Paul*, Kansas State University, *Emerging Weekend-based Therapeutic Landscape: An Empirical Study.*

10:30 Sumanth G. Reddy, Graduate student*, Kansas State University, *Therapeutic landscape, medical tourism and health care bypassing: What is the linkage?.*

4263. Africa: Agriculture and Global Linkages

Room: Jefferson, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mohamed Babiker Ibrahim

10:10 Muriel A. Yeboah*, West Virginia University, *Livelihoods and Social Capital: Examining the effects of social networking on the livelihood strategies of Kayayei in Accra, Ghana..*

10:30 Marie S. Javdani*, University of Oregon, *A Closer Look at Structural Adjustment: Prospects and Recommendations for the "New" Green Revolution.*

10:50 Johanna Bergman Lodin*, PhD Student, *The Cassava Production - Marketing Continuum and the Challenges of New Technology Diffusion in Sierra Leone.*

11:10 Mohamed Babiker Ibrahim, Ph.D*, Hunter College of the City University of New York, *Globalizing Traditional Agriculture in the Sudan.*

4264. Modeling Approaches to Climate Change

Room: Exeter, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Shuang-Ye Wu, University of Dayton

10:10 Ryan G Lauritsen*, Ohio State University, Department of Geography, *Temporal Analysis of Temperature and Moisture.*

10:30 Theodore J. Klimasewski, Ph.D.*, Jacksonville State University, *Dominance and Margin of Dominance in Climate Change.*

10:50 James Bothwell*, University of Oklahoma; May Yuan, Director, Professor of Geography, University of Oklahoma, *Representation and Analysis of Geographic Kinematics: Using Temperature Data from General Circulation Models as an Example.*

11:10 Shuang-Ye Wu*, University of Dayton; Ann Syrowski, University of Dayton, *Statistical downscaling of GCM output for climate impact assessment in small watersheds.*

11:30 Adam Terando*, Pennsylvania State University, *Measures that matter: Detecting the anthropogenic climate change signal in regional agro-climate indices..*

4265. Geographies of Inequality Panel Session (Sponsored by Economic Geography Specialty Group, Population Specialty Group)

Room: Berkeley, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Jamie Goodwin-White, University of Sussex; Sebastien Breau, McGill University

CHAIR(S): Virginia L. Parks, University of Chicago

Panelists: Sanjoy Chakravorty, Temple University; Kim England, University of Washington; Amy Glasmeier, Pennsylvania State University; Susan Hanson, Clark University

4266. Animal Geographies 2: Current and Future Research - Animal Agency (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: Hampton A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Julie Urbanik, Westfield State College; Kristin L. Stewart, FSU

CHAIR(S): Kristin L. Stewart, FSU

10:10 Marc Higgin*, Adrian Evans; Mara Miele, *A Good Kill: socio-technical organisations of farm animal slaughter.*

10:30 David Lulka*, *Consuming Timothy Treadwell: redefining nonhuman agency in light of Herzog's Grizzly Man.*

10:50 Jill E. Sherman*, UNC-Chapel Hill, *Moral-legal geographies and the spatial regulation of dogs.*

11:10 Kristin L. Stewart, Ph.D.*, FSU, *Human-Dolphin Encounter Spaces.*

Discussant(s): Kristin L. Stewart, FSU

4267. Access to Healthcare

Room: Hampton B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Fahui Wang, Louisiana State University

10:10 Craig Anne Heflinger, Ph.D.*, Vanderbilt University; Robert C. Saunders, M.P.P., Vanderbilt University, *How Do Definitions or Rurality Influence Performance Monitoring in Mental Health Services Access for Rural Children and Youth? Report from Two Southern States.*

10:30 Lindsay L. Withers*, The George Washington University, *Community Health Center Use in the District of Columbia.*

10:50 Philippe Apparicio*, University of Québec (INRS-UCS); Mohamed Abdelmajid, Université du Québec à Montréal; Mylène Riva, University of Montréal; Richard Shearmur, University of Québec (INRS-UCS), *Comparing alternative approaches to measuring the spatial accessibility of urban health services: Distance types and aggregation-error issues.*

11:10 Cathleen McAnneny*, University Of Maine at Farmington, *Are You Being Served? Access to Dental Care in Maine.*

11:30 Fahui Wang*, Louisiana State University; Lan Luo, University of Illinois at Urbana-Champaign; Sara McLafferty, University of Illinois at Urbana-Champaign, *Healthcare Access, Socioeconomic Factors and Late-Stage Cancer Diagnosis: An Exploratory Spatial Analysis and Public Policy Implication.*

4272. Theorising Youth Transitions and the Life Course II

Room: Dalton, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Nancy Worth, University of Leeds; Matthew Higgs

CHAIR(S): Peter Hemming, University of Leeds

10:10 Kirsty Louise Finn*, University of Manchester, UK, *Re-imagining Home in the Transition to Higher Education: a Young Women's Perspective.*

10:30 Matthew Stephen Higgs*, *Exploring the role of alcohol during the first year at University.*

10:50 Jennifer Morrissey*, Oxford University, *Moving beyond the school-to-work transition: incorporating the home and the family into theoretical understandings of transition experiences.*

11:10 Lorraine E. Maxwell, Ph.D.*, Cornell University, *Adolescents and the use of public spaces.*

Discussant(s): Tracey Skelton, National University of Singapore

FRIDAY, APRIL 18

12:20 PM - 2:00 PM

4300

12:20 PM - 2:00 PM**4302. Public Participation***Room:* Clarendon Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ashok Das, University of California, Los Angeles

12:20 Natalia Yakovleva, PhD*, Cardiff University, *Community and infrastructure development: a case of East Siberia-Pacific Ocean oil pipeline construction in Russia.***12:40** Wallace Murray, Hunter College, CUNY; Jason Nu*, Hunter College, CUNY, *Engaging New York City's Cycling Public in the Planning Process: A Survey and GIS Analysis of Bicycle Parking Needs.***1:00** Sukhyun Park*, SUNY ESF, *When Sustainable Development Meets Democracy: Case Studies of Deliberative Democratic Processes in S. Korea.***1:20** Ashok K Das, Doctoral Candidate*, University of California, Los Angeles, *Varying outcomes, similar plans: Comparing participatory slum upgrading across contexts.***4303. Tourism Imageries***Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jon C. Malinowski, U.S. Military Academy

12:20 Tatiana Borisovna Schoenberg*, SUNY At Buffalo, *Differences and similarities in photographs of landscape perception.***12:40** Howard Horowitz*, Ramapo College, *Wordmaps of Rivers.***1:00** Athinodoros Chronis*, California State University, *From Fratricide to Celebration: How Consumption of the Gettysburg Place-Myth (Re)Shapes our National Imaginary.***1:20** Molly Boeka Cannon*, University of Nebraska-Lincoln, Department of Geography; Douglas M Amedeo, PhD., University of Nebraska-Lincoln, Department of Geography, *The Place of Space in Ordinary Settings for Human Activity and Experience.***1:40** Jon C. Malinowski*, U.S. Military Academy, *Photographic Representations of Everyday Spaces.***4304. System Modeling and Spatial Analysis***Room:* Exeter Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Terri L. Arnold, United States Geological Survey

12:20 Cody M. Yeager*, UNCC Dept. of Geography and Earth Sciences; Seok-Won Lee, UNCC Dept. of Software and Information Systems; William Tolone, UNCC Dept. of Software and Information Systems; Wei-Ning Xiang, UNCC Dept. of Geography and Earth Sciences, *When Should An Intervention be Imposed On Critical Infrastructure Disruptions?.***12:40** Kriste Henson*, Los Alamos National Laboratory and University of California - Santa Barbara; Konstadinos Goulas, University of California - Santa Barbara, *The Relationship between Population and Land Use for Application in Homeland Security Modeling.***1:00** Naushad Kolikkathara*, Montclair State University, NJ; Huan Feng, Montclair State University, NJ; Hiroki Yamakawa, Montclair State University, NJ, *Integrated Solid Waste Management Through Prognosis and Systems Dynamics Modeling.***1:20** Terri L. Arnold*, United States Geological Survey, *Statistical and geospatial methods for mapping hydrochemical regions of the glacial aquifer system, northern United States.***4305. New State Spatialities III: Challenges and Contradictions in State Spatiality***Room:* Fairfield Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): John Harrison; Julie MacLeavy

CHAIR(S): Julie MacLeavy

12:20 Steve Musson*, University of Reading, *Public Private Partnership and the Geography of the State.***12:40** Danny MacKinnon*, University of Aberdeen; Jon Shaw, University of Plymouth; Iain Docherty, University of Glasgow, *New State Spaces: Devolution and the Rescaling of Transport Governance in Scotland.***1:00** Proinnsias Breathnach*, Department of Geography, National University of Ireland, Maynooth, *Emerging contradictions in Ireland's historic central/local compromise: the search for new political-economic spatialities.***1:20** O.T. Ford*, IUPUI, *Governments de facto and the border concept.*

Discussant(s): Julie MacLeavy

4306. Geographies of the secular public I (Sponsored by Political Geography Specialty Group, Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)*Room:* Harvard Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Nicolas Howe, University of California - Los Angeles; Joshua Comaroff

CHAIR(S): Nicolas Howe, University of California - Los Angeles

Introducer: Nicolas Howe

12:25 Justin Wilford*, University of California Los Angeles, *The Rise of "New Paradigm" Evangelicalism: Postsuburbia as a Counter-Secularization Strategy.***12:45** Nicolas Howe*, University of California - Los Angeles, *Secular Law and Civic Landscape.***1:05** Jonathan M. Smith*, Texas A&M, *American Infidelity: The Historical Geography of Secular Humanism in the United States.***1:25** Lynn A. Staeheli*, University of Edinburgh; Don Mitchell, Syracuse University, *Regulating Faith and Transgressing Secularism on the Street.*

Discussant(s): Denis E. Cosgrove, University of California

4307. Rural and Small Town Dynamics III (Sponsored by Rural Geography Specialty Group, Population Specialty Group)*Room:* Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): John Cromartie, USDA; Peter B. Nelson, Middlebury College

CHAIR(S): Alexander C. Vias, University Of Connecticut

12:20 John Cromartie*, USDA, ERS; Shawn Bucholtz, USDA, ERS, *Understanding rural definitions.***12:40** Hugh J. Gayler*, Brock University, *Agricultural land preservation, exurbia and the new countryside: the Niagara, Canada case.***1:00** Richard A. Russo*, University of Maryland, *A Cultural Assessment of Farmland Preservation Program Success in Maryland.***1:20** Eric Compas*, University of Wisconsin-Whitewater, *"Retooling" for the New West: local environmental groups, regime theory, and land-use planning.*

FRIDAY, APRIL 18**12:20 PM – 2:00 PM****4300****4308. Geographies of Dissent and Repression I: Spaces of Resistance (Sponsored by Socialist and Critical Geography Specialty Group)**

Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): David Correia, University Of Maine, Farmington; Bruce D'Arcus, Miami University Of Ohio
 CHAIR(S): Bruce D'Arcus, Miami University Of Ohio
 12:20 Reecia Orzeck*, University of Vermont, *Hunger as political speech.*
 12:40 Wendy S. Shaw*, University Of New South Wales, *Riotous Sydney.*
 1:00 Bruce D'Arcus*, Miami University Of Ohio, *The Resistance Machine: The Urban Geography of Red Power.*
 1:20 David Correia*, University Of Maine, Farmington, *"I had those radicals killed": Confessions of an Agent Provocateur.*
 Discussant(s): Steve Herbert, University of Washington

4309. British Perspectives on Geography Education Research 2: The concepts of space and place, and geographic capability in young people

Room: MIT Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): David Lambert; Graham Butt, University of Birmingham
 CHAIR(S): Graham Butt, University of Birmingham
 12:20 Alun David Morgan, Dr.*, Institute of Education, London, *Learning Communities, Cities and Regions for Sustainable Development and Global Citizenship: the Potential Contribution of School Geography.*
 12:40 John Morgan, Dr*, Institute of Education, University of London, *The Consequences of Space for Geography Education.*
 1:00 David Mitchell*, Institute of Education University of London, *Spatially speaking: thinking through GIS.*
 1:20 David Lambert, Professor*, University of London/Geographical Association, *The concepts of space and place, and geographic capability in young people.*
 Discussant(s): Graham Butt, University of Birmingham

4310. Remaking governance, mobilizing policy: mapping new geographies of institutional transformation II (Sponsored by Economic Geography Specialty Group)

Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Jamie Peck, University of Wisconsin, Madison; Neil Brenner, New York University
 CHAIR(S): Theodore Nik, University Of Illinois At CHIC
 12:20 Helga Leitner*, University of Minnesota - Minneapolis; Eric Sheppard, University of Minnesota, *Selective Closure: Remaking the governance of migration and trade.*
 12:40 Eugene McCann*, Simon Fraser University; Kevin Ward, University of Manchester, *Relationality and/or territoriality? Toward a conceptualization of cities in the world..*
 1:00 Byron A. Miller*, University of Calgary; Alan Smart, University of Calgary, *Contentious Responsibilities: (Re)negotiating Multi-level Governance and Policy-Making in Canada's Boom City.*
 1:20 Claudia Hanson Thiem*, University of Wisconsin-Madison, *Implementing education markets: social entrepreneurs, venture philanthropists, and the growth of charter schooling.*
 1:40 Theodore Nik*, University Of Illinois At Chicago; Jamie Peck, University of Wisconsin-Madison, *Recombinant workfare, across the Americas.*

4311. Topics in Biogeography (Sponsored by Biogeography Specialty Group)

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)
 ORGANIZER(S): Joy A. Fritschle, West Chester University of Pennsylvania
 CHAIR(S): Joy A. Fritschle, West Chester University of Pennsylvania
 12:20 James J. Hayes*, Indiana University, *Spatial variability of landscape pattern change following a large wildfire.*
 12:25 Joshua Kincaid*, Glenville State College, *The effects of canopy disturbance and climate on radial growth of eastern hemlock (Tsuga canadensis) in the southern Appalachian Mountains, USA.*
 12:30 Kim C. Diver, Ph.D.*, Smithsonian Tropical Research Institute, *Distribution of the exotic species Rumex acetosella L. (sheep sorrel) and Sedum acre L. (mossy stonecrop) on 41 islands in the Great Lakes.*
 12:35 Matthew F. Bekker*, Brigham Young University; George P Malanson, University of Iowa, *Linear Vegetation Patterns in Subalpine Forests.*
 12:40 Kathleen M Bergen*, University of Michigan; Kyle Brown-Kwaiser, University of Michigan; Daniel Brown, University of Michigan; James Burnham, International Crane Foundation; Jeb Barzen, International Crane Foundation, *Poyang Lake Wetland Habitats: Cover Types, Landscape Structures And Landscape Gradients.*
 12:45 Ophelia Wang*, University of Texas; Kenneth R Young, University of Texas; Rodrigo Sierra, University of Texas, *Remote sensing-based tree species niche modeling in the Ecuadorian Amazon.*
 12:50 Ian Slayton*; Sally P. Horn, University of Tennessee, *The Diet of An Endangered Mammal at the Edge of its Range: Baird's Tapir (Tapirus bairdii) in the Chirripó Páramo of Costa Rica.*
 12:55 Darren S. Smith, Resource Ecologist, California State Parks - San Diego Coast District; John F. O'Leary*, San Diego State University, *Floristic Composition of Diegan Alluvial Sage Scrub Vegetation.*
 1:00 Leah Bremer*, San Diego State University, *The Superb Lyrebird in the Lane Cove river catchment: an analysis of its historical decline and potential re-introduction.*
 1:05 Joy A. Fritschle*, West Chester University of Pennsylvania, *Reconstruction of historic vegetation patterns from an underutilized data source in the original Public Land Surveys.*

4312. Geography/Rivers/Literature: Crossing Tricky Waters (Sponsored by European Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Thomas Puleo, UCLA; Davide Papotti, University of Parma - Italy
 CHAIR(S): Thomas Puleo, UCLA
 Panelists: Thomas Puleo, UCLA; Davide Papotti, University of Parma - Italy; Chris Eckerman, UCLA, Dept. of Classics

FRIDAY, APRIL 18

12:20 PM – 2:00 PM

4300

4313. Roepke Lecture in Economic Geography (Sponsored by Economic Geography Specialty Group)

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Yuko Aoyama, Clark University; Sara McLafferty, University of Illinois
 CHAIR(S): Jamie Peck, University of Wisconsin, Madison
 Introducer: Kevin R. Cox
2:45 Michael Storper*, London School of Economics, *The Geography of Coleman's Bathtub*.
 Discussant(s): Gilles Duranton, University of Toronto; Anders Malmberg, Uppsala University

4314. China's urban development in the era of globalization (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): George Lin, University of Hong Kong; Alana Boland, University of Toronto
 CHAIR(S): Alana Boland, University of Toronto
12:20 Xuefei Ren*, Michigan State University, *Building Globalization: Transnational Architectural Production in Urban China*.
12:40 Lu Chen*, *Examining the Development of Shanghai: An Emerging Global City*.
1:00 Hong Chen*, University of Washington, *Local Growth Coalition and Urban Development in China*.
1:20 Yun-Chung Chen*, Hong Kong University of Science & Technology; Wai-Ling Chan, *Cross-border Labor Rights Organizing in Southern China*.
1:40 Jiang Xu, Dr*, Centre of Urban Planning & Environmental Management, University of Hong Kong, *Coordinating the Fragmented Mega-city Regions in China: State Reconstruction and Regional Strategic Planning*.

4315. Weather and Society*Integrated Studies (WAS*IS) II (Sponsored by Climate Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Carlie Lawson, Natural Hazards Consulting
 CHAIR(S): Carlie Lawson, Natural Hazards Consulting
12:20 Kathleen Sherman-Morris*, Mississippi State University; Rebecca Jennings, The Weather Channel; Andrea Schumacher, Cooperative Institute for Research in the Atmosphere, *'Paws' and Click: Web-based Disaster Preparedness Information for Pets*.
12:40 Todd Reynolds*, Syracuse University, *Fragmentary Worlds: Unnatural Perceptions of and Shadowy Responses*.
1:00 David W Titley, RDML (Sel)*, US Naval Meteorology and Oceanography Command, Stennis Space Center MS; Grant Cooper, CAPT, US Naval Meteorology and Oceanography Command, Stennis Space Center, MS; Steven Payne, Ph.D., US Naval Meteorology and Oceanography Command, Stennis Space Center MS; John Kusters, CAPT, US Navy, Fleet Numerical Meteorology and Oceanography Command, Monterey CA; R. Michael Clancy, US Navy, Fleet Numerical Meteorology and Oceanography Command, Monterey CA; Tom Murphree, Ph.D., US Naval Postgraduate School, Monterey CA; Jim Hansen, Ph.D., US Naval Research Lab, Monterey CA, *Conveying Weather and Ocean Knowledge to the User: Going the Last Tactical Mile*.
1:20 Ilan Kelman, Ph.D., Center for International Climate and Environmental Research - Oslo (CICERO); Carlie

Lawson*, Natural Hazards Consulting, *Extreme event warning systems as social processes*.

1:40 Lynn D. Rosentrater*, University of Oslo, *Tools for Adaptation: A review of community-based methods for assessing impacts and vulnerability to climate change*.

4316. Military Lands in the U.S.: Geographical and Environmental Contexts (Sponsored by Military Geography Specialty Group)

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): William Doe, Colorado State University
 CHAIR(S): William Doe, Colorado State University
12:20 William Doe, Ph.D.*, Colorado State University, *The Legacy of Federal Military Lands in the U.S.: A Geographical Retrospective*.
12:40 Robert G. Bailey*, US Forest Service, *Ecoregion-based mapping of Military Operating Environments*.
1:00 James Chastain, Assistant Professor, West Point*, United States Military Academy, *Why Africom, Now?*.
1:20 Russell S. Harmon, PhD*, US Army Research Office; Eugene J Palka, COL, PhD, U.S. Military Academy; W. Chris King, BG(Ret), PhD, U. S. Army Command and General Staff College, *Characterizing Tropical Environments for Army Materiel and Human Performance Testing*.
1:40 Joseph P. Henderson, Assistant Professor*, United States Military Academy, *Aeolian Processes and Military Operations*.

4320. Politics of Affect: affective capitalism (Sponsored by Political Geography Specialty Group)

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Panel Session)
 ORGANIZER(S): John-David C. Dewsbury, University Of Bristol; Nick Bingham, Open University
 CHAIR(S): John-David C. Dewsbury, University Of Bristol
 Introducer: John-David C. Dewsbury
 Panelists: William Connolly, Johns Hopkins University; Nigel Thrift; Derek McCormack, University of Oxford; John-David C. Dewsbury, University Of Bristol

4321. Urban Geography: Markets and Retail

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Gina Cappelletti
12:20 Nairne Cameron, Ph.D.*, University of Alberta; Carl Amrhein, Ph.D., University of Alberta; Karen E. Smoyer-Tomic, Ph.D., University of Delaware; Kim D. Raine, Ph.D., University of Alberta; Lee Yen Chong, University of Alberta; Vladimir Yasenovskiy, M.Sc., University of Alberta, *Cornering the Market: Revolution and Restriction of Retail Supermarket Locations*.
12:40 Katherine M. Johnson, Ph.D.*, University of Northern Colorado, *Municipal Corporate Liberalism*.
1:00 Erin DeMuynck*, University of Illinois at Urbana-Champaign, *Co-optation and Resistance: A Preliminary Analysis of a Farmers' Market Paradox*.
1:20 Juan David De Lara*, University of California, Berkeley, *Living the Good Life in Inland California: Global Warming, Shopping, and Development*.
1:40 Gina Cappelletti*, The George Washington University, Department of Geography, *Cultivating community in underserved neighborhoods: Low-income farmers' markets, food security, and placemaking in the District of Columbia*.

FRIDAY, APRIL 18**12:20 PM - 2:00 PM****4300****4322. Human Geography in Action: Social, Cultural, and Historical**
Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)

ORGANIZER(S): Program Committee

Ruth Zipfel*, Middle Tennessee State University; Hari P Garbharran, PhD, Department of Geosciences, *HICIC and Ica Partnership for Orphanage Project in Peru*.Josh Meisel*, Haskell Indian Nations University; Terra Houska, Haskell Indian Nations University, *Interactively Mapping the History of Haskell Indian Nations University*.Jacob M McDonald*, University of Wisconsin - Eau Claire; Harry M Jol, University of Wisconsin - Eau Claire; Philip Reeder, University of South Florida; Richard Freund, University of Hartford; Emmanuel Anati, Edizioni del Centro, *Ground penetrating radar aided archaeological survey on Har Karkom (Mt. Sinai?), Israel*.Jim Handley*, University of Wisconsin - Stout, *Santa Anita la Union: Community, Cooperation, and Coffee*.Dawn E Liverman*, University of West Georgia; Brian K Parrish, University of West Georgia; Georgina G DeWeese, University of West Georgia, *Dendroecological Investigation of Historic Indian Trail Trees on the Trail of Tears, Northern Georgia to Arkansas*.Kristin Pancotti*, Clark University, *Lower-income single mothers in affluent suburban communities: An analysis of the lives of four families in Massachusetts*.Aisling Gallagher*, University of Bristol, *New Geographies of Childcare: Female Entrepreneurs and the Spaces of 'Social Investment' in Ireland*.Stephanie J. Wodarski*, University of North Carolina at Charlotte, *Baseball and Southern Textile Mill Towns: A Qualitative Examination*.Michelle Baumflek*, University of Vermont; Marla Emery, United States Forest Service; Clare Ginger, University of Vermont; David Putnam, University of Maine, Presque Isle, *Integrating Traditional Ecological Knowledge and Ecology for Sustainable Collaborative Management of Non-timber Forest Products in the Northern Forest*.Pia Anderson*, American University of Sharjah, *Globalization, Identity and Third Culture Kids*.Ken Whalen*, University of Florida, *Re-presenting the Trail of Tears National Historic Trail: Imagetext and Meaning*.Steven Schnell*, Kutztown University Of Pennsylvania, *Food With a Farmer's Face: Community Supported Agriculture in the United States*.Brian K. Parrish*, Department of Geosciences, University of West Georgia, Carrollton, Georgia; Georgina G. DeWeese, Dr., Department of Geosciences, University of West Georgia, Carrollton, Georgia; Randa P. Harris, Department of Geosciences, University of West Georgia, Carrollton, Georgia; Henri D. Grissino-Mayer, Dr., Department of Geography, University of Tennessee, Knoxville, Tennessee, *Dendroarchaeological Dating of the Chief John Ross House, Rossville, Georgia*.Eugene K Boyd, Undergraduate Student*, University of Wisconsin Eau Claire, *Wisconsin Sports Geography: High School Football Recruiting*.Gregory Cain*, Slippery Rock University, *Variations in University Sub Culture Source Areas: A case study of Slippery Rock University*.Raelynn Butler*, Haskell Indian Nations University, *Demographic trends around Martin Luther King Jr. Streets in United States Cities*.Mary Joe Morris*, Arkansas State University, *The Cultural Landscape of Crowley's Ridge*.Zachary Schmitt*, Slippery Rock University, *Spatial variations in online vs residential students: A Case Study*.Patrick May*, Plymouth State University, *"But is it Good Craic?": The Changing Cultural Landscape of a Globalizing Ireland*.Jess C. Porter, Ph.D.*, Oklahoma State University, *Where Was the Dust Bowl?*.Arianna Fernandez*, Arizona State University; John Finn, Arizona State University; Daniel D. Arreola, Arizona State University; Casey Allen, Arizona State University; Claire Smith, Arizona State University; Lindsey Sutton, Arizona State University, *Puerto Peñasco: From Fishing Village to Tourist Mecca*.Jim Davis*, Eastern Illinois University, *From Asia to Latin America: The Globalization of America's National Pastime*.Craig S. Revels*, Central Washington University; Morris L. Uebelacker, Central Washington University; Casey R. Dombert, Central Washington University, *On the Hoof: Emergence of the Industrial beef Landscape of the Columbia Basin*.Jonathan C. Comer*, Oklahoma State University; Thomas A. Wickle, Oklahoma State, *The Influence of Religious Radio Broadcasting in the U.S.*.Dale Lightfoot*, Oklahoma State University, *The Chain Wells of Cyprus: History and Ecology of an Ancient Technology*.James E. Mills, Associate Professor*, SUNY-Oneonta, *Sacred Space in Tropical Karst Topographies*.G. Rebecca Dobbs*, Emporia State University, *No Blank Slat e-Frontier Settlement Reconsidered: A New Model with "Initial Conditions"*.Doram Wallach*, SUNY Geneseo, *The Study of Africa by North American Geographers, 1930's to 1990's*.**4323. The African Diaspora in the U. S. and Canada II (Sponsored by Africa Specialty Group, Ethnic Geography Specialty Group)****Room:** Grand Ballroom Salon H, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): John Frazier, Binghamton University

CHAIR(S): Joe T. Darden, Michigan State University

Panelists: Lawrence Estaville, Texas State University; Elizabeth Chacko, The George Washington University; John Frazier, Binghamton University; Joe T. Darden, Michigan State University; Ian Yeboah, Miami University

4324. Impacts of Internet GIS and Virtual Globes on Cartographic Research (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)**Room:** Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Ming-Hsiang Tsou, San Diego State

University; André Skupin, San Diego State University
CHAIR(S): Michael P. Peterson, U of Nebraska-Omaha**12:20** Brandon S Plewe, PhD*, Brigham Young University, *Making Volunteer Mapping Work*.**12:40** Ming-Hsiang Tsou*, San Diego State University, *Cartographic Research Challenges in Internet-based Mapping Services and Virtual Globes*.**1:00** Barbara S Poore*, United States Geological Survey, *Push-pin Geography: Implications for the design of user-centered interfaces for Internet mapping*.**1:20** Bruce A. Ralston, PhD*, University of Tennessee; Joshua Streufert, University of Tennessee, *On-the-Fly Thematic Area Feature Mashups Using Census Data*.

FRIDAY, APRIL 18

12:20 PM – 2:00 PM

4300

- 1:40** Katarina Zsoldos Doctor*, George Mason University, United States Geological Survey, *Using visualization in Google Earth to bring scientific and environmental issues closer to the global public.*
- 4325. Dendrochronology III: Stable Isotopes in tree ring science. (Sponsored by Climate Specialty Group, Biogeography Specialty Group)**
Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Mary Gagen; Shelly A. Rayback, University of Vermont
 CHAIR(S): Pascale Poussart
12:20 Shelly A. Rayback, Ph.D.*, University of Vermont; David L. Berg, B.A., University of Vermont, *Using dendroclimatological and stable isotope techniques to reconstruct past climate on Mount Rainier, Washington.*
12:40 Pascale Maloof Poussart, Dr.*, Princeton University, *Dendrochemical Dating: Insights from the Rainforest of Buton Island, Indonesia.*
1:00 Trevor J. Porter*, Carleton University; Michael F.J. Pisaric, Carleton University; Steve V. Kokelj, DIAND, Water Resources Division; Thomas W.D. Edwards, University of Waterloo, *The use of stable oxygen isotope ratios in tree-rings for reconstructing flood events in the Mackenzie Delta, Northern Canada.*
1:20 Mary Gagen*, University of Wales Swansea; Danny McCarroll, University of Wales Swansea; Neil Loader, University of Wales Swansea; Iain Robertson, University of Wales Swansea; Giles Young, University of Wales Swansea; Andreas Kirchefer, University of Tromsø; Risto Jalkanen, Metla, Rovaniemi, Finland, *On the response of oak and pine trees in northern Europe to rising CO₂.*
 Discussant(s): Shelly A. Rayback, University of Vermont
- 4326. Remote Sensing and GIS for Coastal and Watershed Research (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group, Remote Sensing Specialty Group)**
Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Xiaojun Yang, Florida State University; Luoheng Han, Univ of Alabama
 CHAIR(S): Xiaojun Yang, Florida State University
12:20 Luoheng Han*, Univ of Alabama, *Estimating Chlorophyll a Concentrations for Coastal Waters with Remote Sensing.*
12:40 Soe W Myint*, Arizona State University, *An object-oriented approach and a lacunarity measure to identify different mangrove species and their surrounding land-use and land-cover types.*
1:00 Tung Fung*, Chinese Univ of Hong Kong; Frankie K.K. Wong, Chinese University of Hong Kong; Yee Leung, Chinese University of Hong Kong; Mingwei Dai, Chinese University of Hong Kong, *Mangrove Species Mapping using Quickbird Image in the Maipo Ramsar Site, Hong Kong.*
1:20 Joni Bugden-Storie, Ph.D.*, Western Carolina University; Frank Obusek, NCGIA, *Mapping of non-tidal wetlands using ALOS Palsar polarimetric radar data in Carteret County, North Carolina.*
1:40 Xiaojun Yang*, Florida State University, *Modeling Coastal Hydrological Networks Using Lidar and High-resolution Remote Sensor Data.*
- 4327. Brazilian Cities: Built Form, Social Geography, And Environmental History (Sponsored by Cultural and Political Ecology Specialty Group, Urban Geography Specialty Group, Latin America Specialty Group)**
Room: Nantucket Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Brian J. Godfrey, Vassar College; Sandra Costa, Indiana University
 CHAIR(S): Antoinette WinklerPrins, Michigan State University
 Introducer: Antoinette WinklerPrins
12:21 Michael P. Conzen*, University of Chicago, *"Mineiro morphogenesis: Ouro Preto's townscape development and Brazilian heritage practice".*
12:41 Sandra Costa*, University of Vale do Paraiba and Indiana University; Eduardo S Brondizio, Indiana University; Christine Padoch, New York Botanical Garden, *Inter-urban dependency in Amazonian cities: urban growth, social networks, and resources flow.*
1:01 Brian J. Godfrey*, Vassar College, *Urban Renewal, Favelas, and Guanabara Bay: Environmental History and Sustainability In Rio de Janeiro.*
1:21 Chris Gaffney, PhD*, The University of North Carolina at Chapel Hill, *Mega-discipline - sporting infrastructure and urban change in Rio de Janeiro.*
 Discussant(s): John O. Browder, Virginia Tech
- 4328. Conversations with the Arch Amenity III: Urban Parks as Uncommon Ground (Sponsored by Recreation, Tourism, and Sport Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Provincetown Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Yolonda Youngs, Arizona State University; Terence Young, California State Polytechnic University-Pomona
 CHAIR(S): Terence Young, California State Polytechnic University-Pomona
12:20 Melanie Jones*, University of Cambridge, *Politics and the urban park: creating and constraining Savannah's Park and Tree Commission.*
12:40 Geoffrey L. Buckley*, Ohio University, *Park Access and the "Negro youth" of Baltimore, 1900 - 1940.*
1:00 Christopher Boone*, Arizona State University, *Park Access and Environmental Equity in Baltimore, Maryland.*
1:20 Lisa M. Benton-Short, Ph.D.*, The George Washington University, *21st Century challenges for urban national parks: the case of the National Mall in Washington, DC.*
 Discussant(s): Edward K. Muller, University of Pittsburgh
- 4329. Alternative Nationalisms: (Un)Doing National Spaces of Belonging (2) (Sponsored by Indigenous Peoples Specialty Group)**
Room: Hyannis Room, Marriott, 4th Floor (Paper Session)
 ORGANIZER(S): Nichola Wood, University of Leeds; Fiona Smith
 CHAIR(S): Fiona Smith
12:20 Judith Walcott*, University of Cambridge, *Border nationalisms: (counter) discourse and practice in the Andean Ecuador-Colombia border region.*
12:40 Jouni Häkli*, University of Tampere, *Between race and nation. Carving space for Sami indigenous identity in Finland.*
1:00 Kathryn J. Besio*, University of Hawaii at Hilo; Kali D. Fermantiez, University of Hawaii at Hilo; Drew Kapp*, University of Hawaii'i at Hilo, *Alter(ed)Native Nationalisms: Spaces of Resistance and Accommodation on a Hawai'i University Campus..*

FRIDAY, APRIL 18**12:20 PM – 2:00 PM****4300**

1:20 Perna P Lal, MA*, SFSU, *Rethinking 'Illegals': The Racialization of Undocumented American Students, Identity and Citizenship.*

1:40 Miri Lavi-Neeman*, UC Berkeley, *Between the Nation and its Natures: The Place of Environmental Educators in Israel.*

4330. Religious Landscapes

Room: Orleans Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ramesh C. Dhussa, Drake University

12:20 Barry Vann, PhD, EdD*, Lincoln Memorial University, *Qur'anic Geotheology: Muhammad and Landscape Imagination.*

12:40 Tomas Havlicek*, Charles University of Prague, Department of Social Geography, *Religious landscape in Czechia during the period of transformation.*

1:00 Murat Es*, University of North Carolina, *Constructing Cemevis, Constituting Alevis: Religion and Secularism in Turkey.*

1:20 Brian A.L. Tan, Mr*, National University of Singapore, *Village Landscape as a Nexus of Encounters: Christian Proselytization amongst the Lahu Nyi in N. Thailand.*

1:40 Ramesh C. Dhussa*, Drake University, *Kaleidoscope of Chinese Landscapes.*

*** Continued into next slot, 4535

4331. Producing Neoliberal Environments: The Role of Geotechnologies in Contemporary Enclosures and Resistance (Sponsored by Cultural and Political Ecology Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Kevin St. Martin, Rutgers University; Lisa Campbell, Duke University

CHAIR(S): Kevin St. Martin, Rutgers University

12:20 Leif Brottem, University of Wisconsin-Madison; Matthew Turner*, University of Wisconsin-Madison, *Geospatial technologies, conservation landscapes, and common property institutions in West Africa.*

12:40 Ken Bauer*, University of Vermont, *Degradation, Enclosure, and the Drivers of Resource Management Policies in Tibetan pastoral areas of China.*

1:00 Julia Olson*, NOAA Fisheries, *Seeding Nature, Ceding Culture: Redefining the Boundaries of the Marine Commons through GIS.*

1:20 Lisa Campbell*, Duke University, *Remapping Territory at Sea: The Political Outcomes of Tracking Sea Turtles.*

Discussant(s): Becky Mansfield, Ohio State University

4332. Diaspora Strategies, New Middle Classes and Evolving Neoliberal Strategies in the Global South

Room: Falmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Alexander Lovell, Queen's University; Beverley Mullings, Queen's University

CHAIR(S): Beverley Mullings, Queen's University

12:20 Alexander M Lovell, PhD Student II*, Queen's University, *Exploring Historical-Geographies of the 'Diaspora Strategy'.*

12:40 Janine Rose, BA, MES*, York University, *Modes of migrant participation (in home country development): Diaspora-supported development in the Jamaican context..*

1:00 Janet H. Momsen, Ph.D.*, Univ of California, *Resistance and home: identity formation amongst the Guyanese diaspora.*

Discussant(s): Beverley Mullings, Queen's University

4333. Ethnic Geography Specialty Group Distinguished Scholar Lecture: Ceri Peach (Sponsored by Ethnic Geography Specialty Group)

Room: Vineyard Room, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Wei Li, Arizona State University; Carlos Teixeira, University of British Columbia Okanagan

CHAIR(S): Carlos Teixeira, University of British Columbia Okanagan

Introducer: Carlos Teixeira

Discussant(s): Ron Johnston, University of Bristol; David F. Ley, University of British Columbia

Panelists: Ceri PEACH, Oxford University

4334. Neoliberal urban-environmental reconfigurations III: Environmental amenities, competition, and accumulation

Room: Maine Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): James P. McCarthy, Pennsylvania State

University; Kevin Ramsey, University Of Washington

CHAIR(S): Kevin Ramsey, University Of Washington

12:20 James McCarthy*, Penn State University, *The social and environmental geographies of Boston's 'Big Dig'.*

12:40 Ted Rutland*, University of British Columbia, *A Deadly Game: The Neoliberal Geopolitics of Urban Parks in Halifax, Nova Scotia.*

1:00 Jeremy Bryson*, Syracuse University, *'Greens' urban development: golf courses and the production of urban environmental amenities in the 'new West' city.*

1:20 Brent Olson*, Syracuse University, *Home on the Fringe: Environmental Politics in the "New West."*

Discussant(s): Alec Brownlow, DePaul University

4335. Geography as Art: Film Screening and Panel Discussion on using Visual Geography in the Classroom

Room: New Hampshire Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Kama Varney-Heck

CHAIR(S): Chris Mayda, Eastern Michigan University

Panelists: Kama Varney-Heck; David Truly, Central Connecticut State University; Charles Bartlett Travis, Rowan University; Chris Mayda, Eastern Michigan University; Grant Andrew Wilson

4336. Development Practice as Development Geography (Sponsored by Developing Areas Specialty Group)

Room: Vermont Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Brent McCusker, West Virginia University; Daniel Weiner, West Virginia University

CHAIR(S): Daniel Weiner, West Virginia University

Panelists: Daniel Weiner, West Virginia University; Philip Okeefe; Kirsten Johnson, Retired; Ben Wisner, Independent Scholar; Brent McCusker, West Virginia University

4337. Women's Roundtable 2: Women Geographers Beyond the Academy (Sponsored by Geographic Perspectives on Women Specialty Group, Committee on the Status of Women in Geography)

Room: Massachusetts Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Wendy Jepson, Texas A&M University

CHAIR(S): Wendy Jepson, Texas A&M University

Introducer: Wendy Jepson

Panelists: Kathleen McAfee, San Francisco State University; Molly E. Brown, Science Systems and Applications; Marla R. Emery, US Forest Service; Dawn A. Morrison, U.S. Army Corps of Engineers, ERDC-CERL

FRIDAY, APRIL 18

12:20 PM – 2:00 PM

4300

- 4338. Challenges of Sustainability Transitions (Sponsored by Energy and Environment Specialty Group, Transportation Geography Specialty Group)**
Room: St. George A, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Stephen McCauley, Clark University; Jennie Stephens, Clark University
 CHAIR(S): Stephen McCauley, Clark University
12:20 Jennie C. Stephens, Ph.D.*, Clark University; Elizabeth J. Wilson, Ph.D., University of Minnesota; Tarla Rai Peterson, Ph.D., Texas A&M University, *Comparative State-level Discourse on the Potential of Carbon Capture and Storage Technology to Contribute to an Energy System Transition.*
12:40 Scott Justo*, Worcester Polytechnic Institute, *Bricks or Sandbags? The politics of technological choice and the pursuit of sustainable informal settlement upgrading in Cape Town..*
1:00 Thomas K. Rudel*, Rutgers University, *Can forest plantations become the engine that drives the forest transition?: a cross-national investigation.*
1:20 Stephen McCauley*, Clark University, *Challenges in Transitioning to Sustainable Land Use: A Case Study of Smart Growth Initiatives in the Greater Boston Area.*
1:40 Jochen Monstadt, Dr.*, York University, *Rethinking the sustainable transition of urban infrastructures: What can we learn from technology studies and urban studies?.*
- 4339. Urban growth and its impact on the environment - III (Sponsored by Spatial Analysis and Modeling Specialty Group, Urban Geography Specialty Group, Regional Development and Planning Specialty Group)**
Room: St. George B, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Chandana Mitra, University of Georgia
 CHAIR(S): Gerald Mills
12:20 Gerald Mills*, School of Geography, Planning & Environmental Policy, Newman Building, UCD, Dublin, Ireland, *Urban Climatology and its Relevance to Urban Design..*
12:40 Adil Rasheed*, EPFL; Darren Robinson, EPFL; Alain Clappier, EPFL, *Investigation of the nature of the dispersive fluxes in Urban Parameterization using Large Eddy Simulation.*
1:00 Julia Hidalgo*, Meteo-France // Vigo University; Valery Masson, Meteo-France; Luis Gimeno Presa, Vigo University, *New Urban-Breeze Scalings: Quantifying the City Impact on the Urban climate.*
1:20 Zbigniew Caputa*, University of Silesia, *Analytical Map Of The Radiation Balance Of A Rural And An Urban Surface In Upland Slasko-Krakowska, Poland.*
- 4340. Student Paper Competition Session II - Geography Education Specialty Group (Sponsored by Geography Education Specialty Group)**
Room: St. George C, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Rich Schultz, Elmhurst College
 CHAIR(S): Rich Schultz, Elmhurst College
 Introducer: Rich Schultz
12:21 Niem Tu Huynh, Ph.D candidate*, Wilfrid Laurier University, *A study of spatial thinking in GIS problem-solving.*
12:34 Lara MP Bryant, MAG*, Texas State University, *Measuring Changes in Student Environmental Affect.*
12:47 Catherine W. Cooper*, Texas State University-San Marcos, *Federal Legislation Versus the Local Geography Curriculum.*

- 1:00** Meredith Marsh*, University of California, Santa Barbara, *Spatial Concept Presence among K-12 Standards Documents: A Content Analysis of the National Geography, Math, and Science Standards.*
1:13 Austin Tyler Rutledge, M.S.*, Univeristy of Tennessee, *The Effectiveness of GIS in Teaching Analytical and Spatial Thinking Skills in Secondary World Geography Classes.*
 Discussant(s): Eric J. Fournier, Samford University
- 4341. Boundary Change: Spatial Implications and Theoretical Challenges (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)**
Room: St. George D, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Russell Smith
 CHAIR(S): Russell Smith
12:20 Russell Smith, AICP*, *Newly Incorporated Municipalities (NIMs): Toward a National NIM Typology.*
12:40 Richard L. Morrill*, University Of Washington, *Local Government, Growth Management and Boundary Determination in Washington State.*
1:00 Laura Waggoner*, U.S. Bureau Of the Census, *Boundary and Annexation Survey.*
1:20 Darryl T. Cohen*, U.S. Census Bureau, *Population Change in American Cities: 2000 to 2006.*
 Discussant(s): Richard L. Morrill, University Of Washington
- 4342. Susan Hanson's 45 years in geography I: Feminism and geography post-collision (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group)**
Room: Essex North-West, Westin, 3rd Floor (Panel Session)
 ORGANIZER(S): Marianna Pavlovskaya, Hunter College
 CHAIR(S): Victoria A. Lawson, University of Washington
 Panelists: Janice Monk, University of Arizona; Geraldine J. Pratt, University Of British Columbia; Sara McLafferty, University of Illinois; Sophia Bowlby, University of Reading; Robert W. Lake, Rutgers University; Valerie A. Preston, York University; Susan Hanson, Clark University
- 4343. The Colonial Present V: Post-Coloniality and Indigenous Geography (Sponsored by Geographic Perspectives on Women Specialty Group, Political Geography Specialty Group, Indigenous Peoples Specialty Group)**
Room: Essex North-East, Westin, 3rd Floor (Panel Session)
 ORGANIZER(S): RDK Herman, National Museum of the American Indian
 CHAIR(S): RDK Herman, National Museum of the American Indian
 Panelists: Brian J. Murton, University of Hawaii; Margaret Pearce; Joseph H. Bryan, UNC Chapel Hill; Federico Caprotti, University College London; Mary Gilmartin, NUI Maynooth; Jay T. Johnson, University of Nebraska
- 4344. Practiced architectures: spaces, performances, events 3**
Room: Essex North-Center, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Peter Merriman, Aberystwyth University; Jane M Jacobs, University of Edinburgh
 CHAIR(S): Jane M Jacobs, University of Edinburgh
12:20 Alexander P. Vasudevan, Dr. *, University Of Nottingham, *Dramaturgies of Dissent: Spatial Politics in Berlin, 1968 - 1996.*
12:40 Christopher Harker*, University Of British Columbia, *Emergent Architectures of Home and Hamula in Birzeit, Palestine.*

FRIDAY, APRIL 18**12:20 PM - 2:00 PM****4300**

1:00 Tim Cresswell*, Royal Holloway, University of London, *Contributing Objects: On Performance, Architecture and Other Things.*

1:20 Scott Rodgers*, Open University, *The Architectures of Media Power: Situating the Spaces of City Editing at 1 Yonge Street, Toronto.*

Discussant(s): Stefan Buzar, University of Birmingham

4346. Analysis of Trends & Climate Normals

Room: Parliament Room #1, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jason Allard, Southeast Regional Climate Center

12:20 Ryan P Shadbolt*, Michigan State University, *Spatial and Temporal Climate Trends of the Southern Appalachians.*

12:40 Shouraseni Sen Roy*, University of Miami, *Analysis of trends in extreme hourly precipitation events in India.*

1:00 Gregory S. Bohr*, California Polytechnic State University, San Luis Obispo, *Trends in Extreme Daily Surface Temperatures in California, 1950-2005.*

1:20 Keith G. Henderson*, Villanova University, *Daily Temperature Patterns During the Autumn Transition Season.*

1:40 Jason Allard, PhD*, South Carolina State Climate Office; William Easterling, PhD, Geography Department, The Pennsylvania State University, *Appropriate Climate Normals for the Southeastern United States.*

4347. Water and sustainability in urban environments II (Sponsored by Water Resources Specialty Group, Urban Geography Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Empire Room #6, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Heejun Chang, Portland State University; Kelli L. Larson, Arizona State University

CHAIR(S): Kelli L. Larson, Arizona State University

12:20 Patricia Gober*, Arizona State University, *Integrating Modeling for Water Resource Planning in Phoenix.*

12:40 Bob Bolin*, Arizona State University; Mohan Seetharam, Decision Center for a Desert City, Arizona State University; Patricia Gober, Arizona State University; Brian Pompeii, Arizona State University, *Water Resources, Climate Change and Institutional Vulnerability: A Case Study of Phoenix, Arizona.*

1:00 Lilah Zautner*, Arizona State University, *Water Vulnerability on the Urban Periphery: The Case of Metropolitan Phoenix, Arizona..*

1:20 Kelli L. Larson*, Arizona State University, *Sustaining Water Resources, or Maintaining the Status Quo?.*

Discussant(s): Dave White, Arizona State University

4348. The Right to the City: Activism in Boston (Sponsored by Socialist and Critical Geography Specialty Group)

Room: North Star Room #10, Westin, 7th Floor (Panel Session)

ORGANIZER(S): Kate Driscoll Derickson

CHAIR(S): Kate Driscoll Derickson

Discussant(s): Don Mitchell, Syracuse University

Panelists: Steve Meacham, City Life/Vida Urbana; Shirley Kressol, Alliance for Boston Neighborhoods; Penn Loh, Alternatives for Community and Environment; Philip Bronder-Giroux, Tri-City Community Action Program; Lydia Low, Chinese Progressive Organization

4349. Climate History III: Climate Change and Society (Sponsored by Climate Specialty Group, Paleoenvironmental Change Specialty Group)

Room: Defender Room #5, Westin, 7th Floor (Paper Session)

ORGANIZER(S): David Nash; Georgina Endfield, University of Nottingham

CHAIR(S): David Nash

12:20 Rodolfo Acuna-Soto, M.D., M.Sc., D.Sc.*, Universidad Nacional Autonoma De Mexico, *Drought-associated Famines and Epidemics in Central Mexico. The last 1000 years.*

12:40 Sarah J Davies*, Institute of Geography and Earth Sciences, Aberystwyth University; Neil Macdonald, Department of Geography, University of Liverpool; Cerys A Jones, Institute of Geography and Earth Sciences, Aberystwyth University; Cathryn A Charnell-White, Centre for Advanced Welsh and Celtic Studies, *Documentary evidence of climate variability in Wales - unlocking the potential of an untapped resource.*

1:00 Lucy Veale*, University of Nottingham, *Domesticating the tropical landscape: Climate, health and British society in nineteenth century Ootacamund, India..*

1:20 Georgina Hope Endfield*, University of Nottingham, *"Lying under a curse"?: Famines, floods and crisis in late nineteenth century Uganda.*

1:40 James Fleming*, STS Program, Colby College, *The Societal Context of General Circulation Model Research and Development: Public Policy and Pressures since 1945.*

4350. Cartography, Animation, Automation: Building Cool Tools

Room: Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kirk Goldsberry, Michigan State University

12:20 Lawrence V. Stanislawski*, SAIC-USGS; Otto C. Schnarr, III, USGS, *Implementation of an Automated Network Pruning Strategy for Generalization of the National Hydrography Dataset.*

12:40 Howard Veregin, Ph.D.*, Rand McNally, *An Automated Method for Estimating the Populations of Unincorporated Places in the United States.*

1:00 Alexandre Sorokine*, Oak Ridge National Laboratory; Mark Tuttle, Oak Ridge National Laboratory; Budhendra Bhaduri, Oak Ridge National Laboratory, *Approaches to Dynamic Decluttering of Cartographic Displays.*

1:20 Matt Millett*, University of Wisconsin-River Falls; Mathew Dooley, University of Wisconsin-River Falls, *Time Scale, Animation Pace and Pattern Detection.*

1:40 Kirk Goldsberry, PhD UDE*, Michigan State University, *Tweening in Cartographic Animation.*

4351. Interactions between Glaciers, Snow and the Climate System (Sponsored by Cryosphere Specialty Group)

Room: Great Republic #7, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Daniel J. Leathers, University Of Delaware

CHAIR(S): Daniel J. Leathers, University Of Delaware

12:20 Caroline Jamie Larsen*, The Ohio State University; Ellen Mosley-Thompson, Ph.D., The Ohio State University; Lijia Wei, M.S., The Ohio State University, *A 50-year proxy record of climate variability from western Greenland.*

12:36 Lijia Wei*, The Ohio State University; Ellen Mosley-Thompson, The Ohio State University, *Synthesizing More Robust Ice-core-derived Sulfate and Nitrate Aerosol Histories for Improved Modeling of Past Aerosol Forcing.*

FRIDAY, APRIL 18**12:20 PM – 2:00 PM****4300**

- 12:52** Ellen Mosley-Thompson*, Ohio State University, *Snow Accumulation over East Antarctica: Implications for Sea Level Rise.*
- 1:08** Daniel J. Leathers*, University Of Delaware; Christopher Karmosky, The Pennsylvania State University, *Relationships between Low-Frequency Atmospheric Forcing Mechanisms and Synoptic Weather Types Influencing Snowfall Across the Northeast United States..*
- 1:24** Keith R Mountain*, University of Louisville, *Testing Computational Procedures for Sensible and Latent Heat Transfer over Snow and Ice Surfaces..*
- 1:40** Anna Klene*, University of Montana; M. D. Shulski, University of Alaska - Fairbanks; X. Fan, University of Alaska - Fairbanks; J. R. Krieger, University of Alaska - Fairbanks; D. J. Morton, University of Montana; J. Zhang, University of Alaska - Fairbanks, *The influence of the Brooks Range on the wind regime of the Beaufort Sea coast.*
- 4355. Remote Sensing and Forest Cover: a Variety of Approaches**
Room: *Beacon A, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Keely Roth, University of California in Santa Barbara
- 12:20** Brian Daley*, University of the Virgin Islands, *Using Remote Sensing to Compare Young and Mature Forest in St. Croix, U.S. Virgin Islands.*
- 12:40** Michael M Loranty*, SUNY Buffalo, Department of Geography; D Scott Mackay, PhD, SUNY Buffalo, Department of Geography; Ryan Anderson, University of Minnesota, Department of Forest Resources; Paul V Bolstad, PhD, University of Minnesota, Department of Forest Resources; Bruce D Cook, University of Minnesota, Department of Forest Resources; Brent E Ewers, PhD, University of Wyoming, Department of Botany; Eric L Kruger, PhD, University of Wisconsin - Madison, Department of Forest and Wildlife Ecology; David E Roberts, SUNY Buffalo, Department of Geography; Elizabeth Traver, University of Wyoming, Department of Botany, *Using LiDAR to detect factors controlling variation in forest transpiration.*
- 1:00** Ruiliang Pu*, University of South Florida; Peng Gong, University of California at Berkeley; Qian Yu, University of Massachusetts at Amherst, *Comparative Analysis of EO-1 ALI and Hyperion, and Landsat ETM+ Data for Mapping Forest Crown Closure and Leaf Area Index.*
- 1:20** Keely L Roth*, University of California in Santa Barbara; Dar Roberts, PhD, University of California in Santa Barbara; Eliza Bradley, University of California in Santa Barbara; Philip E Dennison, PhD, University of Utah; Bothaina Natour, University of Utah; Geoffrey Parker, PhD, Smithsonian Environmental Research Center, *Combining Lidar and Hyperspectral Data for Improved Carbon Estimation in a Temperate Deciduous Forest.*
- 4356. In memory of Dr. Chor-Pang Lo: Reflections on Dr. Lo's Life, Accomplishments, and Scholarly Contributions to the Geography of China**
Room: *Beacon B, Sheraton, 3rd Floor* (Panel Session)
 ORGANIZER(S): Clifton W. Pannell, University of Georgia; George Lin, University of Hong Kong
 CHAIR(S): Clifton W. Pannell, University of Georgia
 Panelists: Gregory Veeck, Western Michigan University; Cindy Fan, UCLA; Kam Wing Chan, University of Washington; George Lin, University of Hong Kong; Clifton W. Pannell, University of Georgia
- 4357. Water Resource Challenges Due to Global Climate Change**
Room: *Beacon D, Sheraton, 3rd Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Laura Jean Stroup, University Of South Carolina
- 12:20** Kenneth Marc Strzepek*, University of Colorado; Joel B Smith, Stratus Consulting; KC Hallett, Stratus Consulting; Lee Rozaklis, Hydrosphere Inc; Carol Ellinghouse, *Sensitivity of Boulder Colorado's Water Supply to Climate Change.*
- 12:40** Mathias J. Collins, P.H.*, National Oceanic and Atmospheric Administration, *Evidence for Changing Flood Risk in New England Since the Late 20th Century.*
- 1:00** Jeremy C Lieb*, Central Washington University, *Historical impacts of climate variability and associated societal responses: A case study of the Upper Yakima Basin, Washington.*
- 1:20** Netra Chhetri*, Arizona State University; Uven Chow, Arizona State University, *Soft-Path Solutions Under Uncertainty: Multiple Stressor Analysis Of Water Resources In The Lower Colorado River Basin.*
- 1:40** Laura J. Stroup*, University Of South Carolina, *Climate Change Effects on U.S. Water Resources Management.*
- 4358. Author Meets the Critics: Frederick Buell's 'From Apocalypse to Way of Life: Environmentalism in the American Century'**
Room: *Beacon E, Sheraton, 3rd Floor* (Panel Session)
 ORGANIZER(S): David P. Nally, University of Cambridge
 CHAIR(S): David P. Nally, University of Cambridge
 Discussant(s): Frederick Buell, Queens College, CUNY, NY
 Panelists: Matthew Farish, Department of Geography, University of Toronto; David P. Nally, University of Cambridge; Bruce Braun, University of Minnesota - Minneapolis; Bhaskar Vira, University of Cambridge

FRIDAY, APRIL 18**12:20 PM – 2:00 PM****4300****4359. Environmental, Ecological, and Biological Issues in GIS and Remote Sensing***Room: Beacon F, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Thomas Bittner, SUNY - Buffalo

12:20 Gregory Haddock*, Northwest Missouri State University; C. Renee Rohs, Ph.D., Northwest Missouri State University; Kurt Haberyan, Ph.D., Northwest Missouri State University, *GIS Analyses in Extremely Large Scales in Geology and Biology*.

12:40 Xiaolan Wu*, Central Michigan University, *Spatial Optimization: Maximizing Relative Contiguity and Compactness in Reserve Design*.

1:00 Christopher Overdorf*, Jones & Jones Architects and Landscape Architects, *Measuring the Intrinsic Landscape*.

1:20 James Kurt Lein*, Ohio University, *Evaluating Environmental Compliance Monitoring via Remote Sensing Methodologies*.

1:40 Thomas Bittner*, SUNY - Buffalo, *An ontological analysis of ecoregion classifications*.

4360. Developing India: Agriculture, Microfinance, and Foreign Direct Investment*Room: Beacon G, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sanjoy Chakravorty, Temple University

12:20 Rita Mathew, PhD Student*, University of Georgia, Athens GA, *Multinational Corporations, Small farmers and the GMO debate: A Spatio-Temporal Analysis of Suicides in India*.

12:40 Chris Blackden*, University of Kentucky, *Sovereignty without Borders, Violence without Arms: Indian Farmers and the WTO*.

1:00 Claire A Simon*, University of Colorado, Boulder; Claire A Simon, University of Colorado - Boulder, *The Changing Landscape of Microfinance Investment - Discourses, Actions and Trade-offs*.

1:20 Papia Raj*, McGill University, *International Call Centers: Agents of Socio-economic Change in New Delhi*.

1:40 Sanjoy Chakravorty*, Temple University, *How to fit the old India into the new India: A space-time dilemma*.

4361. Indigenous Peoples: Marine and Mountain Environments*Room: Beacon H, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Steven Highland, Oregon State University Geosciences Department

12:20 Russell Fielding*, Louisiana State University, *Balancing GIS and Local Knowledge in Mariculture Site Selection: Brazil and Florida*.

12:40 Jennifer J. Silver, Ph.D Candidate*, Simon Fraser University, *Shellfish aquaculture development: Fit(ting) for West Coast First Nations in Canada?*.

1:00 Véronique Bussi  res, M.A.*, Concordia University, Department of Geography, Planning and Environment; Monica E. Mulrennan, Ph.D., Concordia University, Department of Geography, Planning and Environment, *Dynamic marine protected areas and local development in an aboriginal setting*.

1:20 Jesse S Sayles*, Concordia University, Department of Geography, Planning and Environment; Monica E Mulrennan, Concordia University, Department of Geography, Planning and Environment, *Wemindji Cree Adaptations to Coastal Landscape Change, Eastern James Bay*.

1:40 Steven A. Highland*, Oregon State University Geosciences Department, *Prehistoric Land Use Strategies and the Maintenance of Middle and High Mountain Meadows in Oregon's Western Cascades*.

4362. Geographies of Inequality (Sponsored by Economic Geography Specialty Group, Population Specialty Group)*Room: Kent, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Virginia L. Parks, University of Chicago; Sebastien Breau, McGill University

CHAIR(S): Jamie Goodwin-White, University of Sussex

12:20 Sebastien Breau*, McGill University, *Wage Inequality, Trade and Technological Change across Canadian Provinces: Analysis using Employer-Employee Data, 1996-2001*.

12:40 Alan Walks, University of Toronto; Richard Maaranen*, University of Toronto, *Growing Income Inequality and Polarization in Canada's Cities: An Examination and New Form of Measurement*.

1:00 Daisaku Yamamoto*, Central Michigan University, *Spatial income disparities amid industrial downturn in Michigan*.

1:20 Madhuri Sharma, Dept. of Geography, The Ohio State University*, The Ohio State University; Lawrence A. Brown, Dept. of Geography, The Ohio State University, *Examining Change in Racial/Ethnic Residential Intermixing in Columbus (OH), 1990-2000: A Multilevel and Multiethnic Approach*.
Discussant(s): David L. Rigby, Univ of California

4363. Africa: Regionalization, Urbanization and Segregation in Africa*Room: Jefferson, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Roy Cole, Grand Valley State University

12:20 Sarah Smiley*, Morgan State University, *Legacies of Colonial Urban Segregation: Expatriates in Dar es Salaam, Tanzania*.

12:40 Christian Tettey*, Trent University, *Urbanization Problems In Africa: A New Strategy For Solution*.

1:00 Francis Koti*, University of North Alabama, *A Conceptual Overview of African Peri-Urbanization*.

1:20 Suzanne P Blier, Professor*, Harvard University; William Haveman, Harvard University, *Exploring Historical Urban Space in Africa - a GIS based analysis*.

1:40 Roy Cole, Ph.D.*, Grand Valley State University, *Representation, rationales, and realities: a critique of the regionalization of Africa*.

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4364. Environmental Health Consequences*Room: Exeter, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Michael Emch, University of North Carolina at Chapel Hill

12:20 Chien Tat Low*, The University of Hong Kong, *An Exploratory Study of Environmental Risk Factors to Elderly Falls in Hong Kong - A GIS Case Study of Mong Kok, 2006-2007..***12:40** Chetan Tiwari*, University Of Iowa, *A Spatial Analysis System for Environmental Health Surveillance.***1:00** Daniel Buor*, Kwame Nkrumah University of Science and Technology, Kumasi-Ghana, *Correlating socio-demographic and environmental factors with women's health in Ahafo Ano South (Rural) district, Ghana..***1:20** Kristian Larsen*, University of Western Ontario; Jason Gilliland, University of Western Ontario; Paul Hess, University of Toronto, *Individual and environmental influences on a child's mode of travel to school.***1:40** Michael Emch*, University of North Carolina at Chapel Hill, *Spatial, Environmental, and Social Network Analysis in Vaccine Trials.***4365. Community and Regional Resilience Initiative (Sponsored by Hazards Specialty Group, Human Dimensions of Global Change Specialty Group)***Room: Berkeley, Sheraton, 3rd Floor (Panel Session)*

ORGANIZER(S): Thomas J. Wilbanks, Oak Ridge National Laboratory

CHAIR(S): Robert W. Kates, Independent Scholar

Panelists: Craig Colten, Louisiana State University; Robert W. Kates, Independent Scholar; Susanne C. Moser, National Center for Atmospheric Research; Thomas J. Wilbanks, Oak Ridge National Laboratory; Susan L. Cutter, University of South Carolina; Arleen A. Hill, University of Memphis

4366. Animal Geographies 3: Current and Future Research - Animals and Place (Sponsored by Ethics, Justice, and Human Rights Specialty Group)*Room: Hampton A, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Julie Urbanik, Westfield State College; Kristin L. Stewart, FSU

CHAIR(S): Julie Urbanik, Westfield State College

12:20 Jason Douglas*, Environmental Psychology - The Graduate Center - CUNY, *Inside Out: Children's Environmental Learning After-School.***12:40** Mara Miele, Dr. *, Cardiff University; Adrian Evans, Dr., Cardiff University; Marc Higgin, Ms., Cardiff University, *Measuring and monitoring the quality of life of farm animals.***1:00** Mona Seymour*, University of Southern California, *Placing parrots: exotic urban wildlife and normative perceptions of place.***1:20** Julie Urbanik, Ph.D. *, Westfield State College, *Hooters for Neuters: Sexism as Animal Advocacy?.***1:40** Alette Willis*, Carleton University, *Bearing Witness: The Narrative Ethics of Writing and Reading About Encounters with Animals in Place.***4367. Challenges and Possibilities for Visual Methods in Geography (Sponsored by Qualitative Research Specialty Group)***Room: Hampton B, Sheraton, 3rd Floor (Panel Session)*

ORGANIZER(S): Kacy McKinney; John Norton

CHAIR(S): Kacy McKinney

Panelists: Léonie Newhouse, University of Washington; Kacy McKinney; John Norton; Smith Ron, University of Washington

4372. Theorising Youth Transitions and the Life Course III*Room: Dalton, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Nancy Worth, University of Leeds; Matthew Higgs

CHAIR(S): Peter Hemming, University of Leeds

12:20 Yu-Chieh Hsieh*, *Taiwanese young people's gender and sexual identity formation.***12:40** John Charles Walker, Dr*, Oxford University, *Dis-embedding/re-embedding youth: markets, social networks, and the transition from school to factory in provincial Russia.***1:00** Ruth Evans*, University of Reading, *Young people's gendered caring trajectories in families affected by HIV and AIDS in the global North and South.*

Discussant(s): Robert M. Vanderbeck, University of Leeds

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2:30 PM - 4:10 PM**4402. Inciting Insight: Questioning sustainability's role in municipal governance (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)***Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)*ORGANIZER(S): Cristina Temenos, Simon Fraser University;
Emilia Kennedy, Simon Fraser University

CHAIR(S): Cristina Temenos, Simon Fraser University

2:30 Felicity Paynter*, Queen Mary, University of London,
*Sustainability and regeneration in English suburbs:
national debate and local implementation.***2:50** Helena Cruz-Gallach*, Universitat Autònoma Barcelona,
*Avoiding urban planning conflicts: the need of a more
sustainable way of planning.***3:10** Emilia A Kennedy*, Student, *Found In Translation:
Discourse, Hegemony and the Production of Meaning
in Planning Urban Sustainability.***3:30** Cristina Temenos*, Simon Fraser University, *Substantiating
Sustainability: Examining the role of sustainability in
municipal planning and governance.*

Discussant(s): Geoff Mann, Simon Fraser University

4403. Visitor Profiles in Tourism*Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Laura Prazeres, University of Ottawa

2:30 Mohammed T. Al-Yousef*, King Saud University, *A
comparative analysis of the profile characteristics of
visitors to summer festivals in Saudi Arabia.***2:50** Lee K Cerveny, Ph.D.*, Pacific Northwest Research
Station; Linda E Kruger, PhD, USDA Forest Service,
Pacific Northwest Research Station, Juneau, *"It's a
three-ship day!" How cruise ship visits alter local
constructions of time..***3:10** Helmut Wachowiak*, International University of Applied
Sciences Bad Honnef, *Tourist excursions by rental
cars: The case of German tourists on Majorca island.***3:30** Dan Knox*, University of Sunderland; James Johnson,
University of Sunderland, *Bodies on the Train:
Moving, Living, Being.***3:50** Laura Prazeres*, University of Ottawa, *Visitor Experiences
in Canada's Northern National Parks.***4404. What's Activist? The next generation talks praxis***Room: Exeter Room, Marriott, 3rd Floor (Panel Session)*ORGANIZER(S): Sara Koopman, University of British
Columbia; Jennifer Casolo

CHAIR(S): Sara Koopman, University of British Columbia

Panelists: Andrew David Burridge, University of Southern
California; Marion Traub-Werner, University of
Minnesota; Lisa Bhungalia, Syracuse University;
Jenna M. Loyd, Syracuse University; Stephanie Egan,
National University of Ireland; Trevor Paglen, U.C.
Berkeley**4405. New State Spatialities IV: Future Directions in State Spatiality***Room: Fairfield Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): John Harrison; Julie MacLeavy

CHAIR(S): John Harrison

2:30 Henry Wai-chung Yeung*, National University of
Singapore, *The Rise of East Asia and the Study of
International Political Economy: A Contradiction?.***2:50** Elaine Lynn-Ee Ho*, Royal Holloway University
of London, *Scaling citizenship governance: the
Singaporean state and overseas Singaporeans in
London.***3:10** Greig Charnock*, The University of Manchester,
*Challenging New State Spaces? The Open Marxism of
Henri Lefebvre.***3:30** Bob Jessop*, Lancaster University, *Theorizing Socio-
Spatial Relations: Some Implications for the
Investigation of State/Space.*

Discussant(s): Keith Woodward, University of Exeter

4406. Geographies of the secular public II (Sponsored by Political Geography Specialty Group, Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)*Room: Harvard Room, Marriott, 3rd Floor (Paper Session)*ORGANIZER(S): Nicolas Howe, University of California - Los
Angeles; Joshua Comaroff

CHAIR(S): Joshua Comaroff

Introducer: Joshua Comaroff

2:35 Nitzan Shoshan*, University of Chicago, *Making a Place
for the Secular (Ultra-)Nation in East Berlin.***2:55** Joshua Comaroff*, UCLA, *Making and unmaking the
secular public.***3:15** Edgar Wunder, Dr. *, Heidelberg University, *Is
secularization a self-limiting process? Some theoretical
considerations and empirical evidence based on spatial
disparities of religiosity.***3:35** Banu Gokariksel, Dr. *, University of North Carolina,
Chapel Hill, *Public space, the headscarf ban and
women's Islamist activism in Istanbul.*

Discussant(s): Faisal Devji, New School for Liberal Arts

4407. Worldwide Urban Population Change I (Sponsored by Urban Geography Specialty Group, Population Specialty Group, China Specialty Group)*Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)*ORGANIZER(S): Sabine Henning, United Nations; Kam Wing
Chan, University of Washington

CHAIR(S): Sabine Henning, United Nations

Introducer: Sabine Henning

2:33 Sabine Henning*, United Nations, *Worldwide Urban
Population Change: Our Future will be urban.***2:53** Richard L. Forstall*, Independent Scholar; Kam Wing
Chan, University of Washington, *Population Statistics
of Chinese Cities: Definitions and Comparisons.***3:13** Frank Swiaczny*, Federal Institute for Population Research,
Germany, *Spatial Impacts of Demographic Change in
Germany: Urban Population Processes Reconsidered.***3:33** Michael Ratcliffe*, U.S. Bureau Of the Census, *Population
Change in Urban Areas in the United States, Puerto
Rico, and the Island Areas: 1990-2006.*

Discussant(s): Richard L. Morrill, University Of Washington

4408. Geographies of Dissent and Repression II: Spaces of State Repression (Sponsored by Socialist and Critical Geography Specialty Group)*Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)*ORGANIZER(S): David Correia, University Of Maine,
Farmington; Bruce D'Arcus, Miami University Of
Ohio

CHAIR(S): David Correia, University Of Maine, Farmington

2:30 Mario Novelli*, University of Amsterdam, *Terrorising
Teachers: Geographies of Violence Against Educators
in Colombia.***2:50** Kevin S. Fox*, Ohio University, *"Go Back, You Didn't Say
May I" - Rabble Rousers and Free Speech Zones on
Ohio University's College Green.*

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3:10 Laura Jones*, Aberystwyth University, *Dissent from the 'Homeland': Campaigning with the 9/11 Truth Movement.*

3:30 Nathan L Clough, Ph.D. candidate*, University of Minnesota, *Spaces of Exception and Control: The Politics of Mobilizing Against the 2008 Republican National Convention.*

3:50 Dominic Corva, Ph.C.*, University of Washington, *Feminist Geopolitics and the Postcolonial Drug War Subject.*

4409. British Perspectives on Geography Education Research 3: Conceptualising young peoples' lived geographies, student voice' and their impact on curricula, teaching and learning.

Room: MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Roger Firth

CHAIR(S): Roger Firth

2:30 Graham Butt, Dr*, University of Birmingham, *Developing students' 'personal geographies' - is the personalisation of geography education always beneficial?.*

2:50 Mary Biddulph*, University of Nottingham, UK., *Articulating voice in Young Peoples' School Geographies: facilitating social agency..*

3:10 David Balderstone*, University of London, *What's the point of young people's geographies?.*

Discussant(s): Tracey Skelton, National University of Singapore

4410. Scale, Activism and Social Justice

Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Beth Rose Middleton

CHAIR(S): Beth Rose Middleton

2:30 Francisco Donez*, University of California - Berkeley; Catalina Garzon*, University of California-Berkeley, *The World in a Breath of Air: Scaling Up Environmental Justice Claims in Air Quality Activism.*

2:50 Juan Herrera*, UC Berkeley, *At the Day Labor Hiring Zone: The Cultural Politics of Immigrant "Illegality" and the Limits of Transnationality.*

3:10 Beth Rose Middleton*, UC Berkeley, *Seeking Spatial Representation: Reflections on Participatory GIS.*

3:30 Raoul Lievanos*, University of California, Davis; Jonathan K. London, Ph.D.*, UC Davis, *From the Body to the Basin, and Back Again: Scaling Science and Social Justice in the Field".*

Discussant(s): Sarah Elwood, University of Washington

4411. The Geography of Culture and Place

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jennifer L. Rahn, Samford University

2:30 Eugene Stevelberg, Dr.*, International School of Nice, *The Geometry of Geography: The Universality of Spatial Perception and Territorial Organization.*

2:35 Paul G. Marr*, Shippensburg University, *Demographic Characteristics on Colonial Pennsylvania Frontier.*

2:40 James Daniel Lowry*, University of New Orleans, *Perceptual New England.*

2:45 Elizabeth Edna Wangui*, Ohio University, *New Strategies for Recovery: HIV/AIDS, Livelihoods and Grandparent Caregivers in Nyando District, Kenya.*

2:50 Eugene Tettey-Fio*, SUNY-Binghamton; Katie Hoang, GeoEye, *The Ethnic Mix of Asian and other Minority Settlements in the Seattle Area and King County, Washington.*

2:55 Jacquelyn A Marchand*, University of New Orleans, *The Killing of a City: The Slow Death of New Orleans.*

3:00 Peter Klepeis*, Colgate University; Nicholas Gill, University of Wollongong, NSW; Laurie Chisholm, University of Wollongong, NSW, *Invasive Weeds and Amenity Landscapes in Rural Australia.*

3:05 Joby Bass*, University Of Southern Mississippi, *Radio Regions: the geography of radio station formats across the U.S..*

3:10 Erik Prout*, Texas A&M University, *The New Leisure: geographies of transcendental play..*

3:15 Dominic Anthony Abbenante*, Indiana State University; Jay D Gatrell, Dr., Indiana State University, *Constructing Place in Modern Drama.*

3:20 Henry W. Lawrence*, Edinboro Univ of Pennsylvania, *Place-portraiture: geographic photography and the representation of place..*

3:25 Jacqueline Gallagher, Ph.D.*, University of Mary Washington, *Development of Mobile GIS exercises for a field methods program.*

3:30 Jinnieth J Woodward*, Dickinson College; Julie Vastine, Dickinson College, *Student and Community Benefits of Community-based Learning.*

3:35 Jennifer L. Rahn, Ph.D.*, Samford University, *Geography Awareness and Thematic Seasonal Maps.*

4413. Author meets critics: Dick Peet's Geography of Power (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)

Room: Simmons Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Waquar Ahmed, Pennsylvania State University; Ipsita Chatterjee, Penn State University

CHAIR(S): Waquar Ahmed, Pennsylvania State University

Panelists: Richard Peet, Clark University; Eric S. Sheppard, University of Minnesota - Minneapolis; Erik Swyngedouw, University of Manchester; John R. Allen, The Open University; Gillian Hart, University of California, Berkeley; Lakshman Yapa, Pennsylvania State; Michael Storper, London School of Economics

4414. China: Urban industries and governance of cities (Sponsored by China Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Alana Boland, University of Toronto; George Lin, University of Hong Kong

CHAIR(S): Adrian Blackwell, University of Toronto

2:30 Chi Kin Leung*, California State University, Fresno, *Business Organization of Foreign Manufacturing Establishments in Shanghai.*

2:50 Sheng Zhong*, University of British Columbia, *The Formation of Creative Industry Clusters in Shanghai's Inner City: Going Beyond Western Theories.*

3:10 Jia Feng*, Nanjing's Informal Sector and the City Restrictions: A Case Study of Night Market Vendors..

3:30 Ke Zhou*, MRTPI, MHKIP, MAAG; Feiqiong Wu, *To Be or Not to Be - the Evolution of Urban Villages in China.*

3:50 Adrian W Blackwell*, University of Toronto, *Casting nets of urbanization: the dispersion of governance and cities in contemporary China.*

4415. Weather and Society*Integrated Studies (WAS*IS) III (Sponsored by Climate Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Carlie Lawson, Natural Hazards Consulting

CHAIR(S): Carlie Lawson, Natural Hazards Consulting

2:30 Christopher Uejio, MA*, Center for Sustainability

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and the Global Environment, Nelson Institute for Environmental Studies, University of Wisconsin-Madison; Ted Peters, Geneva Lake Environmental Agency; Jonathan Patz, MD, MPH, Center for Sustainability and the Global Environment, University of Wisconsin-Madison, *Spatial and Temporal Waterborne Disease Risk Variability and Trends*.

2:50 Dawn M Drake*, University of Tennessee, *Agriculture, Weather, and Economics: How Climate is Impacting the Cost of Your Milk*.

3:10 Kathleen A. Farley*, San Diego State University; Christina Tague, University of California, Santa Barbara; Gordon E. Grant, USDA Forest Service, Corvallis, Oregon, *Vulnerability of water supply from the Oregon Cascades to changing climate: linking science to users and policy*.

3:30 David A Call*, Ball State University, *An Assessment of How the National Weather Service Warns for Ice Storms*.

4416. Operating an Online Peer Reviewed Journal (Sponsored by Military Geography Specialty Group)

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Panel Session)
ORGANIZER(S): James S. Peet, University of Washington
CHAIR(S): James S. Peet, University of Washington
Panelists: Jay D. Gatrell, Indiana State University; William E. Doolittle, University of Texas

4418. A Conversation with Noam Chomsky (Sponsored by Association of American Geographers)

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Panel Session)
ORGANIZER(S): Douglas Richardson, AAG Executive Director
CHAIR(S): Douglas Richardson, AAG Executive Director
Panelists: Douglas Richardson, AAG Executive Director; Noam Chomsky

Session Description: Noam Chomsky, Institute Professor of Linguistics at the Massachusetts Institute of Technology, will engage in a conversational interview with AAG Executive Director Douglas Richardson. The interview will be followed by an opportunity for audience participation through a question and answer period.

Chomsky has written and lectured widely on linguistics, philosophy, intellectual history, contemporary issues, international affairs, and U.S. foreign policy. His work on the nature of human language and communication has profoundly transformed the field of linguistics, and greatly influenced science and philosophy more broadly. *New York Times Magazine* writer Daniel Yergin characterizes Chomsky's "formulation of 'transformational grammar' as one of the major achievements of the century. His work has been compared to the unraveling of the genetic code of the DNA molecule." The "Chomskyan Revolution," has also generated intellectual reverberations across many disciplines, including geography, anthropology, education, psychology, and genetics. Chomsky is also an impassioned critic of American foreign policy, and of corporate and governmental power. His now classic book on the role of intellectuals in American society, *American Power and the New Mandarins*, greatly influenced the debate on the Vietnam War, and continues to prompt examination of the complicity of intellectuals in implementing policies of entrenched power to this day. Chomsky is one of the most frequently cited scholars of all time and has received literally hundreds of prestigious scholarly awards, honors, prizes, fellowships, distinguished professorships, and honorary degrees.

4420. Politics of Affect: affective matter (Sponsored by Political Geography Specialty Group)

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Panel Session)
ORGANIZER(S): John-David C. Dewsbury, University Of Bristol; Emma Jane Roe

CHAIR(S): Nick Bingham, Open University

Introducer: Nick Bingham

Panelists: Jane Bennett, Johns Hopkins University; Sarah Whatmore, Oxford University; Emma Jane Roe; Nick Bingham, Open University

4421. Urban Geography: Neighborhoods and Place

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Fenne Pinkster, Universiteit Van Amsterdam

2:30 Rebecca Sian Edwards*, Regeneration Institute, Cardiff University, *The Loss of Public Space: The Impact of Rhetoric over Revanchism*.

2:50 Lily DeMiglio*, McMaster University; Allison Williams, PhD, McMaster University, *Sense of Place: The Case of Two Contrasting Neighborhoods in Hamilton, Ontario, Canada*.

3:10 John Milton*, Carleton University, Ottawa, Canada, *Village Identity in an Urban Complex: The Case of Manotick, Ontario*.

3:30 Norman Carter*, San Diego State University, *For sale or for rent? Why aren't lofts and condos selling in downtown Los Angeles?*.

3:50 Fenne M. Pinkster*, Universiteit Van Amsterdam, *Watch out for the neighborhood trap! A case study on residents' perceptions of neighborhood effects and parents' strategies to protect their children*.

4422. GIS and Cartography

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Poster Session)

ORGANIZER(S): Program Committee

Noe Saenz*, Texas A&M University - Kingsville; Jaehyung Yu, Texas A&M University - Kingsville; Shad D. Nelson, Texas A&M University - Kingsville, *GIS Based Traffic Demands Estimation for Hurricane Evacuation: A Case Study of Corpus Christi, TX*.

Elizabeth Fairley, M.A. *, University of Minnesota, *Regional Disparities in Educational Access in Tanzania: The Need for Improving Secondary Access*.

Matthew Conrad*, Cal. State Northridge, *Predictive Modeling of Prehistoric Archaeological Site Locations in the Angeles National Forest*.

Pamela M O'Brien*, Salem State College, *A Geographic Glimpse Into the Uterus of America*.

Jeffrey W Schmidt*, Michigan State University, *GIS and Tribal Government: Examining the Use of Geographic Information Systems by Federally Recognized Tribes in Michigan*.

Kenneth Robertson*, Central Michigan University, *African American Migration In The United States*.

Audrey Fusco*, University of Kansas; Joshua Meisel, Haskell Indian Nations University; Kalonie Hulbutta, Haskell Indian Nations University; RaeLynn Butler, Haskell Indian Nations University; Myron Shield, Haskell Indian Nations University; Vernon Dempsey, Haskell Indian Nations University; Lee Meisel, Haskell Indian Nations University, *Project-based GIS Learning at Haskell Indian Nations University*.

Donald J. Biddle, B.S., University of Louisville; Daniel Conn, University of Louisville; Kevin Devine, University of Louisville; Alvin Rentsch, University of Louisville; Megan Zoeller, University of Louisville; Clara A. Leuthart, Ph.D. *, University of Louisville, *A Hydrologic Analysis of the Floyds Fork Watershed using ESRI's ArcHydro Extension for ArcGIS*.

Scott G Damron*, Bridgewater State College, *Changes and Variability of Urban Sprawl: Implications for Local Climate Change*.

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- Jeremy Royal Dowden*, Northwest Missouri State University, *Effects of January 2007 Ice Storm on Missouri*.
- Jameson B Loesch*, University of Wisconsin - La Crosse; Kyle B Stolzenburg, University of Wisconsin - LaCrosse, *Modeling Sea Level Rise on the East Coast of the United States*.
- Jason N Watson, BS*, The Shaw Group, *Redstone Arsenal Installation Restoration Program and the Comprehensive Environmental Response, Compensation, and Liability Act*.
- Jessica L. Watmore*, Central Michigan University, *Relationship Between Land Use and Fire Risk in San Diego County, CA*.
- Asrah Heintzelman, Student*, Indiana University Purdue University at Indianapolis, *Disparity in Access to Food Retail Sources in Support of Obesity Research*.
- Judith A. Buchino, Ph.D.*, AMEC Earth & Environmental, *GIS Analysts in the Workplace: Putting Academic Achievement to Work*.
- Andrew John Cummings*, Clark University, *A GIS Analysis of Smart Growth Initiatives in Central Massachusetts Using Historical Land Use Data*.
- Augustine Avwunudiogba*, California State University Stanislaus; Paul F Hudson, University of Texas at Austin, *Spatial Modeling of Soil Erosion Response to Slash-and-Burn Cultivation in a Small Mountainous Watershed in Eastern Mexico*.
- Xiaojun Qin*, Louisiana State University, *A Social Vulnerability-Based Genetic Algorithm to Locate-Allocate Transit Bus Stops for Disaster Evacuation in New Orleans*.
- WENJIE SUN, Dr.*, Carthage College, *A GIS-based Integrated Approach to Explore Land-Use/Cover Change Dynamics in South-Central Indiana*.
- Nagaraj Kapil Kanala, Graduate Assistant*, Missouri State University; Jun Luo, Assistant Professor, Missouri State University, *Modeling land use change and urban growth in Springfield, Missouri*.
- Amanda Jolly*, Salem State College, *Childcare Facilities and High Traffic areas: Any Problems?*.
- Yunliang Meng*, Jacek Malczewski; Soheil Boroushaki, *Evaluating Usability of the Web-based Public Participation GIS for Multicriteria Site Selection Analysis: A Case Study in Canmore, Alberta*.
- Biricik Gozde Ozacar*, University of Arizona; Stephen R Yool; Cigdem Goksel; Michael E Bonine, *Effects Of Urbanization On Flood Hazard In Istanbul, Turkey*.
- Matthew Trousdale*, University of North Alabama Department of Geography, *Development Problems in Alabama's Black Belt: Can Geographic Information Systems be Part of the Solution?*.
- Maldonado Gabriela*, Ohio State University; Mei-Po Kwan, Ohio State University, *Spatial and Aspatial Accessibility to Breast Cancer Screening Centers in Chicago, Illinois*.
- Michael R. Brundin, PhD Candidate*, University of Western Ontario, *Using a Geographic Information System to Analyze Public Library Performance Measures: A Spatial Analysis of the 2004 Ontario Public Library Statistics*.
- Lesley N Patrick*, City University of New York, Graduate Center, *The Inequitable Distribution of Street Trees in Brooklyn: Who Gets the Trees and How do They Benefit?*.
- Megan Zoeller*, University of Louisville, *Identification of wetlands using ArcHydro and USGS Groundwater Data*.

- Kevin Devine*, University of Louisville, *Quantification of Peak Runoff in Mountaintop Removal Mining Watershed using ArcHydro*.
- Kamal Paudel*, Ryerson University; K. Wayne Forsythe, Ryerson University; Chris H. Marvin, Environment Canada, *Comparing Historical And Contemporary Zinc Contamination In Lake Ontario Sediments*.
- Brandon Cramer*, University of Connecticut; Alexander Vias, University of Connecticut; Jeffrey Osleeb, University of Connecticut; Peter Hayward, University of Connecticut, *Aspects of the Connecticut Health Disparities Geocoding Project*.
- Kristen Macaluso, MPH, University of Medicine and Dentistry of New Jersey, School of Public Health; Kevin A Henry, Ph.D*, New Jersey Department of Health, Cancer Epidemiology, *Association between area socioeconomic status and stage of bladder cancer at diagnosis: New Jersey, 1999-2004*.
- Mark DeVisser, Masters Student*, Center for Global Change and Earth Observations and the Department of Geography, Michigan State University; Dr. Joseph Messina, Associate Professor, Center for Global Change and Earth Observations and the Department of Geography, Michigan State University, *Evaluating the Performance of Public Land Use and Land Cover Data Sets Used for Modeling Tsetse Fly Habitat in Kenya*.
- Genevieve Munsey*, San Francisco State University, *Fog-drip contribution to stream discharge in coastal watershed: model using stable isotope analysis*.
- Eric Lindstrom*, National Geographic Society, *Tightening our belts at the National Geographic Map Archive*.

4423. Urban Know-How: Practice, Politics, and Performance I (Sponsored by Socialist and Critical Geography Specialty Group)

- Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)
- ORGANIZER(S): David Pinder, Queen Mary, University of London; Shiloh R. Krupar, University of California, Berkeley
- CHAIR(S): Shiloh R. Krupar, University of California, Berkeley
- 2:30 David Pinder*, Queen Mary, University of London, *Urban Detouring: Guides to Getting Lost and Found*.
- 2:50 Kanarinka D'Ignazio*, The Institute for Infinitely Small Things, *The Poetic Body in Social and Political Space*.
- 3:10 Orli Bass*, Human Sciences Research Council, *Routes of creolisation: performing African urban space*.
- 3:30 Heather E McLean*, York University, *The Politics of Creative Performance in Public Space: Towards a Critical Geography of Toronto Case Studies*.
- Discussant(s): Shiloh R. Krupar, University of California, Berkeley

4424. Teaching Geography

- Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Ann M. Legreid, University of Central Missouri
- 2:30 Marcy Allen*, Pennsylvania State University; Steven Herb, Pennsylvania State University, Pennsylvania Center for the Book; Carolyn Fish, Pennsylvania State University, *The Literary and Cultural Heritage Map of Pennsylvania*.
- 2:50 Masanao Takeyama*, Faculty of Economics, Keio University, *Geography of Locative Media*.
- 3:10 Guoping Huang*, Harvard University, Center for Geographic Analysis; Michael McCormick, Harvard University, Department of History, *Digitizing the Fall of Roman Empire*.

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3:30 Chris Mayda*, Eastern Michigan University, *Using video to break up classroom lectures.*

3:50 Ann M. Legreid*, University of Central Missouri, *Geography of the Past: Service Learning through Historic Case Studies.*

4425. Dendrochronology IV: North American Dendroecological Fieldweek (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State University; Christopher M. Gentry, Indiana State University

CHAIR(S): Saskia L. Van de Gevel

2:30 Christine Biermann*, University of Tennessee; C. M. Gentry, Indiana State University; J. H. Speer, Indiana State University; K. Cunningham; J. Gentry, University of Louisville; N. Hoalst-Pullen, Kennesaw State University; A. Koutavas, CUNY College of Staten Island; B. Parrish, University of West Georgia; D. Landrum, U.S. Forest Service; M. Larkins, GSMI at Tremont; A. Scaroni, Louisiana State University; D. J. Shalvey, West Liberty State College; H. Slick, University of West Florida; S. Trosper, University of Maine; J. Whitman, Boise State University, *Developing an Eastern Hemlock Chronology in Albright Grove, Great Smoky Mountains National Park.*

2:50 Saskia L. van de Gevel*, Laboratory of Tree-Ring Science, The University of Tennessee; Jodi Axelson, Canadian Forest Service; Daniel Griffin, University of Arkansas; Neil Pederson, Eastern Kentucky University; James Dyer, Ohio University; Kimberley Beal, University of Vermont; Heather Gamper, Florida State University; Mike Nesius, Florida State University; Sandhya Mohan, West Virginia University; Jess Riddle, National Park Service; Daniel Twedt, USGS Patuxant Wildlife Research Center; Lawrence Winship, Hampshire College; Claudette Bois, University of Northern British Columbia; Kate Hrinkevich, University of Northern British Columbia, *Stand Dynamics of Old-Growth Forests in the Great Smoky Mountains National Park, Tennessee, USA.*

3:10 Lisa B. LaForest*, University of Tennessee, Knoxville; Henri D. Grissino-Mayer, Ph.D., University of Tennessee, Knoxville; Charles W. Lafon, Ph.D., Texas A & M University; William Flatley, Texas A & M University; Peter M. Brown, Ph.D., Rocky Mountain Tree-Ring Research, *Fire history in old-growth pine-oak forest stands at Gold Mine Trail in the Great Smoky Mountains National Park, Tennessee.*

3:30 Henri D. Grissino-Mayer*, University of Tennessee; Lisa B. LaForest, University of Tennessee; William H. Brenton, Denver University; Peter W. Clark, Hampshire College; Susan G. Mortensen, University of Nevada-Reno; Mark D. Spond, University of Arkansas; A. Park Williams, University of California-Santa Barbara, *Influence of Winter Temperatures on Annual Growth of Conifers in Great Smoky Mountains National Park, Tennessee, USA.*

Discussant(s): Neil Pederson, Eastern Kentucky University

4426. 'Cool Asia': Transnational Influences of Asia's Cultural Exports (Sponsored by Economic Geography Specialty Group, Asian Geography Specialty Group)

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Yuko Aoyama, Clark University

CHAIR(S): Yuko Aoyama, Clark University

2:30 Mark Lorenzen*, Copenhagen Business School; Florian Arun Täube, Imperial College London, *Go West: The Globalization of Bollywood.*

2:50 Yong-Sook Lee*, Korea University, *Globalizing the Korean Film Industry: Competing Korean Film Festivals as a City-marketing Strategy.*

3:10 Patrik Ström*, Göteborg University; Mirko Ernkqvist, Göteborg University, *Internationalization of the East Asian online game companies.*

3:30 Jakob Nobuoka*, Uppsala University, *Akihabara: User innovation, consumption and media mix in Japanese.*
Discussant(s): Allen J. Scott, University of California - Los Angeles

4427. Spatial Data Mining and Exploratory Data Analysis (1) (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Jeremy Mennis, Temple University Department Of Geography and Urban Studies; Diansheng Guo, University of South Carolina

CHAIR(S): Jeremy Mennis, Temple University Department Of Geography and Urban Studies

2:30 Lisa Marie Jordan, Ph.D.*, Florida State University, *Who are the people in your neighborhood? A Pilot-Study of Resident-Defined Neighborhoods.*

2:50 Seth Spielman*, State Univ. of NY at Buffalo, *Data mining, simulation, and modeling the disaggregate effects of land use change.*

3:10 Danlin Yu*, Montclair State University; Andrew N. Peterson, Rutgers University; Robert J. Reid, Montclair State University, *Exploring the spatially varying relationships between tobacco outlet density and demographic factors.*

3:30 Budhendra Bhaduri*, Oak Ridge National Laboratory, *Geovisualization of the Invisible through Spatio-temporal Data Analysis and Fusion.*

3:50 Jeremy L Mennis*, Temple University; Joseph Jupin, Temple University; Zoran Obradovic, Temple University; Philip Harris, Temple University; Heidi Grunwald, Temple University; Brian Lockwood, Temple University; Alan Izenman, Temple University; Steven Muchmore, Temple University, *Characterizing Neighborhoods for Modeling Environmental Effects on Individual Behavioral Outcomes.*

4428. New Measures of Transportation System Performance.(1) (Sponsored by Urban Geography Specialty Group, Applied Geography Specialty Group, Transportation Geography Specialty Group)

Room: Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Barry Wellar, Wellar Consulting

CHAIR(S): Barry Wellar, Wellar Consulting

Introducer: Barry Wellar

2:35 G.J. (Pete) Fielding*, University Of California, Irvine, *Benchmarking Transportation Performance.*

2:55 Barry Wellar*, Wellar Consulting, *Design of High Occupancy Vehicle (HOV) and High Efficiency Vehicle (HEV) Standards to Achieve Sustainable Transport Best Practices.*

3:15 Michael Niedzielski*, Ohio State University, *Minimizing non-revenue trips in large scale bus transit operations.*
Discussant(s): Robert J. Czerniak, Nigel Waters, George Mason University

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4429. The Infosphere: can it be managed? (Sponsored by Communication Geography Specialty Group)*Room: Hyannis Room, Marriott, 4th Floor (Panel Session)*

ORGANIZER(S): Paul C. Adams, University of Texas at Austin
 CHAIR(S): Paul C. Adams, University of Texas at Austin
 Discussant(s): Philip E. Steinberg, Florida State University
 Panelists: Robert Kitchin, National University Of Ireland; Daniel Z. Sui, Texas A&M; Paul C. Adams, University of Texas at Austin

4430. Emerging Research in Biogeography (Sponsored by Biogeography Specialty Group)*Room: Orleans Room, Marriott, 4th Floor (Interactive Short Paper Session)*

ORGANIZER(S): Maria Caffrey, University of Tennessee; Erika K. Wise, University of Arizona

CHAIR(S): Maria Caffrey, University of Tennessee

2:30 Kristina Yamamoto*, University of Denver, *Comparing Nest Success of Green Turtles, Chelonia mydas, of Akyatan Beach, Turkey.*

2:35 John Jesse Minor*, University of Arizona, *Transitional Science in post-Socialist Environments: Range Ecology in Mongolia.*

2:40 Joy J. Wolf*, University of Wisconsin-Parkside; D Siemens, Black Hills State University, *Can non-native seeds resist fungal pathogens in native plant communities?.*

2:45 Susan W. Beatty*, University of Colorado, *Exotic species invasions and climate change.*

2:50 Sue M. Roussie*, University of Buffalo, *Integrating Sciences to Understand Coastal Ecosystem Resilience due to Extreme Events and Climate Change.*

2:55 Michael Pisaric*, Carleton University; Sonia St-Onge, Carleton University; Steve V. Kokelj, Water Resources Division, Indian and Northern Affairs Canada, *Using dendrochronology to examine the environmental impact of gold mining on forests in Yellowknife, NWT.*

3:00 Jason T Ortegren*, University of North Carolina, Greensboro, *Spatio-temporal patterns of historic drought in the Piedmont region of the southeastern U.S. inferred from tree-ring data.*

3:05 Troy A Knight*, University of Arizona; Erika K Wise, University of Arizona; Mathew A Dooley, Ph.D., University of Wisconsin-River Falls, *Mapping the oldest trees: spatial patterns of tree longevity in the American West.*

3:10 Rebecca Sara Franklin*, University of Arizona, *Roots in the Rocks: an Application of Herbchronology above Treeline at Barney Rock Glacier, Sierra Nevada, California, USA.*

3:15 Benjamin P Sedlak*, University of Denver, *Dendrochronology as an Indicator of Climate Variability in the Central Rockies of Colorado.*

3:20 John Sakulich*, University of Tennessee; Carol Harden, University of Tennessee; Henri Grissino-Mayer, University of Tennessee, *Assessing Slope Stability Using Annual Growth Rings in Hardwood Trees, House Mountain, Knox County, Tennessee, U.S.A..*

3:25 Alisa L. Hass*, University of Tennessee; Sally P. Horn, University of Tennessee, *Fire History from Sedimentary Charcoal in Gum Swamp, Great Smoky Mountains National Park, Tennessee.*

3:30 Jason E Graham*, University of Tennessee; Martin R Arford, Saginaw Valley State University; Sally P Horn, University of Tennessee, *Macroscopic Charcoal Analysis of Lake Sediments at a Site of Early Maize Cultivation in Costa Rica.*

3:35 Maria Caffrey*, University of Tennessee; Sally P. Horn, University of Tennessee; Kenneth H. Orvis, University of Tennessee, *A Late Holocene Charcoal Record from Laguna Saladilla, Dominican Republic.*

4431. The Death of Environmentalism? The Politics of Possibility? A Dialogue with Michael Shellenberger and Ted Nordhaus (Sponsored by Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group)*Room: Yarmouth Room, Marriott, 4th Floor (Panel Session)*

ORGANIZER(S): Jim Proctor, Lewis and Clark College

CHAIR(S): Jim Proctor, Lewis and Clark College

Panelists: Jim Proctor, Lewis and Clark College; Timothy W. Luke, Virginia Tech; Michael Shellenberger

4432. Global Commodity Chains, revisited (Sponsored by Economic Geography Specialty Group)*Room: Falmouth Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Frank Witlox, Ghent University; Ben Derudder, Ghent University

CHAIR(S): Celine Rozenblat, Universite De Lausanne

2:30 Heidi Hanssens, Ghent University; David Bassens*, Ghent University; Ben Derudder, Ghent University; Frank Witlox, Ghent University, *Paradigms for conceptualising commodity flows: a comparison of global commodity chains, global value chains and global production networks.*

2:50 Mark Graham*, University of Kentucky, *Disintermediation as Development in the Thai Silk Industry: the Internet and Reconfigured Commodity Chains.*

3:10 Sabine Dörny*, Goethe-University Frankfurt am Main, *Rethinking Value Chains in the Context of Institutions and Social Systems of Production.*

3:30 Teresa Barata-Salgueiro*, University of Lisbon; Maria José Aurindo, University of Lisbon, *Cities 'Networking'.*

3:50 Phillip Hough, Assistant Professor*, Florida Atlantic University, *Global Commodity Chains and the Spatial-Temporal Dimensions of Class: Lessons from the Case of Colombia.*

4434. Paleoclimate Reconstructions*Room: Maine Room, Marriott, 5th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Fuyuan Liang

2:30 Wendy A Woodland, B.Sc.(Hons), PhD*, University of the West of England, UK; Jennifer L Hill, B.Sc. (Hons), PhD, University of the West of England, UK, *Medieval Upland Settlement & Abandonment In South-west England: Investigating The Climatic Context.*

2:50 Aquila Flower*, University of Victoria Tree-Ring Laboratory; Dan Smith, University of Victoria Tree-Ring Laboratory, *A Dendroclimatic Reconstruction of Summer Temperature in the Northern Canadian Rocky Mountains.*

3:10 Aaron Potito*, National University of Ireland, Galway; Annette Overland, PhD, National University of Ireland, Galway; Michael O'Connell, National University of Ireland, Galway, *High-resolution temperature reconstruction of the '8200-year cold event' in western Ireland.*

3:30 Duncan Edward Cook*, University of Glasgow; Paul Bishop, University of Glasgow; Tony Fallick, Scottish Universities Environmental Research Centre; Rob Ellam, Scottish Universities Environmental Research Centre; Dan Penny, The University of Sydney, *Climate Change and the Ancient Khmer Empire: the Story from*

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High-Resolution Palaeoenvironmental Records in Cambodia.

- 3:50** Fuyuan Liang*, Department of Geography, University of Georgia, Athens, GA 30602; George A. Brook, Department of Geography, University of Georgia, Athens, GA 30602, *A Mid- to Late-Holocene High-Resolution Record of Environmental Change in the Southeastern USA from DeSoto Caverns, Alabama.*

4435. Shrimp to Flowers: Agri-Food and Floriculture Across the Hemispheres

Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bruce W. Smith

- 2:30** John R. Grimes*, Eastern Kentucky University, *Examining the Geographical Implications of the Certification Program for Domestic U.S. Shrimp.*

- 2:50** Sophia Skordili, Dr.*, Department of Geography, Harokopio University, *Wider global processes and the changing geography of agro-food production networks in Greece.*

- 3:10** Anouk Patel-Campillo*, Cornell University, *Rival Commodity Chains in World Markets: An Incorporated Comparison of the Dutch and Colombian Cut Flower Agro-industries.*

- 3:30** Neil Reid*, University of Toledo; Jay D. Gatrell, Indiana State University; Thomas Steiger, Indiana State University; Bruce W. Smith, Bowling Green State University; Michael C. Carroll, Bowling Green State University, *The cultural imperatives of cluster development: Identity, tradition, and flori(culture) in northwest Ohio.*

- 3:50** Bruce W. Smith*, Bowling Green State University; Neil Reid, University of Toledo; Michael C. Carroll, Bowling Green State University, *Linkages in a Cluster: A Social Network Analysis Perspective.*

4436. Development Geography and the Human Dimensions of Environmental Change I: Conceptual Connections (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Vermont Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Ed Carr, University of South Carolina; Brent McCusker, West Virginia University

CHAIR(S): Brian King, University of Texas at Austin

Panelists: Billie L. Turner, Clark University; Anthony J. Bebbington, University of Manchester; Ed Carr, University of South Carolina; Brian King, University of Texas at Austin; David L. Carr, UC Santa Barbara

4437. Women's Roundtable 3: Women's Experiences in Varied Academic Settings (Sponsored by Geographic Perspectives on Women Specialty Group, Enhancing Departments and Graduate Education project (EDGE), Committee on the Status of Women in Geography)

Room: Massachusetts Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Jennifer L. Mandel, University of Wisconsin - Platteville

CHAIR(S): Jennifer L. Mandel, University of Wisconsin - Platteville

Panelists: Ebru Ustundag, Brock University; Babette Audant, CUNY Graduate Center; Monica Varsanyi, Arizona State University; Maria Elisa Christie, Virginia Tech; Ellen R. Hansen, Emporia State; Jennifer L. Mandel, University of Wisconsin - Platteville

4438. New Stories for Old Places II: Politics of Place for Indigenous Geographies (Sponsored by Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Soren Larsen, University of Missouri; Jay T. Johnson, University of Nebraska

CHAIR(S): Jay T. Johnson, University of Nebraska

- 2:30** RDK Herman*, National Museum of the American Indian, *The National Museum of the American Indian: (Re)Constructing a Native Place.*

- 2:50** Charles Bartlett Travis*, Rowan University, *'Quaking Sod' Spaces of Alienation, Fear and Vertigo in Post-Colonial Ireland.*

- 3:10** Lance Howard*, Clemson University; Pamela Manning, *Independant Scholar, Toward an Modern-Indigenous Alliance on Place-Interaction.*

- 3:30** Charles A Lippstreu*, University of Nebraska-Lincoln, *Bolivia on New Terms: Indigenous Socialism and 'La Visión de País'.*

- 3:50** William Forbes*, Stephen F. Austin State University, *Restoration of Apache Landscape and Memory in Mexico's Sierra Madre Occidental.*

4439. Special Session to honor Manfred M Fischer's contributions to Geography: Spatial Analysis and Modeling. 1. (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Suchi Gopal, Boston University; Arthur Getis, San Diego State University

CHAIR(S): Arthur Getis, San Diego State University

- 2:30** Manfred M. Fischer*, Vienna University of Economics & Business Administration; Thomas Scherngell, Vienna University of Economics and Business Administration; Martin Reismann, Vienna University of Economics and Business Administration, *Productivity in manufacturing and interregional knowledge spillovers.*

- 2:50** Arthur Getis, Professor Emeritus, San Diego State University*, San Diego State University, *In Honor of Manfred M. Fischer.*

- 3:10** Luc Anselin*, Arizona State University; Myunghwa Hwang, Arizona State University, *Cyberinfrastructure for Spatial Statistical Analysis.*

- 3:30** Jean-Claude Thill*, University of North Carolina at Charlotte, *Self-organizing Maps and Space-time Structures in Urban and Regional Systems.*

Discussant(s): Harvey J. Miller, University of Utah

4440. Refuge in the City I: "Citizen-others" and Geographies of Citizenship (Sponsored by Ethnic Geography Specialty Group)

Room: St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): D. James McLean; Julie Young, York University

CHAIR(S): Julie Young, York University

- 2:30** Mike Bulthuis, PhD Candidate*, University of Ottawa, *Whose Refuge? Placing Youth in Narratives of Decline and Renewal.*

- 2:50** Robert Lidstone*, York University, *'Get Thee to a Global City?' Sexual Citizenship, Migration and Refugees in Toronto.*

- 3:10** D. James McLean*, York University, *City-Places and Muslim Identities: Second Generation Muslim Youth as 'Citizen-Other'.*

- 3:30** Tatiana Matejskova*, University of Minnesota, *Becoming Citizens in Berlin-Marzahn: /Integration /and (In)Visibility of Migrant Subjects.*

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4441. Current Status and Future of Fuzzy Sets and Systems in Geography (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: *St. George D, Westin, 3rd Floor* (Panel Session)
 ORGANIZER(S): Liem Tran, University of Tennessee at Knoxville; Ola Ahlqvist, The Ohio State University
 CHAIR(S): Ola Ahlqvist, The Ohio State University
 Introducer: Ola Ahlqvist
 Panelists: Robert Gilmore Pontius, Clark University; Suzana Dragicevic, Simon Fraser University; Peter Fisher, University of Leicester; A-Xing Zhu, Univ of Wisconsin; Liem Tran, University of Tennessee at Knoxville

4442. Susan Hanson's 45 years in geography II: Opening new horizons (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group)

Room: *Essex North-West, Westin, 3rd Floor* (Panel Session)
 ORGANIZER(S): Marianna Pavlovskaya, Hunter College
 CHAIR(S): Glen Elder, University of Vermont
 Panelists: Megan Blake, University of Sheffield; Elvin K. Wyly, University of British Columbia; Glen Elder, University of Vermont; Marianna Pavlovskaya, Hunter College; Michael P. Brown, University of Washington; Ann Oberhauser, West Virginia University; Winifred Curran, DePaul University; Melissa R. Gilbert, Temple University

4443. Advancing the Landsat Mission I (Sponsored by Remote Sensing Specialty Group)

Room: *Essex North-East, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Rachel Headley, United States Geological Survey
 CHAIR(S): Rachel Headley, United States Geological Survey
2:30 Curtis E Woodcock, Department of Geography and Environment, Boston University; *, *Using Landsat to write the history of the surface of Earth: A research agenda.*
2:50 Rachel Headley*, United States Geological Survey; Kristi Kline, USGS, *The Landsat Project: New Products, Activities, and No-Charge Data.*
3:10 Michael Headley*, USGS, *The Landsat Data Continuity Mission: Development Status and Product Plans.*
3:30 Jeffrey G Masek*, NASA GSFC; Rachel Headley, PhD, USGS EROS; Steven J Covington, USGS / The Aerospace Corporation, *The Global Land Survey 2005 Project.*
3:50 Bruce Quirk, Dr.*, United States Geological Survey, *The National Land Imaging Program.*

4444. Thinking Geography

Room: *Essex North-Center, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jen-Miau Lin, University of Iowa
2:30 Paloma Puente Lozano*, *Crisscrossing paths in contemporary debates on place.*
2:50 Karen Suzanne Kinslow, MA student*, University of Kentucky, *Explorations in Geographic Methodology: Thoughts on Getting Personal.*
3:10 Thomas Puleo*, UCLA, *The parasite analyzes, paralyzes, catalyzes.*
3:30 Konstantinos C. Koutsopoulos, Professor*, National Technical University Of Athens, *In Need for a New Geography Paradigm.*
3:50 Jen-Miau Lin*, University of Iowa, *Contradiction and Complexity: Reading Las Vegas with Walter Benjamin and Gilles Deleuze.*

4446. From GIS to Sustainable Development: GIS Challenges and Applications on Small Island Developing States (Sponsored by Coastal and Marine Specialty Group)

Room: *Parliament Room #1, Westin, 7th Floor* (Paper Session)
 ORGANIZER(S): Reed Perkins
 CHAIR(S): Reed Perkins
2:30 William J. Smith, Jr., Ph.D.*, University of Nevada, Las Vegas, *The impacts of geography, indigenous knowledge, and Western assumptions and technologies on participatory vulnerability research in least-wealthy Pacific Islands.*
2:50 Reed M. Perkins, Ph. D.*, Queens University of Charlotte; Wei-Ning Xiang, Ph. D., University of North Carolina - Charlotte, *Landfill Suitability Assessment on Yap, Federated States of Micronesia: A Step Towards Sustainable Development.*
3:10 Aaron E Smith, PLS MBA*, Knowledge Well Inc., *Linking Economic Development with Historic Preservation: A Case Study from Kosrae, Federated States of Micronesia.*

4447. Study Abroad I: Critical Perspectives on Service Learning and Development (Sponsored by Geography Education Specialty Group)

Room: *Empire Room #6, Westin, 7th Floor* (Panel Session)
 ORGANIZER(S): Suzanne Walther, University of Oregon; Clare Terni, University of Virginia
 CHAIR(S): Suzanne Walther, University of Oregon
 Discussant(s): Robert Swap, University of Virginia
 Panelists: Seth Appiah-Opoku, University Of Alabama; Michael L. Dorn, Temple University; Tina Mangieri, Texas A&M; Kimberly Medley, Miami University Ohio; William G. Moseley, Macalester College; Claudia A. Radel, Utah State University

4448. The aesthetics of tourist/travel landscapes and self-realisation (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: *North Star Room #10, Westin, 7th Floor* (Paper Session)
 ORGANIZER(S): Anne-Marie D'Hauteserre, University Of Waikato
 CHAIR(S): Anne-Marie D'Hauteserre, University Of Waikato
2:30 Daniel H. Olsen*, University Of Waterloo, *Temples, Tales and Templates: The Aestheticisation of Temple Square.*
2:50 Daniel C. Knudsen*, Indiana University; Michelle M. Metro-Roland, Indiana University, *Tourism and West European Landscape Aesthetics.*
3:10 Theano S. Terkenli*, University of the Aegean, *The encounter with Santorini: a geography of landscape seduction and enchantment.*
3:30 D'Arcy Dornan, M.A., Ph.D.*, Central Connecticut State University, *Virtual Travel and Tourism Geographies.*
3:50 Anne-Marie D'Hauteserre, Docteur-es-Lettres*, University Of Waikato, *Kanak tourism landscapes.*

4449. Climate History IV: Extreme Events (Sponsored by Climate Specialty Group, Paleoenvironmental Change Specialty Group)

Room: *Defender Room #5, Westin, 7th Floor* (Paper Session)
 ORGANIZER(S): David Nash; Cary J. Mock, University of South Carolina
 CHAIR(S): Dennis Wheeler
2:30 Clare Joanne Kelso, BA(Hons)*, University of Johannesburg, *Historical Climate and Livelihood Adaptation: Namaqualand 1800-1900.*
2:50 Michael A. Palecki*, Midwestern Regional Climate Center, *19th Century U.S. Daily Climate Observations and*

FRIDAY, APRIL 18**2:30 PM - 4:10 PM****4400***Extreme Events in Space and Time.*

- 3:10** Stephanie Fowler Dodds*, University of South Carolina, *Aeolian Activity in the Desert Region of North America during the Mid-19th Century.*
- 3:30** Raphael Neukom*, NCCR Climate and Institute of Geography University of Bern, Bern, Switzerland; Maria del Rosario Prieto, Unit of Environmental History, IANIGLA, Mendoza, Argentina; LOTRED-SA Consortium, Past Global Changes International Project Office, Bern, Switzerland, *Reconstructing southern South America's climate combining historical documents and natural archives (LOTRED-SA): The actual predictor network and its possibilities and limitations.*
- 3:50** Cary J. Mock*, University of South Carolina; Matthew D. Rodgers, University of South Carolina, *1849, The Most Famous Year of Extreme Weather in American History.*

4450. Spatial Analysis of Conflict I (Sponsored by Political Geography Specialty Group)*Room: Adams Room #2, Westin, 7th Floor (Paper Session)*

- ORGANIZER(S): Colin Flint, University of Illinois
CHAIR(S): Colin Flint, University of Illinois
- 2:30** John O'Loughlin*, University of Colorado; Frank Witmer, University of Colorado, *The political geography of the North Caucasian conflicts, 1999-2007: A spatial analysis.*
- 2:50** Sang hyun Chi*, University of Illinois at Urbana-Champaign, *U.S. Hegemony as a Position and a Role: A Social Network Approach to U.S. Relations in Asia-Pacific Countries..*
- 3:10** Clionadh Raleigh*, University of Essex, *Geography of Civil War in Central Africa: Uncovering Conflict Dynamics.*
- 3:30** Andrew M Linke*, University of Colorado, Boulder, *Instability, Identity and the Localized Political Geography of Violence in Somalia.*
- 3:50** Richard Medina*, University of Utah, *Use of Complexity Theory to Understand the Geographical Dynamics of Terrorist Networks.*

4451. Student Fieldwork in Cryospheric Studies (Sponsored by Cryosphere Specialty Group)*Room: Great Republic #7, Westin, 7th Floor (Paper Session)*

- ORGANIZER(S): Robert Hellstrom, Bridgewater State College
CHAIR(S): Robert Hellstrom, Bridgewater State College
Introducer: Robert Hellstrom
- 2:33** Karin Bumbaco*, The Ohio State University; Bryan Mark, The Ohio State University; Robert Hellstrom, Bridgewater State College, *Impact of Elevation and Terrain on Air Temperature and Vapor Flux in an Alpine Valley, Peru.*
- 2:49** Elias J. Deeb*, University of Utah; Richard R. Forster, Ph.D., University of Utah; Hans-Peter Marshall, Ph.D., University of Colorado at Boulder; Nick Rutter, Ph.D., University of Sheffield, *Ground-Based Radar Measurements of Northern Colorado Snowpack at CLPXII.*
- 3:05** Andrew G Klein*, Texas A&M University; Jennifer N Morris, Texas A&M University; Christopher P Graff, Texas A&M University; Joni L Kincaid, Texas A&M University, *Engaging Undergraduate Students in Remote Sensing Research by Monitoring the Retreat of Glaciers in the Tropics.*
- 3:21** Nikolay I Shiklomanov*, University of Delaware; Anna E Klene, University of Montana; Valerei I Grebenets, Moscow State University; Anna I Kurchatova, Tumen' Oil and Gas University; Irina D Streletskaya, Moscow

State University; Eva Marie Pfeiffer, Hamburg University, *IPY Permafrost Courses in Russia.*

- 3:37** Alice Orlich*, International Arctic Research Center - University of Alaska Fairbanks, *A Lesson in Groundtruthing the Arctic Sea Ice Limits of 2007: Comparing fieldwork and satellite datasets in G.I.S..*
- 3:53** Eric A Sproles*, Oregon State University; Travis Roth, Oregon State University; John Selker, Oregon State University; Anne Nolin, Oregon State University; Scott Tyler, University of Nevada, Reno, *Designing and Implementing a Fiber Optic Snow Fence to Measure Spatial and Temporal Flux in the Snow Pack.*

4455. Validation and Assessment Issues in Remote Sensing*Room: Beacon A, Sheraton, 3rd Floor (Paper Session)*

- ORGANIZER(S): Program Committee
CHAIR(S): Michaela Buenemann, University of Arizona
- 2:30** Seth Myers*, State University of New York College of Environmental Science and Forestry, Syracuse, NY; Myrna Hall, State University of New York College of Environmental Science and Forestry, Syracuse, NY; Mary Tyrrell, Yale School of Forestry and Environmental Studies, Global Institute for Sustainable Forestry, New Haven, CT, *A Comparison of Two Land Use Change Models in the Connecticut Highlands and the Application of a New Multi-Scale Validation Technique.*
- 2:50** Desheng Liu*, The Ohio State University; Ruiliang Pu, University of South Florida, *A Comparison of Physical and Statistical Approaches for Downscaling Thermal Radiance Using ASTER Data.*
- 3:10** Yuming Wen*, University of Guam; Shahram Khosrowpanah, University of Guam; Leroy Heitz, University of Guam, *Land Cover Classification Accuracy Assessment in Guam.*
- 3:30** Gregory N. Taff, PhD*, University of Memphis; Yang Shao, PhD, Environmental Protection Agency, *Improved Supervised Classification Accuracy with No Available Prior Information: an Easily Implemented Method.*
- 3:50** Michaela Buenemann*, University of Arizona, *Accuracy Assessment of Subpixel Land Cover Fraction Estimates Derived from Medium Spatial Resolution Satellite Imagery: An Approach for Dryland Ecosystems.*

4456. Hazards: Mapping and Risk Assessment Using GIS*Room: Beacon B, Sheraton, 3rd Floor (Paper Session)*

- ORGANIZER(S): Program Committee
CHAIR(S): Mahtab A. Lodhi, University of New Orleans
- 2:30** Ute J. Dymon, Dr. *, Kent State University, *Mapping for Emergency Planning: A 20th Century Phenomenon.*
- 2:50** Ute J. Dymon, Kent State University; Nancy L. Winter*, Independent Scholar, *Mapping of Hazards and Risks: An Historical Overview.*
- 3:10** Aaron Michael Bernard*, US Army Topographic Engineering Center; Kevin Johnson, US Army Corps of Engineers, Topographic Engineering Center; Joseph Watts, US Army Corps of Engineers, Topographic Engineering Center; Nathan Frantz, US Army Corps of Engineers, Topographic Engineering Center, *PREACT Disaster Response and Emergency Management System.*
- 3:30** Leonhard Blesius*, San Francisco State University; Frank Weirich, University of Iowa, *Remote Sensing based Geotechnical Landslide Susceptibility Mapping and the Influence of Root Cohesion: An Example from the Santa Monica Mountains.*

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- 3:50 Mahtab A. Lodhi*, Department of Geography, University of New Orleans, Louisiana, *Remote Sensing of Earthquake Induced Damage Assessment in Northern Pakistan..*

4457. Physal Process Modeling Involving Watersheds and Soils

Room: Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Zhi-Jun Liu, University of North Carolina at Greensboro

- 2:30 Tao Zhang*, Florida State University; Xiaojun Yang, Florida State University, *Distance and Nutrient Production: An Attenuating Impact from a Land Cover Patch.*

- 2:50 Yanli Zhang*, University of Northern Iowa; Ramanathan Sugumaran, University of Northern Iowa; Calvin Walter, Iowa Dept. of Natural Resources, *Development of a GIS Based Modified Universal Soil Loss Equation (MUSLE) Model to Evaluate Soil Erosion Risk.*

- 3:10 Nasser A Alsaaran*, King Saud University, *Evaluation of spatial interpolators for mapping available soil water capacity in Kharj area, central Saudi Arabia.*

- 3:30 Mario A Giraldo, PhD*, Kennesaw State University, *Fragmentation analysis of the Little River watershed Tifton, Georgia (USA) for remote sensing studies of soil moisture.*

- 3:50 Zhi-Jun Liu*, University of North Carolina at Greensboro, *Integrated Modular Modeling of Water and Nutrients from Point and Non-point Sources in the Patuxent River Watershed.*

4458. Regional Geography of North America

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wilfred E. Richard

- 2:30 Thomas Brasdefer*, Anthrogeography @ Louisiana State University, *Speaking of Scale...*

- 2:50 Tyrel G. Moore*, University of North Carolina - Charlotte; Jamie L. Strickland, Dept. of Geography & Earth Sciences, *Global Restructuring and Incentive-based Economic Redevelopment in North Carolina's Southern Piedmont.*

- 3:10 Kimi Nygaard, MS*, Student, *Welcome to Marlboro Country...Landscape Change in the Crazy Mountains, Montana.*

- 3:30 Duane Griffin, Ph.D.*, Bucknell University; Adrian N. Mulligan, Bucknell University, *The Devil's Atlas: Dystopic Toponymy of the Continental United States.*

- 3:50 Wilfred E. Richard, PhD & Research Collaborator*, Smithsonian, Museum of Natural History, Arctic Studies Center; William W. Fitzhugh, PhD & Director, Smithsonian, Museum of Natural History, Arctic Studies Center, *Basques in the Geopolitical Mix of the St. Lawrence Gateway.*

4459. Coastal Ecosystems and the Utility of Remote Sensing and GIS, East Coast U.S.A.

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Firooza Pavri, University Of Southern Maine

- 2:30 William Robertson*, Coastal Planning & Engineering; Keqi Zhang, Florida International University; Charles Finkl, Coastal Planning & Engineering; Dean Whitman, Florida International University, *Geographic Determination of Hydrogeodynamic Influence of Cross-Shore Sediment Transport along the South Florida Atlantic Coast.*

- 2:50 Robyn M. Byers*, Towson University/KCI Technologies, Inc., *Modeling Watershed Management: Using GIS to Assist in Creating a Watershed Management Plan.*

- 3:10 Laura Elizabeth Payton Rocchio, M.A.*, SSAI, *Landsat & the Chesapeake: Protecting Our Nation's Largest Estuary and Our Way of Life.*

- 3:30 Minh Kim*, Department of Geography, University of Georgia; Marguerite Madden, Department of Geography, University of Georgia; Douglas S Atkinson, Marine Extension Service, *Dieoff Vegetation Mapping using Object-based approach and Very High Spatial Resolution Aerial Photographs.*

- 3:50 Firooza Pavri*, University of Southern Maine; Vinton Valentine, University of Southern Maine, *Salt Marsh Plant Community and Habitat Mapping in coastal Massachusetts.*

4460. Development Issues in Africa

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Marilyn Silberfein, Temple University

- 2:30 Michael O. Sutcliffe*, EThekwini Municipality, *Towards A New Geography Of Development In South Africa: The Local Governance Of Nodes, Boundaries And Areas.*

- 2:50 Peter George Chirico*, United States Geological Survey, *From Conflict to Kimberley Process: The Geography of Central African Diamonds.*

- 3:10 Fenda A. Akiwumi*, University of South Florida, *World-System Linkages to Gendered Household Sustainability in Sierra Leone.*

- 3:30 Jacques Pollini, PhD*, Cornell University, *Locating the ecology in political ecology: the case of Madagascar.*

- 3:50 Marilyn Silberfein*, Temple University, *Ending Displacement in Post Conflict West Africa: Challenges and Prospects.*

4461. The Forest's Role in the Environment

Room: Beacon H, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jialing Wang, Slippery Rock University of Pennsylvania

- 2:30 Ronald E McRoberts, PhD*, U.S. Forest Service, *Forests on the Edge.*

- 2:50 Timothy D. Perry*, GeoSciences, Oregon State University; Julia A. Jones, GeoSciences, Oregon State University, *Do young forest plantations reduce summer streamflow? Results from up to 54 years of streamflow records in eight paired-watershed experiments in western Oregon..*

- 3:10 Jeremy M Smith*, University of Colorado; Juan Paritsis, University of Colorado; Thomas T. Veblen, University of Colorado, *Subalpine Tree Demography and Climatic Variation in the Colorado Front Range.*

- 3:30 Jialing Wang*, Slippery Rock University of Pennsylvania, *Changes of pine forest landscape pattern in relation to land ownership in North Florida and Southwest Georgia, USA.*

4462. Geographies of Inequality (Sponsored by Economic Geography Specialty Group, Population Specialty Group)

Room: Kent, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Virginia L. Parks, University of Chicago;

Jamie Goodwin-White, University of Sussex

CHAIR(S): Sebastian Breau, McGill University

- 2:30 Virginia L. Parks, PhD*, University of Chicago, *Uneven Inequality: Geographic Variation in Sources of Wage Inequality among Blacks and Immigrants.*

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- 2:50 Jamie Goodwin-White*, University of Sussex, *Inequality and Social Mobility in Emerging Immigrant Cities*.
- 3:10 Jurgen Essletzbichler*, University College London, *Urban policy: Equity or Efficiency*.
- 3:30 Brenda Parker*, University Of Illinois at Chicago, *Urban (Mis) Fortunes: Neoliberalism and Inequality in Milwaukee, Wisconsin*.
- Discussant(s): Amy Glasmeier, Pennsylvania State University

4463. Geographic Literacy and GIS Education (Sponsored by Geography Education Specialty Group)

- Room: Jefferson, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Rich Schultz, Elmhurst College; Lynn Songer
- CHAIR(S): Lynn Songer
- 2:30 Joseph J. Kerski, Ph.D.*, ESRI; Thomas R. Baker, Ph.D., ESRI, *An examination of teacher professional development with desktop GIS: The second national implementation survey*.
- 2:50 Lynn Songer, Ph.D.*, Lane Community College, *Web-Based GIS: A Catalyst for Motivation, Knowledge, and Skills*.
- 3:10 Jeannette Allen, Remote Sensing Education Specialist*, SSAI at NASA Goddard Space Flight Center; Osa E. Brand*, National Council for Geographic Education, *Integrated Geospatial Education and Technology Training (iGETT)*.
- 3:30 Michelle Kinzel*, Department of Geosciences, Oregon State University; Dawn J Wright, PhD, Department of Geosciences, Oregon State University, *Using Geovisualizations in the Curriculum: Does Multimedia Enhance Geographic Education?*.

4464. Designing Urbanism I: Theming the City

- Room: Exeter, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Ludger Basten; Birgit S. Neuer, University of Cologne
- CHAIR(S): Ulrike Gerhard, University of Wuerzburg
- 2:30 Hellmut Leonard Fröhlich*, RWTH Aachen Cultural Geography, *Living in Cineastic Spaces - the relation of film, urban development, and media reception in Park Slope and the Potsdamer Platz*.
- 2:50 Heiko Schmid*, University of Heidelberg, *Economy of Fascination: Dubai and Las Vegas as examples of themed urban landscapes*.
- 3:10 Lachlan Barber, MA*, Saint Mary's University, *Constructing Built Heritage: the Politics of Redevelopment in Halifax, NS*.
- 3:30 Gerhard Hatz*, Department of Geograph and Regional Research, University of Vienna, *Themapark "Historic City Center of Vienna"*.
- 3:50 Florian Urban*, Center for Metropolitan Studies/ Berlin Technical University, *Global Tower Blocks - Highrise Housing in Chicago, Berlin, Moscow, and Shanghai*.

4465. Ethnicity and Gender

- Room: Berkeley, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Rosa Cerarols
- 2:30 Joni Virkkunen*, Karelian Institute, University of Joensuu, *Prostitution, Minority, and the Border: Ethnosexual Abjections of Post-Soviet Estonian Nationalism*.
- 2:50 Rosa Cerarols, PhD Student*, Universitat Autònoma de Barcelona; Maria Dolors Garcia-Ramon, Full Professor, Universitat Autònoma de Barcelona, *Spanish Women's travel narratives in colonial Morocco: Reconsidering their imagined geographies*.

- 3:10 Leslie Kim Wang*, UC Berkeley; Iris Chin Ponte, Tufts University; Serena Fan, Tufts University, *Returning to China: Understanding the Experience of Chinese Adopted Children*.

4466. Animal Geographies: Subjectivities and Methodologies (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

- Room: Hampton A, Sheraton, 3rd Floor (Panel Session)
- ORGANIZER(S): Julie Urbanik, Westfield State College
- CHAIR(S): William S. Lynn, Tufts University
- Introducer: Julie Urbanik
- Panelists: Kristin L. Stewart, FSU; Jennifer Blecha, San Francisco State University; Jacque L. Emel, Clark University; David Lulka, San Diego State University; Jennifer R. Wolch, University of Southern California; William S. Lynn, Tufts University

4467. Emerging Computational Techniques and Technologies in GeoComputation (Sponsored by Geographic Information Science and Systems Specialty Group)

- Room: Hampton B, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Sanjay Rana, University College London
- CHAIR(S): Sanjay Rana, University College London
- 2:30 Melissa Rura*, University of Texas At Dallas, *Spatial Filtering for ArcGis*.
- 2:50 Naresh Kumar*, University of Iowa, *3-D Search for Spatial-Temporal Autoregressive Models*.
- 3:10 Xun Shi*, Dartmouth College; Jennifer A. Alford-Teaster, Dartmouth College, *A GeoComputational Analysis of the Spatial Association between Lung Cancer Incidence and Household Radon Concentration in New Hampshire*.
- 3:30 Sanjay Rana*, University College London, *Monitoring Health Epidemics in Real-Time*.

4472. New Spaces and New Governance? Challenges for Central and Eastern Europe (Sponsored by Russian, Central Eurasian, and East European Specialty Group, European Specialty Group, Political Geography Specialty Group)

- Room: Dalton, Sheraton, 3rd Floor (Paper Session)
- ORGANIZER(S): Corey Johnson, University of Oregon; Francis Harvey, University of Minnesota - Minneapolis
- CHAIR(S): Corey Johnson, University of Oregon
- 2:30 Christian Sellar*, University of North Carolina-Chapel Hill, *New Spaces, New Governance, New Interfaces. The Case of Italian Banks and Business Services in Eastern Europe*.
- 2:45 Francis Harvey*, University of Minnesota - Minneapolis, *Polish Cadastres: Developing new spaces of governance*.
- 3:00 Jerzy Banski*, Professor, *Central-Eastern Europe or just Europe - the view from Poland*.
- 3:15 Alexander B. Murphy*, University of Oregon, *Territoriality, Scale, and the Multi-Level Governance Debate in Europe*.
- Discussant(s): Carl T. Dahlman, Miami University

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4:40 PM - 6:20 PM**4502. Soils as Text in Environmental Change, Paleoenvironments, and Ancient Cultures (Sponsored by Geomorphology Specialty Group, Cryosphere Specialty Group, Paleoenvironmental Change Specialty Group)***Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Gregory A. Pope, Montclair State University

CHAIR(S): Gregory A. Pope, Montclair State University

Introducer: Gregory A. Pope

4:45 Dmitry A. Streletskiy*, University Of Delaware; Nikolay I. Shiklomanov, University of Delaware; Fritz E Nelson, University of Delaware; Anna E. Klene, University of Montana, *Long-term Active Layer and Ground Surface Temperature Trends: 13 years of observations at Alaskan CALM sites.*

5:05 James H. Mayer*, University of Arizona; Richard G. Reider, Professor Emeritus, University of Wyoming, *Soil-geomorphic evidence for Holocene landscape evolution and environmental change in Middle Park, Colorado.*

5:25 J. Michael Daniels*, University of Denver; Michael M. Benedetti, University of North Carolina at Wilmington; Jonathan A. Haws, University of Louisville; Caroline Funk, Stockton College, *Soil-geomorphic relationships in coastal Estremadura, Portugal: implications for paleoenvironmental reconstruction and archaeological survey.*

5:45 Dorothy E. Freidel, PhD*, Sonoma State University; John Jones, PhD, Washington State University; Eugenia Robinson, PhD, Montgomery College, *Laguna, Rock Shelter, and Settlement Site: evidence of past climate and volcanism in the Antigua Valley, Guatemala.*

Discussant(s): Timothy Beach, Georgetown University

4503. Western Europe: Development Issues*Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Shaul E. Cohen, University of Oregon

4:40 Arnold A Horner, Dr*, University College Dublin, *Time-space implications of rail infrastructure investment in Europe - with particular reference to Iberia.*

5:00 Liza Griffin*, University Of Westminster; Liza Griffin, University of Westminster, *Good Governance, Scale & Power in the European Union: a case study of North Sea Fisheries.*

5:20 Sean M McDonald, Ph.D.*, Bentley College; Alastair H McPherson, Ph.D., Scottish Enterprise, *Restructuring of ICT Manufacturing in Scotland: Implications for a Knowledge Economy.*

5:40 John McDonagh*, National University Of Ireland, Galway, *Rural transport, exclusion and the role of communities - emerging challenges in rural Ireland.*

6:00 Shaul E. Cohen*, University of Oregon, *Territory, Taboos and Transgressions: Space and Place in a New Northern Ireland.*

4504. The Friendly Skies and the Earth Below*Room: Exeter Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): David Brockway, Oklahoma State University

4:40 Keiron Bailey*, Department of Geography and Regional Development, University of Arizona, *"Double Anchorage, Double Newark" and the "Denpasar Turn": ethnographic reflections on an actor-network investigation of the geographies of mileage runners.*

5:00 Daniel Ligeralde Mabazza*, University of the Philippines, *Using Graph-Theoretic Measures in Analyzing Australian, East Asian, and Southeast Asian Airline Networks.*

5:20 Montserrat Pallares-Barbera, Ph.D*, Universitat Autònoma Barcelona; Pere Suau Sánchez, Universitat Autònoma de Barcelona, *Airport capacity and noise disruptions: a land-use planning approach.*

5:40 David A. Brockway, Ph.D.*, Oklahoma State University, *The Impact of a General Aviation Airport on Surrounding Land Use Patterns: Richard Lloyd Jones Jr. Airport.*

4505. The first year: an overview and description of the iGETT project. (Sponsored by Community College Affinity Group)*Room: Fairfield Room, Marriott, 3rd Floor (Panel Session)*

ORGANIZER(S): Kerry Lyste, Everett Community College;

Diana Casey, Muskegon Community College

CHAIR(S): Kerry Lyste, Everett Community College

Introducer: Osa E. Brand

Discussant(s): Kerry Lyste, Everett Community College; Diana Casey, Muskegon Community College

Panelists: Jeannette Allen, SSAI at NASA Goddard Space Flight Center; Laura Rocchio, SSAI; Ann Johnson, ESRI

4506. Nature and Culture in the Salt Marsh: Interdisciplinary Approaches to Understanding A Dynamic Environment (Sponsored by Historical Geography Specialty Group)*Room: Harvard Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Kimberly R. Sebold, University Of Maine at Presque Isle; Matthew Hatvany, Université Laval

CHAIR(S): Kimberly R. Sebold, University Of Maine at Presque Isle

4:40 Kimberly R. Sebold, Ph.D.*, University Of Maine at Presque Isle, *Transforming the Salt-Marsh Landscape: A Geographic, Economic and Cultural Comparision.*

4:55 Dave J. Grettler, Ph.D.*, Northern State University, *Politicizing Marshes: Partisan Politics and the Rhetoric of Marsh Improvement in Federalist Delaware.*

5:10 Christopher F. Meindl*, University of South Florida, St. Petersburg, *We love other folks' wetlands.*

5:25 Matthew G Hatvany, Phd*, Géographie, Université Laval; Michelle Garneau, PhD, Géographie, Université du Québec à Montréal, *And Nobody Came Back & Environmental Claims Makers, Salt Marsh Diking, and Sea Level Rise in the St. Lawrence Estuary.*

5:40 Robert Summerby-Murray*, Mount Allison University, *Mapping the Marsh: using the cartographic record to interpret the dynamics of the late nineteenth century agricultural economy.*

Discussant(s): Paul B. Frederic, University of Maine at Farmington

4507. Worldwide Urban Population Change II (Sponsored by Urban Geography Specialty Group, Population Specialty Group, China Specialty Group)*Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)*

ORGANIZER(S): Sabine Henning, United Nations; Kam Wing Chan, University of Washington

CHAIR(S): Sabine Henning, United Nations

Introducer: Sabine Henning

4:43 Valentina Mara, Research Associate*, CIESIN, Columbia University; Deborah Balk, Associate Professor, Baruch School of Public Affairs & Graduate Center, *Global patterns of urbanization vis-à-vis ecosystems.*

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5:03 Karen C. Seto, PhD*, Stanford University, *The Urban Transformation of Earth's Surface: Examples from Rapidly Developing Cities.*

5:23 Peter J. Marcotullio, Ph.D.*, Hunter College, CUNY, *Globalization and urban development in the Asia Pacific region.*

5:43 Denise Pumain*, University Paris I; Jean-Marc Favaro, University Paris I, *Urban hierarchies explained by a spatial interaction model including innovation cycles.*

Discussant(s): Joshua Comenetz, U.S. Census Bureau

4508. How many Chinese in a Chinatown?: Reports from Empirical Research on Overseas Chinese Settlement (Sponsored by Cultural Geography Specialty Group, Ethnic Geography Specialty Group, Asian Geography Specialty Group)

Room: Northeastern Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Megan Dixon, University of Oregon

CHAIR(S): Yu Zhou, Vassar College

Panelists: Megan Dixon, University of Oregon; Sin Yih Teo, University of British Columbia; Serene Tan, York University; Deborah L. Che, Kansas State University; Pierpaolo Mudu, Universita Di Roma; Giulio Lucchini, Paris 10

4509. British Perspectives on Geography Education Research 4: The preparation and professional development of geography teachers in Britain and the United States: do we face similar challenges?

Room: MIT Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Graham Butt, University of Birmingham

CHAIR(S): Michael N. Solem, Association of American Geographers

Discussant(s): Richard G. Boehm, Texas State University; Tracey Skelton, National University of Singapore

Panelists: Phil Gersmehl, New York Center for Geographic Learning; Clare Brooks, Institute of Education; Graham Butt, University of Birmingham; David Lambert; Roger M. Downs, Pennsylvania State University; Gwenda H. Rice, Western Oregon University

4510. Political Geography Specialty Group Current Topics Roundtable: International Security and Climate Change (Sponsored by Political Geography Specialty Group)

Room: Suffolk Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Jonathan Leib, Florida State; Erinn Patrick Nicley, University of Illinois

CHAIR(S): Lee R. Schwartz, U.S. Department of State

Panelists: Heather Nicol, Trent University; Shannon O'Lear, University Of Kansas Geography Department; Clionadh Raleigh; Marilyn Raphael, University of California; Philip E. Steinberg, Florida State University

4511. Environmental Impacts of ENSO (Sponsored by Climate Specialty Group)

Room: Wellesley Room, Marriott, 3rd Floor (Illustrated Paper Session)

ORGANIZER(S): Michael Harrison, University Of Richmond; Matt Zorn, Carthage College

CHAIR(S): Matt Zorn, Carthage College

4:40 Michael Harrison*, University Of Richmond, *The Role of ENSO in Outward Human Migration from Easter Island (Rapa Nui).*

4:45 Kathleen Valimont Schreiber, Ph.D.*, Millersville University, *ENSO Impacts on Giant Kelp Communities in the Eastern Pacific Ocean.*

4:50 Kent M. McGregor*, University of North Texas, *Impact of ENSO on Precipitation and Stream Flow in the*

Southwest U.S..

4:55 Matt Zorn*, Carthage College, *Discerning Temporal Patterns of Climatic Variability in Monthly Water Levels of the Great Lakes.*

4512. Relations, affinities, attachments: Keith Thomas' Man and the Natural World, 25 years on (Sponsored by Cultural Geography Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Carl Griffin, Queen's University

CHAIR(S): Carl Griffin, Queen's University

4:40 Joyce Davidson*, Queen's University; Mick Smith, Queen's University, *'Autism made social life hard, but it made animals easy': Autistic autobiographies and more-than-human emotional geographies.*

5:00 Carl J Griffin*, Queen's University, *The Bestial and the Beastly: Zoophilia and Animal Maiming.*

4513. Radical Geography 40 Years On: 1

Room: Simmons Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Kate Driscoll Derickson; Stijn Oosterlynck, Katholieke Universiteit Leuven

CHAIR(S): Sandra Brown

Introducer: Matthew Mitchelson

Panelists: Geoff Mann, Simon Fraser University; Erik Swyngedouw, University of Manchester; Ipsita Chatterjee, Penn State University; Salvatore Engel-DiMauro, SUNY New Paltz; Neil Smith, City University Of New York; Lucy Jarosz, University of Washington; Katharyne Mitchell

4514. Studies of Western China (Sponsored by China Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Gregory Veeck, Western Michigan University; Stanley Toops, Miami University

CHAIR(S): Gregory Veeck, Western Michigan University

4:40 Stanley Toops*, Miami University, *Cultural Landscape of the Uyghurs.*

5:00 Qian Guo*, San Francisco State, *Frontier Outpost and Settlement Bastion: Assessing the Impact of Xinjiang Production and Construction Corps on Chinese Central Asian Colonization.*

5:20 C P. Lo*, University of Georgia; George N. Sharik, University of Georgia, *Impacts of Economic Reforms and "Go-West" Strategy on China's Minority Regions.*

5:40 Piper Gaubatz*, University Of Massachusetts, *Regional Economies and Urban Design in China: Secondary Globalization and the Journey to the West.*

6:00 Gregory Veeck*, Western Michigan University; Fawen Yu, Rural Development Institute, Chinese Academy of Social Sciences; Haipeng Zhang, Rural Development Institute, Chinese Academy of Social Sciences; Zhou Li, Rural Development Institute, Chinese Academy of Social Sciences, *Market Economics and Management Options for Herding Households in Damao Banner, Inner Mongolia, China.*

4515. Patterns in Landuse

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Elizabeth A. Wentz, Arizona State University

4:40 Shanon Donnelly*, University of Akron, *Relationship between complexity of land-use management and land-cover outcomes on private parcels in the Monroe County, Indiana.*

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5:00 Daejong Kim*, State University of New York at Buffalo,
A new monitoring method on land use change for sustainable land development.

5:20 In-Young Yeo*, University of Maryland, *Land Patterns, Physical Indicators, and Stormwater Runoff Control - Lessons from the Integrated Hydrological Land Use Optimization (IHLUO) Model.*

5:40 Elizabeth A. Wentz*, Arizona State University, *Geographic pattern analysis: an exploration of applied, methodological, and theoretical problems.*

4516. The Geopolitics of American Empire (Sponsored by Military Geography Specialty Group)

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Panel Session)
ORGANIZER(S): Joseph P. Hupy; Steven Oluic, USMA
CHAIR(S): Joseph P. Hupy
Panelists: Joseph P. Hupy; Steven Oluic, USMA; James A. Tyner, Kent State University

4523. Urban Know-How: Practice, Politics, and Performance II (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): David Pinder, Queen Mary, University of London; Shiloh R. Krupar, University of California, Berkeley

CHAIR(S): David Pinder, Queen Mary, University of London

4:40 Shiloh R. Krupar, Dr.*, University of California, Berkeley,
Performing Toxicity: Nuclear Play and the Fallout of Nature Spectacle.

5:00 Cathryn Merla Watson, doctoral student, American Studies*, University of Minnesota, TC; Cathryn Merla Watson, doctoral student, American Studies, University of Minnesota, TC, *Project MASA: Rendering a Third Space in San Antonio, Texas.*

5:20 Javier Arbona, MS*, UC Berkeley, *Public Space and Biking Rights: A Historical Geography of Critical Mass in San Francisco.*

5:40 Caleb Johnston*, University of British Columbia, *Playing For Social Justice.*

Discussant(s): David Pinder, Queen Mary, University of London

4524. European Urban and Regional Studies Lecture (Sponsored by Economic Geography Specialty Group)

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Ray Hudson, Durham University
CHAIR(S): Ray Hudson, Durham University
2:30 Neil Brenner*, New York University, *Is there a neoliberalization of spatial policy in Europe: rethinking the variegations of European capitalism?'*

4525. Cultural economies of space design

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): James Faulconbridge, Lancaster University; Donald McNeill, University of Western Sydney
CHAIR(S): James Faulconbridge, Lancaster University
Introducer: James Faulconbridge
5:00 Meric S. Gertler*, University of Toronto; Katherine Geddie, University of Toronto, *Architectural Knowledge: Reflexive Dynamics Between Place and Design.*
5:20 Donald McNeill*, University of Western Sydney; Kim McNamara, University of Western Sydney, *The life and death of great hotels: modernity, disrepair and demolition in Sydney's 'The Australia'.*

5:40 Louise Crewe, prof*, University Of Nottingham, SCHO,
The architecture of fashion: buildings and bodies as a new syntax of the city.

Discussant(s): Andrew Wood, University of Kentucky

4526. The First Amendment: Critical Geographies

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Panel Session)
ORGANIZER(S): Reecia Orzeck, University of Vermont; Laam Hae, York University
CHAIR(S): Laam Hae, York University
Panelists: Laam Hae, York University; Clayton Rosati, Bowling Green State University; Paul A. Passavant, Hobart and William Smith Colleges; Karen M. Morin, Bucknell University; Christopher City, Clark University; Reecia Orzeck, University of Vermont; Mary E. Curran, Eastern Connecticut State University; Sarah Marusek

4527. Spatial Data Mining and Exploratory Data Analysis (2) (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Diansheng Guo, University of South Carolina; Jeremy Mennis, Temple University Department Of Geography and Urban Studies

CHAIR(S): Diansheng Guo, University of South Carolina

4:40 Jin Chen*, Geography Department, Pennsylvania State University, *An Approach to Couple Visualization and Statistics Methods for Spatial, Multivariate Data Analysis.*

5:00 Anthony C. Robinson*, The Pennsylvania State University, *Synthesizing Information from Geovisualization.*

5:20 Haojie Zhu*, Arizona State University; Atsushi Nara, Arizona State University; Scott Brown, Arizona State University; Paul Torrens, Arizona State University, *An OpenGL Visualization and Analysis Framework for Time Geography.*

5:40 Atsushi Nara*, Arizona State University; Paul M Torrens, Ph.D, Arizona State University, *A space-time toolkit for mining movement behavior in geosimulation.*

6:00 Diansheng Guo*, University of South Carolina, *Introducing a software tool for regionalization and visualization.*

4528. New Measures of Transportation System Performance.(2) (Sponsored by Urban Geography Specialty Group, Applied Geography Specialty Group, Transportation Geography Specialty Group)

Room: Provincetown Room, Marriott, 4th Floor (Paper Session)
ORGANIZER(S): Barry Wellar, Wellar Consulting
CHAIR(S): Robert J. Czerniak
Introducer: Robert J. Czerniak
4:45 Lalita Sen*, Texas Southern Univ, *Measures of Transportation System Performance: How Travel Choices May be Viewed and Measured for Travel from Local to the Global Level.*

5:05 Christopher A Fullerton, Ph.D.*, Brock University, *The "Public Transit Commuter Accessibility Audit".*

5:25 Steven K. Peterson*, Oak Ridge National Laboratory; Richard L. Church, Department of Geography, University of California, Santa Barbara, *A Framework for Modeling Rail Transport Vulnerability.*

Discussant(s): Barry Wellar, Wellar Consulting

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4529. Subdividing nature: The political ecology of governing rural land-use change in the U.S. (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Patrick T. Hurley, College of Charleston;

Hannah Gosnell, Oregon State University

CHAIR(S): Paul Robbins, University of Arizona

4:40 Paul Robbins*, University of Arizona; Stephen Martin, University of Arizona, *Closing the barn door after the horses have fled: Planning in the New West.*

5:00 Randall K. Wilson*, Gettysburg College; Thomas W. Crawford, East Carolina University; Alexandra Bigler, Gettysburg College, *Whither the New East? Comparing rural change in southern Pennsylvania and southwestern Colorado.*

5:20 Michael Finewood*, University of South Carolina, *Balancing Bluffton: Negotiating Development and Environmental Protection in Southern Beaufort County, SC.*

5:40 Patrick T. Hurley*, College of Charleston, *Unraveling sustainabilities? A political ecology of changing land use in greater Mt. Pleasant, South Carolina, USA.*

6:00 Hannah Gosnell*, Oregon State University, *Devolution Revolution? Characterizing New Approaches to Environmental Governance in the Rural American West.*

4530. Species Distribution Modeling Roundtable Discussion (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group)

Room: Orleans Room, Marriott, 4th Floor (Interactive Short Paper Session)

ORGANIZER(S): Jennifer A. Miller, University of Texas at Austin

CHAIR(S): Jennifer A. Miller, University of Texas at Austin

4:40 Jennifer A. Miller*, University of Texas at Austin, *Using artificial data to explore the effects of spatial structure, sampling strategy, and spatial statistical methods on species distribution models.*

4:45 Florencia Sangermano*, Clark University - Graduate School of Geography; J. Ronald Eastman, Clark University - Graduate School of Geography, *Species Distribution Modeling from Polygon Data: A Procedure for the Re-definition of Species Range Polygons.*

4:50 Ashley Curtis*, Clark University; John Rogan, Clark University; Jennifer A. Miller, The University of Texas at Austin, *Evaluating the effects of pseudo-absences and modeling approaches on animal species distributions.*

4:55 Li Li*, Department of Political Science and Geography, Old Dominion University; Ling Bian, Department of Geography, State University of New York at Buffalo; Guiyun Yan, College of Health Sciences, University of California, Irvine, *An Integrated Approach to Modeling the Distribution of Mosquito Larval Habitats in the Kenya Highlands.*

5:00 Holly A. Porter Morgan, Ph.D.*, The New York Botanical Garden and Lehman College, The City University of New York, *The Use of Species Distribution Modeling in Non-Timber Forest Product Research: Chamaedorea Palms as a Case Study.*

5:05 Alessandra Falcucci, PhD*, University of Rome; Luigi Maiorano, PhD, University of Rome; Paolo Ciucci, PhD, University of Rome; Luigi Boitani, Prof., University of Rome, *Integration of approaches to model the geographic range of an expanding species:*

the case of the Italian wolf.

5:10 Ana Paula Giorgi, UCLA*, University of California Los Angeles; Thomas Gillespie, UCLA, University of California Los Angeles, *Using Species Distribution Modeling to understand Tropical Birds Metapopulation Dynamics in the Atlantic Forest of Brazil.*

5:15 Qinghua Guo*, University of California at Merced; Yu Liu, University of California at Merced, *Issues and Challenges in using presence-only data in Ecological Niche Modeling.*

5:20 Jocelyn Aycrigg*, National Gap Analysis Program, University of Idaho; Gary Beauvais, Wyoming Natural Diversity Database, University of Wyoming, *Northwest Gap Analysis Project: Addressing local and regional species conservation applications with innovative approaches to species distribution modeling.*

4531. Author Meets Critics: Jake Kosek's "Understories: The Political Life of Forests in Northern New Mexico" (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): David Correia, University Of Maine, Farmington

CHAIR(S): David Correia, University Of Maine, Farmington

Discussant(s): Jon Kosek

Panelists: Carolyn Finney, University of California Berkeley; James P. McCarthy, Pennsylvania State Univesity; Carl Wilmsen, Univ of California- Berkeley; David Correia, University Of Maine, Farmington; Michael Dorsey

4532. Geographies of Higher Education Reform (Sponsored by Economic Geography Specialty Group)

Room: Falmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Kate Geddie, University of Toronto; John Paul Cervas Catungal, University of Toronto

CHAIR(S): John Paul Cervas Catungal, University of Toronto

4:40 Thomas G Muhr*, University of Bristol, *Geographies of Counter-hegemony: Higher Education For All and the Bolivarian University of Venezuela.*

5:00 Kate Geddie*, University of Toronto, *Strategically shaping the higher education landscape: competing for international graduate students.*

5:20 Benjamin Spigel*, Ohio State University, *The Microgeographies of Academic Knowledge Transfer.*

5:40 John Paul Cervas Catungal*, University of Toronto, *The 'Ivory Tower' in the neoliberal city: the urban politics of student voluntarism programs.*

Discussant(s): Kris Olds, University Of Wisconsin-Madison

4533. Urban Geography: Immigration/Transnationalism

Room: Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Grant Saff, Hofstra University

4:40 Ryan Devlin*, University of California-Berkeley, *The Politics of Spatial Regulation: The Case of Street Vending in New York City.*

5:00 Sutama Ghosh*, University of Toronto, *The Production of Vertical Neighbourhoods.*

5:20 Cheryl Gowar*, Rutgers University, *Clientalistic citizenship and the spatial production of difference in neoliberal cities.*

5:40 Diana Mok*, The University of Western Ontario, Dept. Of Geography, *Why are homeownership rates declining among recent cohorts of Canadian immigrants?.*

6:00 Grant Saff, Professor*, Hofstra University, *From the Bottom UP: Documenting the costs and benefits of "illegal" immigration in a suburb, the case of Farmingville, Long Island..*

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- 4534. Nicolas Barbier documentaries on Indian-Non-Indian Conflicts, Discourses and Worldviews on the Nez Perce Reservation (Sponsored by Indigenous Peoples Specialty Group)**

Room: *Maine Room, Marriott, 5th Floor* (Panel Session)
 ORGANIZER(S): Gundars Rudzitis, University of Idaho
 CHAIR(S): Gundars Rudzitis, University of Idaho
 Panelists: L. HoMana Pawiki, Northern Arizona University;
 Gundars Rudzitis, University of Idaho; Nicolas Barbier; Margaret Knox

- 4535. Religious Landscapes**

Room: *New Hampshire Room, Marriott, 5th Floor* (Paper Session)
 This session is a continuation of the previous timeslot, 4330.

- 4536. Development Geography and the Human Dimensions of Environmental Change II: Practice (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: *Vermont Room, Marriott, 5th Floor* (Panel Session)
 ORGANIZER(S): Brent McCusker, West Virginia University;
 Brian King, University of Texas at Austin
 CHAIR(S): Ed Carr, University of South Carolina
 Panelists: Kenneth R. Young, University of Texas at Austin;
 Dianne E. Rocheleau, Clark University; Molly E. Brown, Science Systems and Applications; Ben Wisner, Independent Scholar; Brent McCusker, West Virginia University

- 4537. The Status of "Democracy" In Geographic Research (Sponsored by Urban Geography Specialty Group, Socialist and Critical Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

Room: *Massachusetts Room, Marriott, 5th Floor* (Panel Session)
 ORGANIZER(S): Kevin Ramsey, University Of Washington;
 Mark H. Purcell, University of Washington
 CHAIR(S): Kevin Ramsey, University Of Washington
 Discussant(s): Mark H. Purcell, University of Washington
 Panelists: Clive Barnett; Byron A. Miller, University of Calgary;
 Murray M. Low, London School Of Economics;
 Barbara Cruikshank, University of Massachusetts

- 4538. New Stories for Old Places III: Panel Discussion (Sponsored by Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)**

Room: *St. George A, Westin, 3rd Floor* (Panel Session)
 ORGANIZER(S): Soren Larsen, University of Missouri; Jay T. Johnson, University of Nebraska
 CHAIR(S): Jay T. Johnson, University of Nebraska
 Panelists: Soren Larsen, University of Missouri; Jay T. Johnson, University of Nebraska; Maano Ramutsindela; Brian J. Murton, University of Hawaii; Tibusungu'e Vayayana

- 4539. Special Session to honor Manfred M Fischer's contributions to Geography: Spatial Analysis and Modeling. 2 (Sponsored by Spatial Analysis and Modeling Specialty Group)**

Room: *St. George B, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Suchi Gopal, Boston University
 CHAIR(S): Suchi Gopal, Boston University
4:40 Suchi Gopal, Professor*, Boston University, *Marine Integrated Decision Analysis System (MIDAS)*.

5:00 Kingsley E. Haynes*, George Mason University, *Telecommunications Infrastructure and Regional Income Convergence in China: Panel Data Approaches*.

5:20 Alan T. Murray*, Ohio State University; Jonathan Corcoran, university of queensland; Robert J Stimson, university of queensland, *Estimating employment growth under commute minimization scenarios*.

5:40 Charles Schmidt, San Diego State University; Serge Rey*, San Diego State University; Andre Skupin, San Diego State University, *Effects of Irregular Topology in Spherical Self-Organizing Maps*.

6:00 Jin Feng Wang, Professor*, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Science; Robert Haining, Professor, Department of Geography, University of Cambridge; Zhi Dong Cao, Dr, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, *Efficiency of Spatial Sampling of Heterogeneous Surfaces*.

Discussant(s): Arthur Getis, San Diego State University

- 4540. Refuge in the City II: "Citizen-others" and Geographies of Citizenship (Sponsored by Ethnic Geography Specialty Group)**

Room: *St. George C, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): D. James McLean; Julie Young, York University
 CHAIR(S): D. James McLean

4:40 Mary Grace Betsayda, B.A. (Hons), M.A. (Candidate)*, Ryerson University, *Negotiable Civitas: Brand, Clarke and the Immigrant in the City*.

5:00 Robert Davidson, Asst. Professor of Spanish and Catalan Studies*, University of Toronto, *Detention Hotels*.

5:20 Lisa M Freeman*, University of Toronto, *Regulating the Liminal Citizenship of Toronto's Roomers*.

5:40 Jennifer Ridgley, PhD Candidate*, University of Toronto, *Cities of Refuge and Regulation: The politics and practice of municipal sanctuary*.

- 4541. Species Ranges: Patterns in Space and Time (Sponsored by Biogeography Specialty Group)**

Room: *St. George D, Westin, 3rd Floor* (Paper Session)
 ORGANIZER(S): Zachary P. Taylor, University of Tennessee
 CHAIR(S): Zachary P. Taylor, University of Tennessee

4:40 Matthew Valente*, University of Tennessee Department of Geography; Joseph H Williams, Assistant Professor, University of Tennessee Department of Ecology and Evolutionary Biology, *Genetic Variation, Diversity, and Phylogeography of the Southeastern US - Mexico Cloudforest Disjunct Vine Schisandra glabra (Brickell) Rheder (Schisandraceae)*.

5:00 Kyle J. Schlachter*, University of Denver, *Geographic Range Shape and Elongation of North American Trees*.

5:20 Zachary P. Taylor*, University of Tennessee, *Spatial Analysis of Mammal Disjunctions in the Western Hemisphere*.

5:40 Mark R. Welford, Dr.*, Georgia Southern University, *Does terrain dissection and primary productivity explain elevational diversity of hummingbirds in NW Ecuador*.

6:00 Suzi Wiseman*, Texas State University - San Marcos, *The Captive Environment: The Case of Rhinoceri*.

Discussant(s): Susy Svatek Ziegler, University of Minnesota - Minneapolis

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- 4542. Susan Hanson's 45 years in geography III: Feminist ideas change the world (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group)**
Room: *Essex North-West, Westin, 3rd Floor (Panel Session)*
ORGANIZER(S): Marianna Pavlovskaya, Hunter College; Kevin Keenan, Clark University
CHAIR(S): Joni Seager, Hunter College
Panelists: Elizabeth Johnson, CUNY Graduate Center; Jennifer McGowan, Intervale Center; Elizabeth M. Waithanji; Ibipo Johnston-Anumonwo, SUNY Cortland; Kevin Keenan, Clark University; Signe Kurian; Danielle (Danny) Fontaine; Anna Cieslik, Clark University
- 4543. Advancing the Landsat Mission II (Sponsored by Remote Sensing Specialty Group)**
Room: *Essex North-East, Westin, 3rd Floor (Paper Session)*
ORGANIZER(S): Samuel N. Goward, University of Maryland
CHAIR(S): Samuel N. Goward, University of Maryland
4:40 Shannon Franks*, University of Maryland - College Park; Jeffrey Masek, NASA GSFC; Steve Covington, USGS, *Large Area Scene Selection Interface (LASSI). The methodology used to select scenes for the Global Land Survey 2005.*
5:00 Robert Bindschadler*, NASA; Douglas Binnie, USGS; Adrian Fox, British Antarctic Survey; Andrew Fleming, British Antarctic Survey; Patricia Vornberger, SAIC; Jerry Mullins, USGS, *The new Landsat Image Mosaic of Antarctica: A part of your world you've never seen before.*
5:20 Vogelman E Jim*, SAIC; Zhi-liang Zhu, US Forest Service; Susan K Maxwell, SAIC, *Monitoring Long Term Trends in Forest Condition in the Southwestern United States using Multitemporal Landsat Data.*
5:40 Chengquan Huang*, University of Maryland; Zhiliang Zhu, USDA Forest Service; Hua Shi, SAIC; Samuel N Goward, University of Maryland; John R.G. Townshend, University of Maryland, *An assessment of forest disturbance and regrowth in Mississippi and Alabama using time series stacks of Landsat observations acquired since 1984.*
6:00 Samuel N. Goward*, University of Maryland; Darrel L. Williams, NASA Goddard Space Flight Center; Andrew Macatee, University of Maryland, *Cloud Contamination in Landsat Imagery: Current and Future Possible Solutions.*
- 4544. Thinking Geography - 2**
Room: *Essex North-Center, Westin, 3rd Floor (Paper Session)*
ORGANIZER(S): Program Committee
CHAIR(S): Ronald A. Davidson, California State University, Northridge
4:40 Thomas Doerfler*, Undergraduate, *From the Slums of Lagos to the free World - Slavoj Zizek's Cultural Geography.*
5:00 Mark Jackson*, University of Bristol, *Islanding, Worlding, Placing: Artificial Islands and the Cultural Logic of Late Modernity.*
5:20 Lars Frers*, Darmstadt University of Technology, *Space, materiality, perception - The process of envelopment.*
5:40 Michelle Marie Metro-Roland*, Indiana University, *A Peircean Semeiotic Approach to the Epistemological Problems of Landscape Interpretation.*
6:00 Ronald A. Davidson*, California State University, Northridge, *Recalcitrant Space: Modeling Variation in Humanistic Geography.*
- 4545. Roundtable: The World Bank's World Development Report 2009 (Sponsored by Economic Geography Specialty Group)**
Room: *Staffordshire, Westin, 3rd Floor (Panel Session)*
ORGANIZER(S): Jamie Peck, University of Wisconsin, Madison; Eric S. Sheppard, University of Minnesota - Minneapolis
CHAIR(S): Eric S. Sheppard, University of Minnesota - Minneapolis
4:40 Indermit Gill, Director, *World Development Report 2009 The World Bank*
Panelists: Gillian Hart, University of California, Berkeley; Amy Glasmeier, Pennsylvania State University; Michael Goldman; Richard Peet, Clark University; Allen J. Scott, University of California - Los Angeles; Michael Storper, London School of Economics
- 4546. Understanding coastal vulnerability to sea level rise and other hazards (Sponsored by Coastal and Marine Specialty Group)**
Room: *Parliament Room #1, Westin, 7th Floor (Paper Session)*
ORGANIZER(S): Dean Gesch, U.S. Geological Survey; Benjamin Thomas Gutierrez, United States Geological Survey
CHAIR(S): Dean Gesch, U.S. Geological Survey
4:40 Benjamin Thomas Gutierrez*, United States Geological Survey; S. Jeffress Williams; E. Robert Thieler, *Assessing the Potential for Shoreline Changes Due to Sea-Level Rise Along the U.S. Mid-Atlantic Region.*
5:00 Elizabeth A. Pendleton*, United States Geological Survey; E. Robert Thieler, United States Geological Survey; S. Jeffress Williams, United States Geological Survey, *Utilizing coastal vulnerability assessments in National Park Units to address the relative importance of the geologic and physical factors that define a coastal vulnerability index.*
5:20 Dean Gesch*, U.S. Geological Survey, *Analysis of Lidar Elevation Data for Improved Delineation of Lands Vulnerable to Sea Level Rise.*
5:40 Carol A Wilson*, Earth Sciences, Boston University; Duncan Fitzgerald, Earth Sciences, Boston University; Zoe Hughes, Earth Sciences, Boston University; Amala Mahadevan, Earth Sciences, Boston University; Steven Pennings, Biology and Biochemistry, University of Houston, *Drivers of Headward Creek Erosion in Santee River Delta Saltmarshes.*
6:00 Nathaniel G. Plant, PhD*, United States Geological Survey; Benjamin T. Gutierrez, PhD, USGS; E. Robert Thieler, PhD, USGS, *Application of a Bayesian statistical approach to predicting geomorphic response to sea level rise.*
(see session description on page 39)
- 4547. Study Abroad II: Long Term Engagement with Students and Communities (Sponsored by Geography Education Specialty Group)**
Room: *Empire Room #6, Westin, 7th Floor (Panel Session)*
ORGANIZER(S): Suzanne Walther, University of Oregon; Clare Terni, University of Virginia
CHAIR(S): Robert Swap, University of Virginia
Panelists: Heike Alberts, University of Wisconsin-Oshkosh; Chris Benner, University of California Davis; C. Patrick Heidkamp, Southern Connecticut State University; Celia Nyamweru, St. Lawrence University; Robert Swap, University of Virginia

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4548. Liquid Governance: Water Resources, Adjudication and Neo-Liberalism (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group)*Room:* North Star Room #10, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Eric P Perramond, Colorado College

CHAIR(S): Eric P Perramond, Colorado College

4:40 Eric P Perramond*, Colorado College; Molly Dilg, Colorado College, *Adjudication before neo-liberalism: Water rights in New Mexico.***5:00** Wendy Jepson, Ph.D.*, Texas A&M University; Anne Willis, Texas A&M University, *Decentralization and Equity: Watershed Partnerships along the US-Mexico Border.***5:20** Gina Bloodworth*, Central Washington University, *divergent directions in Columbia River Basin Management.***5:40** Elizabeth N Shapiro*, University of California, Berkeley; Kathleen McAfee, San Francisco State University, *To Empty the Countryside of Farmers: Contesting the Neoliberal Nature of Payment for Ecosystem Services in Mexico.***6:00** David Barkin*, Universidad Autonoma Metropolitana, *Learning from experience: Recent responses to privatization and official mismanagement.***4549. Climate History V: Drought Histories (Sponsored by Climate Specialty Group, Paleoenvironmental Change Specialty Group)***Room:* Defender Room #5, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Georgina Endfield, University of Nottingham; Cary J. Mock, University of South Carolina

CHAIR(S): Cary J. Mock, University of South Carolina

4:40 David W. Stahle, Dr.*, University Of Arkansas; Edward R. Cook, Dr., Lamont Doherty Earth Observatory, Columbia University; Jose Villanueva Diaz, Dr., Instituto Nacional de Investigaciones Forestales, Agrícolas, y Pecuarias, *Drought in Mexico.***5:00** Jose Villanueva-Diaz*, INIFAP-Mexico; Dave W. Stahle, Department of Geography, University of Arkansas; Julian Cerano-Paredes, INIFAP CENID-RASPA; Brian H. Luckam, Department of Geography, University of Western Ontario, Canada; Matthew D. Therrell, Department of Environmental Sciences, University of Virginia, *Tree-ring reconstructed winter-spring precipitation for the Sierra Madre Occidental, Mexico.***5:20** Isabel Fernandez Tejedo*, University of Nottingham, U.K., *The impact of climate change in livestock management in 18th colonial Chihuahua, Mexico.***5:40** Matthew Therrell*, Southern Illinois University, *The 1890s Drought: Causes and Consequences.*

Discussant(s): Georgina Endfield, University of Nottingham; Cary J. Mock, University of South Carolina; David Nash; Michael Grossman, Department of Geography SIUE

4550. Spatial Analysis of Conflict II (Sponsored by Political Geography Specialty Group)*Room:* Adams Room #2, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Colin Flint, University of Illinois

CHAIR(S): Colin Flint, University of Illinois

4:40 Michael D. Ward*, University of Washington; Xun Cao, Princeton University, *Spatial and Interaction Networks in International.***5:00** Steven M. Radil*, University of Illinois at Urbana-Champaign; Roger C. Sambrook, University of Colorado at Colorado Springs, *Development as security? An analysis of relationships between human**development and terrorism.***5:20** Carl T. Dahlman*, Miami University, *Counting on geopolitics: methodological nationalism in the normal spatial model.***5:40** Frank D. W. Witmer*, University Of Colorado - Boulder; John O'Loughlin, University of Colorado-Boulder, *Satellite data methods and application in the evaluation of war outcomes: Abandoned land in Bosnia-Herzegovina after the 1992-1995 conflict.***6:00** Colin Flint*, University of Illinois, *Conceptualizing ConflictSpace: A Framework to Integrate Spatial Analysis and Social Network Analysis in the Study of the Diffusion of International Conflict.***4551. Mumbai in a World of Cities (Sponsored by Socialist and Critical Geography Specialty Group)***Room:* Great Republic #7, Westin, 7th Floor (Panel Session)

ORGANIZER(S): Andrew Harris; Shekhar Krishnan, MIT Program in Science Technology and Society

CHAIR(S): Andrew Harris

Panelists: Vyjayanthi Rao; Andrew Harris; Jonathan Anjaria, Uc Santa Cruz; Shekhar Krishnan, MIT Program in Science Technology and Society

4555. Remote Sensing and Happy Surface Features*Room:* Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Xin Miao, Missouri State University

4:40 Charles Gichana Manyara, Ph.D.*, Radford University, *Scale and Measurement: Surveying and Mapping Local detailed Surface features..***5:00** Qian Yu*, University of Massachusetts-Amherst; Yong Q Tian, University of Massachusetts-Boston; Marc J Zimmerman, USGS MA-RI Water Science Center; Suzanne Flint, Organization for the Assabet River; Marcus C Waldron, USGS MA-RI Water Science Center, *Assessing Aquatic Plant Biomass Using High Resolution Remote Sensing.***5:20** Michael Metzger*, University of New Orleans; Mahtab A Lodhi, PhD, University of New Orleans, *Assessing the Effectiveness of Louisiana's Freshwater Diversion Projects Using Remote Sensing.***5:40** Suzanne C. Walther*, University of Oregon; W. Andrew Marcus, University of Oregon; Mark A. Fonstad, Texas State University, *Mapping channel depths on the McKenzie River, Oregon.***6:00** Xin Miao*, Missouri State University; Melida Gutierrez, Missouri State University; Jun Luo, Missouri State University, *Change Detection and Water Budget Modelling in the Middle Rio Conchos Basin in Mexico using Multi-time TM/ETM+ images.***4556. Conservation and Conflict Resolution***Room:* Beacon B, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Saleem H. Ali, University of Vermont

CHAIR(S): Saleem H. Ali, University of Vermont

Panelists: Charles Chester, Brandeis University; Michelle Stevens, CSUS Environmental Studies Department

4557. Ecological Water Management and Public Awareness*Room:* Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Shively, University of Montana

4:40 Antonio A.R. Ioris*, University of Aberdeen, *The Limits of Water Management Reforms: A comparative study.***5:00** Jongnam Choi*, Western Illinois University; Seok-Hoi Yim, Daegu University; Darrel Barker, Development

FRIDAY, APRIL 18**4:40 PM - 6:20 PM****4500**

Services Division, City of Flagstaff, Arizona,
*Public Knowledge and Perceptions of Wetlands and
 Government Wetlands Policies: A Study of Four Illinois
 Counties.*

- 5:20** David Shively*, University of Montana; Gerald Mueller,
 Consensus Associates, Missoula, Montana, *Montana's
 Clark Fork River Basin Task Force: A Vehicle For
 Integrated Water Resources Management?*

4558. China: Regionalism and Governance

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Waibel, University of Hamburg

- 4:40** JAESEOB AHN*, Dongguk University, Republic of Korea,
*The Change of Regional Structure and Locational
 Characteristics of Najin-Seonbong Economic and
 Trade Zone.*

- 5:00** Shaofei Chen*, The University of Texas at Dallas, *The
 Economic Impact of Administrative Annexation
 in Jiangsu Province, China---Spatial Statistics
 Perspective.*

- 5:20** Daniel McGowin*, The Florida State University, *Addition
 by Subtraction: the Removal of Chiang Kai-Shek from
 the Taipei Landscape.*

- 5:40** Clarence Bouchat*, Harrisburg Area Community College,
*Geography, the Integrating Discipline: Explaining
 China's Population-Driven Geopolitics to Students.*

- 6:00** Michael A Waibel, Dr.*, University of Hamburg,
*Governance, borders and informality in the Pearl River
 Delta mega-urban region.*

4559. GIS and Remote Sensing of Coastal Applications

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Hrishikesh Patel, Boston University

- 4:40** Cherie Keller, University of Florida, Department of
 Statistics; Ellen Hines*, Florida Fish and Wildlife
 Research Institute; Christopher Fonnesbeck, Florida
 Fish and Wildlife Research Institute, *A sensitivity
 analysis of resolution for a habitat model for North
 Atlantic right whales.*

- 5:00** Haibin Su*, Texas A&M University; Hongxing Liu, Texas
 A&M University; William D. Heyman, Texas A&M
 University, *Automated Method for Calibrating a
 Non-linear Inversion Model to Derive Bathymetric
 Information from Multi-spectral Imagery.*

- 5:20** Yige Gao*, Texas A&M University; Hongxing Liu, Texas
 A&M University; Douglas Sherman, Texas A&M
 University; Lei Wang, Louisiana State University,
*Object-based analysis of coastal morphological
 changes using airborne LiDAR data and IKONOS
 imagery: A case study of Bolivar Peninsular coast,
 Texas.*

- 5:40** Hrishikesh Patel*, Boston University; Sucharita Gopal,
 Boston University; Les Kaufman, Boston University,
*Marine Integrated Decision Analysis System (MIDAS)
 Decision Support tool for Marine Area Monitoring and
 Management.*

4560. Development Strategies in Africa and the Caribbean

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thomas Klak*, Miami University of Ohio

- 4:40** Clare M Terni*, University of Virginia, *Traditional Leaders
 and Development in Venda.*

- 5:00** Foster Frempong, MS*, University of Cape Coast, Ghana,
Heritage Assets In Cape Coast, Ghana.

- 5:20** Kimberly Carvey*, Ohio University, *Understanding the
 Role of Local Knowledge and Livelihoods in Ghanaian
 Forest Management Policy.*

- 5:40** Velvet Nelson*, Sam Houston State University, *Dominica's
 Lime Industry: Agriculture & Identity.*

- 6:00** Thomas Klak*, Miami University of Ohio, *Neoliberal
 Development and Grassroots Alternatives in the
 Eastern Caribbean.*

4561. Social & Gender Dimensions of Environment and Resources

Room: Beacon H, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Detlef Mueller-Mahn

- 4:40** Maria Elisa Christie, Director, Women in International
 Development*, Virginia Tech, *Gender issues in
 Integrated Pest Management.*

- 5:00** Qing Tian*, The University of Michigan; Daniel Brown,
 The University of Michigan; Shuhua Qi, Jiangxi
 Normal University; Lin Zheng, Jiangxi Normal
 University, *Rural household vulnerability and
 development under climatic risk: a case study at
 Poyang Lake, China.*

- 5:20** Sara Gabriellsson, PhD Candidate*, Lund University Centre
 for Sustainability Studies; Sara Gabriellsson, PhD
 Candidate, Lund University Centre for Sustainability
 Studies, Sweden, *Vulnerability to Climate Variability
 and Change Among Smallholder Farmers in the Lake
 Victoria Basin.*

- 5:40** Detlef Mueller-Mahn*, University of Bayreuth, Germany,
*The social construction of risk: destructive
 development and the erosion of resilience among
 pastoral nomads in Ethiopia.*

4562. The Happy Yodel and the Sad Sigh: Mobility, Scale, and Globalization

Room: Kent, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Werner Udo Schade, PH Ludwigsburg

- 4:40** Jason Angel*, *Accessing the "Mother Road".*

- 5:00** J. Peter Clinch, PhD*, University College Dublin; Finbarr
 Brereton, PhD, University College Dublin; Susana
 Ferreira, PhD, University College Dublin, *Happiness
 and Geography.*

- 5:20** Susan Kaleita*, University of Arizona, *Medical Tourism in
 the News.*

- 5:40** Werner Udo Schade*, PH Ludwigsburg, *Onomatopoeic
 communication in music: the worldwide sprawl and the
 renaissance of the Alpine yodel.*

4563. Geographic Literacy and GIS Education - Panel Discussion (Sponsored by Geography Education Specialty Group)

Room: Jefferson, Sheraton, 3rd Floor (Panel Session)

ORGANIZER(S): Rich Schultz, Elmhurst College; Lynn Songer

CHAIR(S): Lynn Songer

Panelists: Ming-Hsiang Tsou, San Diego State University; Lynn
 Songer; Rich Schultz, Elmhurst College; Joseph J.
 Kerski, ESRI; David DiBiase, Penn State University;
 Eric Sproles

4564. Designing Urbanism II: Building City and Suburbia

Room: Exeter, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Ludger Basten; Birgit S. Neuer, University of
 Cologne

CHAIR(S): Birgit S. Neuer, University of Cologne

- 4:40** Ulrike Gerhard*, University of Wuerzburg; Ingo H.
 Warnke, University of Goettingen, Germany, *Textures
 in Suburbia - Conceptual and empirical notes on the*

FRIDAY, APRIL 18

4:40 PM – 6:20 PM

4500

6:30 PM – 8:00 PM

4600

relation between language and city.

5:00 Mariela A Alfonzo, Ph.D.*, Virginia Tech, *The Value of Urban Design - The Effect of Suburban Redevelopment on Sense of Community.*

5:20 Ludger Basten*, Ruhr-University Bochum, Germany, *Postmodern suburbanism - design(ing) for the periphery.*

5:40 Claus-Christian Wiegandt*, *Building culture in Germany.*

6:00 Ute Lehrer, Associate Professor*, York University, *Condominium Towers: Between Being Banal and Being Starchitecture.*

4565. Cultural Ecology and Water Resources

Room: Berkeley, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William Mitchell

4:40 Jacob Bull*, *Geographies of Life Aquatic.*

5:00 William S Mitchell*, Mitchell Geographics, Inc., *Modeling Wet Areas for Maine's Forest Landowners.*

5:20 Katelyn Samson*, RMIT University, *Enhancing Social Learning for Sustainable Catchment Management in Victoria, Australia.*

5:40 Craig Thorburn*, Monash University, Australia, *Drivers of Recovery: Tsunami Reconstruction in Aceh, Indonesia, Three Years On.*

6:00 Georgia Garrard*, RMIT University, *The Challenges of Conserving Biodiversity in Urban Fringe Areas: An example from Melbourne, Australia.*

4566. Animal Geographies

Room: Hampton A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Barbara Ambros, University of North Carolina, Chapel Hill

4:40 Adrian Ivakhiv*, University of Vermont, *(Not) Becoming-Animal: Moral topographies of human-animal relations in recent cinema.*

5:00 Barbara Ambros*, University of North Carolina, Chapel Hill, *Eternal Bonds: The Necrogeography of Pet Cemeteries in Contemporary Japan.*

4567. Bridging the Gap Between Analytic and Deliberative Spatial Decision Support (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Hampton B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Claus Rinner, Ryerson University; Robert D. Feick, University of Waterloo

CHAIR(S): Claus Rinner, Ryerson University

4:40 Robert Feick*, University of Waterloo; Brent Hall, University of Otago; Michael Leahy, Wilfrid Laurier University, *A fine balance: Integrating analytical and deliberative spatial decision support.*

5:00 Marina Ivanova, HBA Geography*, Wilfrid Laurier University; Steven A Roberts, Ph.D. Systems Design Engineering, Wilfrid Laurier University, *Using web-based GIS to define neighborhood boundaries for social services delivery: a case study.*

5:20 Soheil Boroushaki*, University of Western Ontario; Jacek Malczewski, University of Western Ontario, *Fuzzy Majority Approach in WebGIS-based Collaborative.*

5:40 Nigel Waters, PhD*, George Mason University; Sunita Gurung, University of Calgary; Jennifer Dick, University of Calgary; Crystal Li, University of Calgary; Shahid Raza, University of Calgary; Shuai

Fu, University of Calgary, *Crowdsourcing: a PPGIS Strategy for Transportation and other forms or Urban Planning, a Case Study of Canmore, Alberta.*

6:00 Piotr Jankowski*, San Diego State University, *Geocollaboration with Discourse Maps.*

4572. New Spaces and New Governance? Challenges for Central and Eastern Europe (Sponsored by Russian, Central Eurasian, and East European Specialty Group, European Specialty Group, Political Geography Specialty Group)

Room: Dalton, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Corey Johnson, University of Oregon; Francis Harvey, University of Minnesota - Minneapolis

CHAIR(S): Francis Harvey, University of Minnesota - Minneapolis

4:40 Alexander C. Diener*, Pepperdine University; Joshua Hagen*, Marshall University, *Historical and Contemporary Geopolitics of the East Prussian and Kaliningrad Exclaves.*

4:55 Micheline van Riemsdijk*, University of Colorado, *Migration of skilled healthcare workers from Poland to Western Europe: Governance Challenges.*

5:10 Corey Johnson*, University of Oregon, *Cross-border governance in the German-Czech-Polish border area: Historical, cultural, and administrative challenges.*

5:25 Kathryn DeMaster, Ph.D. Candidate, University of Wisconsin-Madison*, University of Wisconsin-Madison, *Localizing the EU Dream: Shifting Terrains for Polish Organic Agriculture.*

5:40 Adam Moore*, University of Wisconsin, Madison, *The End of Dayton Bosnia?.*

6:30 PM – 8:00 PM

4620. AAG Special Plenary

Spotlight on U.S. Geography Linkages to Developing Regions

Friday, April 18, 6:30 p.m. - 8:00 p.m.

Room: Grand Ballroom Salons EF, Marriott, 4th Floor

Welcome and Introductions: **Douglas Richardson**, AAG Executive Director

Speakers:

Lars Bromley, American Association for the Advancement of Science

Chris Beyrer, Bloomberg School of Public Health, Johns Hopkins University

Michael Sutcliffe, E. Thekwini Municipality, South Africa

Lee R. Schwartz, U.S. Department of State

Discussants:

Yonette Thomas, National Institutes of Health

Joseph Oppong, University of North Texas

Wilson Compton, National Institutes of Health

Cindy Fan, University of California, Los Angeles

Patricia Solis, AAG

The role of geography as a discipline in the developing world can be complex. This session highlights the activity and contributions of geographers – on both practical and intellectual levels – in developing countries. Today's speakers provide examples of the types of work currently being done in a variety of locations, from Africa to Southeast Asia. They also demonstrate the manifold ways in which geography can speak to issues and challenges facing societies around the world.

FRIDAY, APRIL 18**8:00 PM – 12:00 AM****8:15 PM – 9:15 PM****4700****8:00 PM – 12:00 AM****AAG Regional Film Series**

Friday, April 18, 8:00 p.m. – 12:00 a.m.

Room: Grand Ballroom Salon H, Marriott, 4th Floor

Organizer: Association of American Geographers

Fever Pitch (2005)

8:00 p.m. (103 minutes)

Based on Nick Hornby's novel, this romantic Farrelly Brothers comedy centers on baseball fanatic Ben (Jimmy Fallon), who meets and falls in love with Lindsay (Drew Barrymore). Everything's going great between the couple, but when spring rolls around and baseball season begins, Ben's overwhelming obsession with the Boston Red Sox threatens to destroy his relationship with Lindsay. Ione Skye and Kadee Strickland costar.

Gone Baby Gone (2007)

10:00 p.m. (120 minutes)

When a 4-year-old girl goes missing in Dorchester, one of Boston's toughest hoods, private investigators Patrick Kenzie and Angela Gennaro (Casey Affleck and Michelle Monaghan) reluctantly agree to take the case. But the investigation proves tougher, riskier and more complex than they could have imagined. Ben Affleck's directorial debut, adapted from the Dennis Lehane novel, also stars Ed Harris, Morgan Freeman and Amy Ryan (in her first Oscar-nominated role).

8:15 PM – 9:15 PM**4702. Cartography Specialty Group Business Meeting (Sponsored by Cartography Specialty Group)***Room: Clarendon Room, Marriott, 3rd Floor (Meeting Session)***4703. Coastal and Marine Specialty Group Business Meeting (Sponsored by Coastal and Marine Specialty Group)***Room: Dartmouth Room, Marriott, 3rd Floor (Meeting Session)***4704. Community College Affinity Group Business Meeting (Sponsored by Community College Affinity Group)***Room: Exeter Room, Marriott, 3rd Floor (Meeting Session)***4705. Cyberinfrastructure Specialty Group Business Meeting (Sponsored by Cyberinfrastructure Specialty Group)***Room: Fairfield Room, Marriott, 3rd Floor (Meeting Session)***4706. Disability Specialty Group Business Meeting (Sponsored by Disability Specialty Group)***Room: Harvard Room, Marriott, 3rd Floor (Meeting Session)***4707. Business Geography Specialty Group: Organizational Meeting***Room: Brandeis Room, Marriott, 3rd Floor (Meeting Session)***4708. Canadian Studies Specialty Group Business Meeting (Sponsored by Canadian Studies Specialty Group)***Room: Northeastern Room, Marriott, 3rd Floor (Meeting Session)***4710. Economic Geography Specialty Group Business Meeting (Sponsored by Economic Geography Specialty Group)***Room: Suffolk Room, Marriott, 3rd Floor (Meeting Session)***4712. Graduate Student Affinity Group Business Meeting (Sponsored by Graduate Student Affinity Group)***Room: Tufts Room, Marriott, 3rd Floor (Meeting Session)***4715. European Specialty Group Business Meeting (Sponsored by European Specialty Group)***Room: Regis Room, Marriott, 3rd Floor (Meeting Session)***4716. Ethics Justice and Human Rights Specialty Group Business Meeting (Sponsored by Ethics, Justice, and Human Rights Specialty Group)***Room: Grand Ballroom Salon A, Marriott, 4th Floor (Meeting Session)***4718. Population Specialty Group Business Meeting (Sponsored by Population Specialty Group)***Room: Grand Ballroom Salon C, Marriott, 4th Floor (Meeting Session)***4719. Paleoenvironmental Change Specialty Group Business Meeting (Sponsored by Paleoenvironmental Change Specialty Group)***Room: Grand Ballroom Salon D, Marriott, 4th Floor (Meeting Session)***4724. Water Resources Specialty Group Business Meeting (Sponsored by Water Resources Specialty Group)***Room: Grand Ballroom Salon I, Marriott, 4th Floor (Meeting Session)***4725. Recreation Tourism and Sport Specialty Group Business Meeting (Sponsored by Recreation, Tourism, and Sport Specialty Group)***Room: Grand Ballroom Salon J, Marriott, 4th Floor (Meeting Session)***4726. Regional Development and Planning Specialty Group Business Meeting (Sponsored by Regional Development and Planning Specialty Group)***Room: Grand Ballroom Salon K, Marriott, 4th Floor (Meeting Session)***4727. Private/Public Affinity Group Business Meeting (Sponsored by Private/Public Affinity Group)***Room: Nantucket Room, Marriott, 4th Floor (Meeting Session)***4728. Rural Geography Specialty Group Business Meeting (Sponsored by Rural Geography Specialty Group)***Room: Provincetown Room, Marriott, 4th Floor (Meeting Session)***4729. Retired Geographers Affinity Group Business Meeting (Sponsored by Retired Geographers Affinity Group)***Room: Hyannis Room, Marriott, 4th Floor (Meeting Session)***4731. Study of the American South Specialty Group Business Meeting (Sponsored by Study of the American South SG)***Room: Yarmouth Room, Marriott, 4th Floor (Meeting Session)***4733. Wine Specialty Group Business Meeting (Sponsored by Wine Specialty Group)***Room: Vineyard Room, Marriott, 4th Floor (Meeting Session)***4734. Sexuality and Space Specialty Group Business Meeting (Sponsored by Sexuality and Space Specialty Group)***Room: Maine Room, Marriott, 5th Floor (Meeting Session)***4735. Russian, Central Eurasian, and East European Specialty Group Business Meeting (Sponsored by Russian, Central Eurasian, and East European Specialty Group)***Room: New Hampshire Room, Marriott, 5th Floor (Meeting Session)***4736. Socialist and Critical Geography Specialty Group Business Meeting (Sponsored by Socialist and Critical Geography Specialty Group)***Room: Vermont Room, Marriott, 5th Floor (Meeting Session)*

SATURDAY

Presenting author(s) are indicated with an asterisk ().*

SATURDAY, APRIL 19

8:00 AM - 9:40 AM

5100

8:00 AM - 9:40 AM**5102. Visualising with the 'Other': collaborative art practices and politics 1 (Sponsored by Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

- Room:* Clarendon Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Rachel Pain, University Of Durham; Divya Tolia-Kelly, Durham University
 CHAIR(S): Divya Tolia-Kelly, Durham University
8:00 Alyssa A. Nelson*, University of California, Davis, *Community Murals as Collaborative Geographies: Connecting People, Place, and Art for Justice.*
8:15 Phil Hubbard*, Loughborough University; Maggie O'Neill, Loughborough University, *In a safe space? Arts, migration and the mediation of dislocation.*
8:30 Meghan Cope*, University of Vermont, *Adultist Urbanism: 'The City' Visualizes 'The Child' vs. Real Children Visualizing Their Cities.*
8:45 Kye Askins*, Northumbria University; Rachel Pain*, University Of Durham, *Art for Art's Sake? Materiality, Participation and the Messiness of Interaction.*

5103. Hydroclimatology I (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Cryosphere Specialty Group)

- Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Timothy W Hawkins, Shippensburg University; Steven Quiring, Texas A&M University
 CHAIR(S): Steven Quiring, Texas A&M University
8:00 Lei Meng*, Texas A&M University; Steven M Quiring, Texas A&M University, *Relationship between antecedent soil moisture and summer precipitation in the northern Great Plains.*
8:20 John Dale Frye*, Climatology Research Lab, University of Georgia, *Soil Moisture Effects on Pre-Storm Environments in the Southern Great Plains.*
8:40 Jinyoung Rhee*, University of South Carolina; Gregory J. Carbone, University of South Carolina, *Missing data, short-term weather station records, unsampled locations issues in drought index mapping.*
9:00 Andrew W Ellis*, Arizona State, *Defining drought occurrence within the Colorado River Basin since the late 19th century.*
9:20 Steven Quiring*, Texas A&M University; Gregory B. Goodrich, Western Kentucky University, *Comparing the nature and causes of the recent drought in the southwestern United States with the historic 1950s drought.*

5104. Critical Sports Geography (Sponsored by Socialist and Critical Geography Specialty Group)

- Room:* Exeter Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Robert Ross, American University of Beirut
 CHAIR(S): Robert Ross, American University of Beirut
 Panelists: Robert Ross, American University of Beirut; Jamey Essex, University of Windsor; Kyle Green, SUNY - Geneseo; Richard L. Wolfel, US Military Academy; Alan Latham, University College London; Christopher D. Merrett, Illinois Institute for Rural Affairs, Western Illinois University

5105. Residential Housing, Development, and Choices

- Room:* Fairfield Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Kimiko Shiki
8:00 Brenda K Hugot*, Boston University, *Residential Development in the Boston Metro Area: Local Amenities and Zoning Restrictions in an Urban Equilibrium Model.*
8:20 Hanna Virtanen*, *Housing choices and residential patterns of Somali immigrants in Finland.*
8:40 Katja Vilkkama*, University of Helsinki, *Housing and integration policies and the spatial concentration of immigrants in Helsinki, Finland.*
9:00 Kevin Flaherty*, CSU Long Beach, *Public Participation GIS and Housing Advocacy.*
9:20 Kimiko Shiki*, University of California, Los Angeles, *Central City/Suburban Residential Choice: A New External Economy Approach to Understanding the Concentration of Poverty in Cities.*

5106. China's Regional Development: Global and Local Coupling (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, China Specialty Group)

- Room:* Harvard Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Yu Zhou, Vassar College
 CHAIR(S): Yu Zhou, Vassar College
8:00 You-Ren Yang, Dr. *, School of Environment and Development, University of Manchester, *Innovation, trans-border community and state policy: The strategic coupling of Silicon Valley's returnees in Shanghai's chip design industry.*
8:20 Jun Zhang*, National University of Singapore, *The Coupling of Relation-building with Market-building: Placing the 'Relational Turn' in Context.*
8:40 Daniel Schiller*, Leibniz University of Hannover, Germany; Javier Revilla Diez, Leibniz University of Hannover, Germany, *Informal Dynamics of Agile Firm Organization in the Greater Pearl River Delta.*
9:00 Jessica Chong*, Vassar College, *The construction of Fujian province, China, as a transnational hub.*

5107. Losing our Chains: Rethinking the commodity through disarticulations I (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group)

- Room:* Brandeis Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Marion Traub-Werner, University of Minnesota
 CHAIR(S): Eric S. Sheppard, University of Minnesota - Minneapolis
8:00 Jennifer Bair, Yale University; Marion Traub-Werner*, University of Minnesota, *The Place of Disarticulations: Global Commodity Production in La Laguna and the Caribbean Basin.*
8:20 Bradley R. Wilson, Ph.D. Candidate*, Rutgers University, *Off the Commodity Road: Structural Irrelevance, Landless Workers and Coffee Industry Restructuring in Nicaragua, 1999-2004.*
8:40 Priti Ramamurthy*, University of Washington, *Unfamiliar Bonds: Floral sex work and the reconfiguration of the cotton seed chain in South India.*
9:00 Stefano Ponte, Senior Researcher*, Danish Institute for International Studies, *Disjunctures and fragmentations in global value chains - Reflections on 'legitimacy' and 'quality' in (South African) wine.*
 Discussant(s): Melissa W. Wright, Penn State University

SATURDAY, APRIL 19**8:00 AM - 9:40 AM****5100**

5108. Perspectives on Geographic Complexity I: Theory (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Li An

CHAIR(S): Moira Zellner, University of Illinois-Chicago

8:00 Scott B Brown*, Arizona State University; Paul M Torrens, Ph.D., Arizona State University; Atsushi Nara, Arizona State University; Haojie Zhu, Arizona State University, *Wayfinding simulation and complexity: A case for cognizance.*

8:20 Sara Metcalf*, University at Buffalo (SUNY); Dae-Jong Kim, University at Buffalo (SUNY); Yan Yang, University at Buffalo (SUNY); Paul Hirsch, Georgia Institute of Technology, *Modeling Mental and Cultural Models of Shared Resource Concerns.*

8:40 Paul A Peters*, University Of Texas, *Human Ecology, Cellular Automata, and Agent Modelling: Changing theories and shifting methods of segregation analysis.*

9:00 Dawn C. Parker, Asst. Prof.*, George Mason University; Gary Polhill, Research Scientist, Macaulay Institute; Mohammad Mussavi, PhD Student, George Mason University, *An OWL (Web Ontology Language) Representation of the Mr Potatohead Agent-Based Land-Use Change Meta-Model.*

Discussant(s): Peter J. Deadman, University of Waterloo

5109. Vegetation of Eastern North America I (Sponsored by Biogeography Specialty Group)

Room: MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Charles W. Lafon, Texas A & M University; Andrew Millington, Texas A&M University

CHAIR(S): Charles W. Lafon, Texas A & M University

8:00 David Shankman*, University of Alabama; Barry D. Keim, Louisiana State University; Charles W. Lafon, Texas A&M University, *Forest-grassland transition in the southeastern United States: physiographic, soil, and climatic influences..*

8:20 Lori Jean Mitchener*, University of Maine, Orono, Maine; Alan S. White, PhD, University of Maine, Orono, Maine; William B. Krohn, PhD, U.S. Geological Survey, Maine Cooperative Fish and Wildlife Research Unit, University of Maine, Orono, Maine, *The Presettlement Forest of Northern Maine: Types of data available from the initial land survey records.*

8:40 Rachel E Isaacs*, Texas A&M University; Kirk M Stueve, Texas A&M University; Charles W Lafon, TexasA&M University, *Spatial patterns of ice storm disturbance in the forested landscape of Ouachita Mountains, Arkansas and Oklahoma.*

9:00 John Kupfer*, University of South Carolina; Kimberly Meitzen, Univ. of South Carolina; Ashley Pipkin, Univ. of South Carolina, *Post-disturbance Regeneration in Southeastern Floodplain Forests: Implications of Environmental Variability on Successional Pathways.*

9:20 Andrew Millington*, Texas A&M University; Charles Lafon, Texas A&M University; Daehyun Kim, Texas A&M University, *Rita's legacy?: inter-specific and spatial patterns of tree damage in east Texas forests.*

5110. Interrogating the "creative" in the Creative City

Room: Suffolk Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Laam Hae, York University; Sanjukta Mukherjee, University of Toronto

CHAIR(S): Laam Hae, York University

Panelists: Ute Lehrer, York University; Clayton Rosati, Bowling Green State University; Laam Hae, York University; Alison L. Bain, York University; Sanjukta Mukherjee, University of Toronto; Karen Bridget Murray, York University

5111. Radical Geography 40 Years On: 2

Room: Wellesley Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Kate Driscoll Derickson; Matthew Mitchelson, University of Georgia

CHAIR(S): Sandra Brown

Introducer: Stijn Oosterlynck

Panelists: Nik Heynen, University of Georgia; Robin Jane Roff, Simon Fraser University; Bobby M. Wilson, University Of Alabama; James P. McCarthy, Pennsylvania State University; Cindi Katz, CUNY Graduate Center; Sallie A. Marston, University of Arizona; David W. Harvey, CUNY

5112. Asian State Spaces: Seeing Asian Developmental States Spatially I (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, Asian Geography Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Bae-Gyoon Park, Seoul National University; Asato Saito, National University of Singapore

CHAIR(S): Bae-Gyoon Park, Seoul National University

8:00 Jamie Doucette, Doctoral Candidate*, Department of Geography, University of British Columbia, *Labour geography and state-spatial processes of neoliberal reform in Korea: Conceptualizing Korean Labour's spatial fix.*

8:20 Young Jin Choi, Graduate student*, Seoul National University, *State-Capital relations and Export Processing Zone in South Korea.*

8:40 Dong-Wan Kim*, Graduate School of Environmental Studies, Seoul National University, *State Spatial Strategies for Accumulation and Hegemony Building and the Territorialization of the South Korean Development State in the 1970s.*

9:00 Jung Won Sonn*, University College London, *The Discursive Practice in State Rescaling: A Case Study of South Korean Spatial Policy and its Theoretical Reflections.*

Discussant(s): Neil Brenner, New York University

5113. Historical geographies of imperial liberalism: the British experience in the nineteenth century (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group)

Room: Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Philip Howell; David Beckingham, University of Cambridge

CHAIR(S): Philip Howell

8:00 Philip Howell*, University of Cambridge, *Prostitution, empire and the political geography of nineteenth-century imperial liberalism..*

8:20 David Beckingham*, University of Cambridge, *Imperial liberalism and temperance: from Liverpool to India.*

8:40 Nancy Duncan*, University of Cambridge, *Liberalism and the biopolitics of the tropical prison.*

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9:00 James Duncan*, University of Cambridge, *'Making Survive' in Late Nineteenth Century Ceylon.*

9:20 David P. Nally*, University of Cambridge, *Liberalism, Colonial Biopolitics and Famine Relief in India and Ireland.*

5114. Bowman Antilles Expedition (Sponsored by American Geographical Society)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Mary Lynne Bird, American Geographical Society

CHAIR(S): Jerry Dobson, University of Kansas
Introducer: Jerry Dobson

8:06 Jerry Dobson, Professor*, University of Kansas; Peter Herlihy, Associate Professor, University of Kansas, *The AGS Bowman Expeditions Concept, Rationale, and Prototype.*

8:17 Peter H. Herlihy, Ph.D.*, University of Kansas, *The AGS Bowman Expedition: Digital Geographies of Indigenous Mexico.*

8:28 Kent Mathewson*, Louisiana State University, *Historical Antecedents of the Bowman Antilles Expedition.*

8:46 Shawn Hutchinson, Kansas State University; John Harrington, Kansas State University; Vikki Tinnon, Kansas State University; Thomas J Vought*, Kansas State University, *The Second Bowman Expedition: Open-Source GIS Database Development in the Antilles.*

9:04 Andrew Sluyter*, Louisiana State University; Amy E Potter, Louisiana State University, *Land Use and Tenure in the Leewards.*

9:22 Amy E Potter*, Louisiana State University; Andrew Sluyter, PhD, Louisiana State University, *Land Tenure and Transnational Migrants in the Antilles.*

5115. Governing Technologies I: Representation, Participation, and Governance in the 'Digital Age' I (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Matthew W. Wilson, University of Washington; Kevin Ramsey, University Of Washington

CHAIR(S): Matthew W. Wilson, University of Washington

8:00 Michael W. Longan*, Valparaiso University, *How Cities in Northwest Indiana Use the World Wide Web for Representation, Participation, and e-Government.*

8:20 John Saunders*, York University, *Digital Subjects and the Technological City: Universalism and Ubiquity Reconsidered.*

8:40 Jason Speck*, Graduate Student, *Wiki Theology.*

9:00 Richard Donohue*, UW-Madison, *Digital Mapping Technologies: Implications for Knowledge Spaces.*

9:20 Kimberly L. Cordingly, Ph.D.*, West Virginia University, *Disability, Flexibility, and Work in the 'Digital Age': How Technology Is Reshaping Home Workplaces and Subjectivities of Women with Multiple Sclerosis (MS).*

5116. Built Forms and Migrant Mobilities in Cities I (Sponsored by Urban Geography Specialty Group)

Room: Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Ayona Datta, London School of Economics

CHAIR(S): Melissa Fernandez

8:00 Natalie Oswin*, National University of Singapore, *Housing the Modern Model Family in Colonial Singapore.*

8:20 Ayona Datta, Dr*, London School of Economics, *Home, nation, and the gendered self: House-Building among Polish Builders in London.*

8:40 David Jensen Truly, Ph.D.*, Central Connecticut State University, *A Mexican Village in Flux: Retirees and the Mexican Landscape.*

Discussant(s): Edward Soja, UCLA

5117. From Cradle to Grave: Waste Management Systems, Environmental Equity and Local Communities

Room: Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Virginia Maclaren, University Of Toronto

CHAIR(S): Virginia Maclaren, University Of Toronto

8:00 Jamie Baxter, PhD, Associate Professor*, University Of Western Ontario, *Applying principles of justice and equity to evaluate the "success" of voluntary siting for a hazardous waste site.*

8:20 Nilima Bhoi*, The University of Western Ontario; Jamie Baxter, The University of Western Ontario; Jason Gilliland, The University of Western Ontario; Isaac Luginaah, The University of Western Ontario; Michael Buzzelli, The University of Western Ontario, *Quantitative Analysis of Environmental Equity in five major Census Metropolitan Areas in Canada.*

8:40 Virginia Maclaren*, University Of Toronto; Tanya Atkinson, University of Toronto; Vig Krishnamurthy, University of Toronto; James Yacoumidis, Ontario Growth Secretariat, *Assessing public involvement in landfill management: a tale of two public liaison committees.*

9:00 Julian Cleary, PhD Candidate*, University of Toronto, *A Life Cycle Assessment Model of Residential Solid Waste Management and Prevention (The WasteMAP Model): Tetra Pak Case Study for Toronto, Canada.*

5118. Cholera Revisited

Room: Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thomas Koch

8:00 Thomas Koch, PHD*, University of British Columbia; Denike Ken, PhD, University of British Columbia, *John Snow and cholera: That Damn Broad Street map.*

8:20 Eric Daude*, University of Rouen, UMR IDEES, CNRS (France); Emmanuel Eliot, CNRS/Universite Du Havre(France); Emmanuel Bonnet, University of Lille 1(France), *Enlighten the past with present tools: modelling and simulation of the 1832 cholera epidemic in Rouen (Normandy, France).*

8:40 Emmanuel Eliot*, University of Le Havre / UMR IDEES, CNRS (France); Eric Daude, University of Rouen, CNRS (France); emmanuel Bonnet, University of Lille 1 (France), *Spatial dynamics and place effects of the epidemics of cholera in Normandy (France). (1832-1892).*

9:00 Margaret Carrel, M.A. *, University of North Carolina - Chapel Hill; Michael Emch, Ph.D., University of North Carolina-Chapel Hill; P. K. Streatfield, Ph.D., International Centre for Diarrhoeal Disease Research, Bangladesh; Mohammad Yunus, Ph.D., International Centre for Diarrhoeal Disease Research, Bangladesh, *The impact of flood control on cholera in Matlab, Bangladesh.*

SATURDAY, APRIL 19**8:00 AM - 9:40 AM****5100**

**5119. Subterranean Political Ecologies in Latin America I
(Sponsored by Conference of Latin Americanist Geographers,
Cultural and Political Ecology Specialty Group, Latin
America Specialty Group)**

Room: *Grand Ballroom Salon D, Marriott, 4th Floor* (Paper Session)
ORGANIZER(S): Jeffrey Bury, University of California, Santa Cruz

CHAIR(S): Anthony J Bebbington, University of Manchester

8:00 Matthew Fry*, Department of Geography and the Environment, University of Texas Austin, *At the Source of the Built Environment: A case study of construction material mining and land-use transformations in central Mexico.*

8:20 Kenneth R. Young*, University of Texas at Austin; Blanca León, University of Texas at Austin; Mariana Montoya, University of Texas at Austin; Julio Postigo, University of Texas at Austin, *Subsurface political ecology: Social and environmental disputes surrounding copper mines and petroleum wells in western South America.*

8:40 Julio C Postigo, M.A. *, University of Texas at Austin; Mariana Montoya, M.A., University of Texas at Austin; Kenneth R Young, PhD, University of Texas at Austin, *Contesting development: Clashing national-local political ecologies in rural Peru.*

9:00 Jeffrey Bury*, University of California, Santa Cruz, *Rangers, Rocks and Resistance: Mining and Conservation in the Cordillera Huayhuash, Peru.*

5120. Hazards and the State, Public, and Neighborhoods

Room: *Grand Ballroom Salon E, Marriott, 4th Floor* (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): David Lanter, CDM - Camp Dresser & McKee

8:00 David Lanter, Ph.D. *, CDM - Camp Dresser & McKee, *Geographic Decision Support for Disaster Public Assistance.*

8:20 Ben C Sherrouse*, United States Geological Survey; David J Hester, United States Geological Survey, *Integrating Socioeconomic and Geologic Hazards Data to Identify Labor Market Exposure in a Simulated Southern California Earthquake.*

5121. Geographies of Learning

Room: *Grand Ballroom Salon F, Marriott, 4th Floor* (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): Sandra Schmidt, Michigan State University

8:00 Maribel Elias*, IFPRI; Sergio J Rey, REGAL, *Educational Performance and Spatial Convergence in Peru.*

8:20 Robert Huish, Ph.D. Candidate, Simon Fraser University*, Student, *Going where no doctor has gone before: How Cuba's Latin American School of Medicine may redefine geographies of health care in the global south..*

8:40 Jon Corbett*, University of British Columbia-Okanagan; Tim Kulchyski, Cowichan Tribes, *The role of Web 2.0 in the revitalization of language and a sense of place.*

9:00 Kate Shaw, Dr*, University of Melbourne; Ruth Fincher, Professor, University of Melbourne; Michele Lobo, Dr, University of Melbourne, *Student spaces: exploring the urban experiences of university students.*

9:20 Sandra J Schmidt*, Michigan State University, *Renaming place: Constructing the practice of citizenship as resistance.*

5122. Political Geography

Room: *Grand Ballroom Salon G, Marriott, 4th Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Darren Purcell, University of Oklahoma

8:00 Edward H Robinson*, University at Buffalo, *What "Is_a" State?.*

8:20 Waite Jacqueline*, University of Maryland, *Organization Matters in Participatory Watershed Management.*

8:40 Kolson Lee Schlosser, Ph.D. *, Western Kentucky University, *Class, Race and Sexual Politics in 20th Century Malthusian Revivalism.*

9:00 Peter J. Hugill, Ph.D. *, Texas A&M University, *"America conquers Britain: " a case study of a type II hegemonic transition..*

9:20 Darren Purcell*, University of Oklahoma, *Humor and Popular Geopolitics: The Case for Researching Laughing Matters.*

**5123. Wildfires in a changing environment - Understanding the past
(Sponsored by Geographic Information Science and Systems
Specialty Group, Biogeography Specialty Group, Remote
Sensing Specialty Group)**

Room: *Grand Ballroom Salon H, Marriott, 4th Floor* (Paper Session)

ORGANIZER(S): Beth Hall, University of New Hampshire; Crystal Kolden, Clark University

CHAIR(S): Beth Hall, University of New Hampshire

8:00 Jim Kernan*, SUNY Geneseo, *Analysis of Drought Effects on the Spatial Variability of Paleo-fire Regimes in the Cascade Range.*

8:20 Jennifer Marlon*, Dept. of Geography, University of Oregon; Patrick J Bartlein, Dept. of Geography, University of Oregon; Global Palaeofire Working Group, BRIDGE School of Geographical Sciences, University of Bristol, Bristol, UK, *"Megafires" of the past: insights from charcoal-based paleofire records.*

8:40 Jed Cochrane*, University of British Columbia; Lori Daniels, University of British Columbia, *Quantifying and comparing variation in fire regimes in mixed-conifer montane forests of the southern Rocky Mountain Trench, British Columbia.*

9:00 Stockton Maxwell, MS*, West Virginia University; Baatarbileg Nachin, Phd, National University of Mongolia; Amy E. Hessler, Phd, West Virginia University; Neil Pederson, Phd, Eastern Kentucky University; Peter M. Brown, Phd, Rocky Mountain Tree Ring Research, *The Influence of Climate and Human Land Use on Fire History near Ulaanbaatar, Mongolia.*

9:20 Stephen Yool*, University of Arizona, *Spatio-Temporal Variations in Southwest Fuel Phenologies.*

5124. Urban Geography

Room: *Grand Ballroom Salon I, Marriott, 4th Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Peter M. Piet, City of Elmhurst

8:00 Adam Steinberg*, Rutgers-New Brunswick, *Universities & Property Taxes: Making Sense of the Nonprofit/For-Profit Conundrum.*

8:20 Elizabeth Underwood-Bultmann*, University of Washington, *"You Can't Have That Hobby Here": Transgression, Property, and the Implications of Zoning Enforcement.*

8:40 Paula Negron*, Université du Québec - INRS Urbanisation, Culture et Société; Anne-Marie Séguin, Université du Québec - INRS Urbanisation Culture et Société; Philippe Apparicio, Université du Québec - INRS

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Urbanisation Culture et Société, *The evolution of elderly population distribution in Canadian metropolises, 1981-2006.*

9:00 Nicholas A Lynch*, University of British Columbia, *Reprogramming the National Capital for a Global Era: The case of Ottawa and the 'Canada and The World Pavilion'.*

9:20 Peter M. Piet*, City of Elmhurst; Richard P. Greene, Northern Illinois University, *The Varying Influences on U.S. Population Growth, 1980-2006.*

5126. Arendt and Geography (Sponsored by Political Geography Specialty Group)

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Tyler Pearce; Mark Lawrence Santiago, Department of Geography, University of British Columbia

CHAIR(S): Mark Lawrence Santiago, Department of Geography, University of British Columbia

8:00 Elizabeth Lee*, University of British Columbia, *Rethinking Citizenship.*

8:20 Lawrence Marcelo Santiago, Ph.D. Student*, Department of Geography, University of British Columbia, *Hannah Arendt in Geography: Where and Why Now? A Critical Discussion of the Panel.*

8:40 Sabine Motzenbacker*, At Large, *Agon of Space. Making Biopolitics Political.*

9:00 Tyler Pearce*, *On political Friendship, or Geopolitics and decolonizing place(s) at The Edge.*

5127. Climate Change Vulnerability and Adaptation Research: Lessons from the Field (Sponsored by Climate Specialty Group)

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): James Ford; Robert McLeman, University of Ottawa

CHAIR(S): James Ford

8:00 James Ford, Dr*, Dept. of Geography, McGill University, *Climate change vulnerability and adaptation north of 60: Reflections on 5 years of research in Igloolik, Canada.*

8:20 Robert McLeman, PhD*, Department of Geography, University of Ottawa, *Climate Change Adaptation in Seasonal-Economy Communities.*

8:40 Lisa Westerhoff, BA, MA candidate*, Global Environmental Change Group; Barry Smit, Professor of Geography; Canada Research Chair, Global Environmental Change Group, *Prospects for Adaptation in the Afram Plains, Ghana.*

9:00 Gwendolynne Young, MSc, Research Associate*, University of Guelph; Barry Smit, Professor of Geography, Canada Research Chair, University of Guelph; Johanna Wandel, Post Doctoral Research Associate, University of Guelph; Humberto Zavala, PhD, Department of Engineering, University of La Serena, Chile, *Community Vulnerability, Climate Change and Water Resources: Experiences from Northern Chile.*

Discussant(s): Colin Polsky, Clark University

5128. Exploring the Unity of Health and Development Studies in Geography

Room: Provincetown Room, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Todd Faubion; Sarah Paige

CHAIR(S): Amber Pearson

Panelist: Todd Faubion; Sarah Paige; Amber Pearson

5129. Geographies of Carnival and the Carnavalesque (Sponsored by Cultural Geography Specialty Group)

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Teresa Abbruzzese, York University; Melinda Alexander, Arizona State University

CHAIR(S): Liette Gilbert, Faculty of Environmental Studies, York University

8:00 Melinda Alexander*, Arizona State University, *The Carnival Everyday.*

8:20 Bethany Rogers*, Louisiana State University, *The Maple Leaf Bar and Krewe of Oak Carnival Parades: Expressions and Memories of Place.*

8:40 Teresa Abbruzzese*, York University, *Disjointing the Carousel: Unmasking the production of juxtaposed marginalities and material realities in a southern Italian fairground circuit.*

9:00 Johnny Coomansingh, Ph.D*, Minot State University; Johnny Coomansingh, Ph.D, Minot State University, *"Eye Food": an Exhibition of Sexuality and Sensuality in the pre-Lenten, Trinidad Carnival..*

Discussant(s): Tim Cresswell, Royal Holloway, University of London

5130. Fire & Forest

Room: Orleans Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dominik Kulakowski, Clark University

8:00 David B. McWethy, Dr.*, Montana State University; Cathy L. Whitlock, Professor, Montana State University; Matt S. McGlone, Dr., Landcare Research; Janet M. Wilmshurst, Dr., Landcare Research; Xun LI, Dr., Landcare Research, *Examining early human-fire linkages on New Zealand's South Island.*

8:20 Leia Jamieson*, DendroLab, Department of Geography, University of Nevada - Reno; Jason Sibold, ph.D., DendroLab, Department of Geography, University of Nevada - Reno; Franco Biondi, ph.D., DendroLab, Department of Geography, University of Nevada - Reno, *Fire history of a sky island forest ecosystem in the southern Great Basin.*

8:40 Jennifer Lipton*, Central Washington University, *Land cover identification of fire-prone habitat on the Yakama Nation Reservation, WA.*

9:00 Dominik Kulakowski*, Clark University, *The effects of climate and bark beetle outbreaks on forest fires in the intermountain West, USA.*

5131. GIS in public health (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Zhiyong Hu, University of West Florida

CHAIR(S): Zhiyong Hu, University of West Florida

8:00 Zhiyong Hu*, University of West Florida, *Extraction of particulate matter surface from MODIS Data for linking stroke mortality with air pollution in Northwest Florida.*

8:20 Jennifer Alford-Teaster, MA*, Dartmouth College; Xun Shi, PhD, Dartmouth College; Tracy Onega, PhD, Dartmouth College; Dongmei Wang, MS, Dartmouth College; Jing Zou, Dartmouth College, *Assess*

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Potential Demand for Major Cancer Care Facilities in the US.

- 8:40** Debarchana Ghosh*, University of Minnesota, *Novel approaches to delineate West Nile virus transmission cycles on a micro-scale using Geographic Information Science technologies.*

5132. Africa: International Development

Room: Falmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Janet Fishlock, Graduate Student

- 8:00** Arja Vainio-Mattila*, Huron University College, *Civil Society as a space for the international development project: Case study of Tanzania.*

- 8:20** Giles Mohan*, The Open University; Marcus Power, Durham University; May Tan-Mullins, Durham University, *New African choices? The politics of Chinese involvement in Africa and the changing architecture of development.*

- 8:40** Yahia Mohamed-Mahmoud*, Social and Economic Geography, *Chinese Assistance and West African Development: a shifting approach to foreign aid.*

- 9:00** Marcus Power*, Department of Geography, University of Durham, *China-Africa and South-South co-operation: Afro-Asian solidarity and partnership in the twenty-first century.*

- 9:20** Janet Fishlock, BA, MSW, ABD*, Graduate Student, *Between a Rock and a Hard Place: Social Development and Private Sector Cooperation in the International Mining Sector in Sub-Saharan Africa.*

5133. Approaches to Transportation Modeling and Measurement

Room: Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Keith A. Ratner, Salem State College

- 8:00** Frederick P. Stutz, Ph.D.*, San Diego State, *Valuation of Urban Travel Benefits and Costs: Toward Energy Efficiency.*

- 8:20** Shitij Mehta*, ESRI, *Extending and Visualizing Traffic Work Zone Impacts of West Corridor Light Rail Project - Denver.*

- 8:40** Jiuxu Cui*, CUNY - Graduate Center; Jeffrey Osleeb, Ph.D., University of Connecticut, *Accessibility Measurements of Rail Transit Networks and Their Impact on Rent.*

- 9:00** Michael Steven Rooney*, Cadmus Group, *Using Spatial Regressions to Visualize Patterns in Average Household Vehicle-Miles Traveled: Assays in the San Francisco Bay Area and the Boston Metropolitan Region.*

- 9:20** Keith A. Ratner, PhD*, Salem State College, *The Changing World of Roadway Mapping and Measurement.*

5134. Transport meets mobilities: different approaches, common subject? (Sponsored by Transportation Geography Specialty Group)

Room: Maine Room, Marriott, 5th Floor (Panel Session)

ORGANIZER(S): Jon Shaw, University of Plymouth; Markus Hesse, Freie Universität Berlin

CHAIR(S): Jon Shaw, University of Plymouth

Introducer: Markus Hesse

Discussant(s): Tim Cresswell, Royal Holloway, University of London

Panelists: Andrew R. Goetz, University Of Denver; Robert Kitchin, National University Of Ireland; Sven Kesselring, Technische Universität München; Genevieve Giuliano, University of Southern California

5135. Russia and new urban life - policy and conflict (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Urban Geography Specialty Group)

Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Beth Mitchneck, University of Arizona

CHAIR(S): Megan Dixon, University of Oregon

- 8:00** Helen Ogurtsova*, Saratov State University, *The Phenomenon of the Power Economy in Russia.*

- 8:20** Elena Trubina, Ph.D., Professor*, Ural State University, *"Cultural Difference" in the Russian Industrial Cities: The Politics of Trade, Employment, Emotions, and Knowledge.*

- 8:40** Andrey Velichko*, Far Eastern State University, Vladivostok, *Strategic Planning and the Development of Vladivostok Local Economic Policy.*

- 9:00** Natalia Vlasova*, Ural State University, *Key Actors and the Main Directions of the Russian Urban Policy.*

Discussant(s): Marianna Pavlovskaya, Hunter College

5136. Paradigms of Social Geography: Gender, Children, and Family

Room: Vermont Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kristina Gibson, University Of Colorado at Boulder

- 8:00** Kathryn Travis, MA Women's Studies*, York University, Canada, *Interrogating Place: Cartographic Traditions and Masculine Maps.*

- 8:20** Anna Lucy Woodham*, University of Leicester, *The geography of school visits to museums: Are museums more socially inclusive than is widely perceived?.*

- 8:40** Julia McMillan*, Durham University, *Children's unequal experiences of their journey to school.*

- 9:00** Julie Poncelet*, University of Washington, *Answering the Call: Children and Notions of Democracy.*

- 9:20** Kristina Gibson*, University Of Connecticut, *Critical Ethnography in the Streets.*

5137. New Voices in Rural Geography (Sponsored by Rural Geography Specialty Group)

Room: Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Holly Barcus, Macalester College

CHAIR(S): Holly Barcus, Macalester College

- 8:00** Colleen C. Hiner, M.S.*, UC Davis, *The Rural Visioning Project: Understanding Participation and Capacity Building.*

- 8:20** Jill K. Clark*, Department of Geography, The Ohio State University, *Relational Geographies in Newly Restructured, Consumptive Spaces: Developing a Model for Agricultural Geography of U.S. Peri-Urban Areas.*

- 8:40** Christopher R. Laingen*, Kansas State University & The Ohio State University, *Land Use Change and Pheasant Hunting in South Dakota.*

- 9:00** Gina K. Thornburg*, Kansas State University, *Residential Patterns of Hispanics in Hutchinson, Kansas: Processes of Assimilation and Persistent Spatial Segregation.*

SATURDAY, APRIL 19**8:00 AM - 9:40 AM****5100****5139. Air Pollution****Room:** *St. George B, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jung-Hoon Kim, Seo-Kyeong University

8:00 Ramesh P Singh*, George Mason University; Anup K Prasad, Center for Earth Observing and Space Research, George Mason University, Fairfax VA, USA; Menas Kafatos, Center for Earth Observing and Space Research, George Mason University, Fairfax VA, USA, *Increasing Trend of Atmospheric Pollution in the Northern Parts of India.*

8:20 Youngkook Kim*, The Ohio State University; Youn Taik Leem, Ph.D., Hanbat National University; Jean-Michel Guldmann, Professor, The Ohio State University, *Urban Vegetation: Is It Really Helpful for Air Pollution Mitigation?*

8:40 Jie Tian*, Queen's University; Dongmei Chen, Queen's University, *Spatial and temporal issues in correlating MODIS aerosol optical depth data with ground-based PM_{2.5} observations across southern Ontario.*

9:00 Segun Ogunjemiyo*, California State University, Fresno, California, 93740; Samuel Omolayo; Stuart Mcfeeters; Erika Antonio; Michelle Himden, *Ozone Profile Measurements In An Urban Environment.*

9:20 Jung-Hoon Kim*, Seo-Kyeong University, Fulbright Scholar at Harvard University, MIT, *Reducing GHG Emissions and Flood Risks by PAYT in Boston, Massachusetts.*

5140. Business and the Environment Around the World**Room:** *St. George C, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Samartha Thankappan

8:00 Kim Strout*, *Wal-Mart's Sustainability Initiatives: Real Gains or Greenwashing?*

8:20 Xiaojiang Yu*, Geography Department, Hong Kong Baptist University, *Environmental Performance of foreign direct investment companies in the Pearl River Delta Region: a case study in Dongguan City.*

8:40 James Van Alstine*, London School of Economics, *Contesting corporate environmentalism in South Africa: multi-scalar power and politics.*

9:00 Dorothea J Kleine, Dr*, Royal Holloway, University of London, *"Like Mixing Water and Oil ": State ICT Policies and Microentrepreneurs in Chile.*

9:20 Samartha Thankappan, PhD*, BRASS, Cardiff University, Cardiff, *Exploring climate change impacts in the UK agri-food supply chain.*

5141. Ethnic Geography**Room:** *St. George D, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michal Kohout, California State University, San Bernardino

8:00 Thomas D. Boswell*, University of Miami, *A Comparative Study of African Americans In Miami and New York City.*

8:20 Paul N. McDaniel*, University of North Carolina at Charlotte, *Ethnic Settlement, Spatial Segregation, and Dissimilarity in Charlotte, North Carolina: Comparisons between 1990 and 2000.*

8:40 Ines M. Miyares*, Hunter College, *Landscapes of Opportunity: Latino Geographies in Honolulu, Hawaii.*

9:00 Neiset Bayouth*, Florida State University, *The construction of illegality and Latinization threat in the Nuevo South.*

9:20 Michal Kohout*, California State University, San Bernardino, *Local Immigration Politics in Southern California's Inland Empire.*

5142. Urban Political Geography**Room:** *Essex North-West, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ben Kohl

8:00 Michael Dolton*, *The New Labour panopticon and the flattening out of local democracy.*

8:20 Forrest Heide*, Hunter CUNY, *The Morphology of Political Violence.*

8:40 Lynn Adam Saffery, MA Candidate*, Simon Fraser University, *The Art of Citizenship: Performance and Participation on Commercial Drive.*

9:00 Teresa Dirsuweit, PhD*, University of the Witwatersrand, *Public Space and the Democratisation of Johannesburg.*

9:20 Benjamin Kohl, PhD*, Associate Professor and Undergraduate Chair, Temple University; Juan Arbona, PhD, Bryn Mawr College, *A Neoliberal City Hypothesis: a framework for understanding urban change and a call for research.*

5143. Local Food, Local Drink**Room:** *Essex North-East, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Hayden Roberts, University of Oklahoma

8:00 James Daniel Baginski*, University of Tennessee, Knoxville, *Craft Brewing and Metropolitan Quality of Life: Probing the Relationship.*

8:20 Aaron Gilbreath, M.A. *, University of Kansas, *Selling Neolocalism: Tourism, Class, and the Marketing of Maine Microbrews.*

8:40 George Franklin, Jr. McCleary*, University of Kansas, *You can get there from here: touring the wine world..*

9:00 Hilda E Kurtz*, University of Georgia, *Whither the small American farmer? A critical discourse analysis of public comments on Farm Bill 2007.*

9:20 Hayden Roberts*, University of Oklahoma, *The American Agricultural Fair: Revisited.*

5144. The Global Racialization of Risk (Sponsored by Urban Geography Specialty Group)**Room:** *Essex North-Center, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Katharyne Mitchell; Elvin K. Wyly, University of British Columbia

CHAIR(S): Elvin K. Wyly, University of British Columbia

8:00 Randy Martin*, New York University, *race after risk.*

8:15 Stephen Young*, University of Washington, *Risk Management and Redlining in Andhra Pradesh.*

8:30 Mona Atia*, University of Washington, *The Recasting of Risk: Non-Governmental Financial Flows in the Middle East.*

8:45 Katharyne Mitchell, Ph.D. *, University of Washington, *Traveling Risk.*

9:00 Ananya Roy*, University of California - Berkeley, *Risky Men, Good Women: The Ethico-Politics of Millennial Development.*

SATURDAY, APRIL 19**8:00 AM - 9:40 AM****5100****5145. Immigration and Public Policy***Room: Staffordshire, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Madhusudana N. Rao, Bridgewater State College

8:00 Marc Doussard*, University of Illinois at Chicago, *"They're Happy to Have a Job": Employers, Undocumented Workers and Degraded Work.***8:20** Paul Lewkowicz*, Queen's University, *Enough Talk, More Action: The Toronto Region Immigrant Employment Council (TRIEC) and skilled immigrant labour market integration in the Toronto Region.***8:40** Yolande E. Pottie-Sherman, MA Candidate*, Queen's University, *Moral panic over merit-based immigration: Comparative news media constructions of citizenship in the 2007 US Bush-Kennedy Amnesty Bill and Canadian Point System legislation.***9:00** Nathaniel Lewis, M.A.*, Queen's University, *Manitoba's Provincial Nominee Program: Model for Immigrant Employment or Trapping of Neoliberalism?.***9:20** Madhusudana N. Rao*, Bridgewater State College, *Technology, Globalization, and Skilled Immigrants: Implications for U.S. public Policy.***5146. Climate Impacts and the Urban Environment; A Collection of Key NOAA-Sponsored Projects***Room: Parliament Room #1, Westin, 7th Floor (Panel Session)*

ORGANIZER(S): Nancy Beller-Simms, UCAR for NOAA

CHAIR(S): Nancy Beller-Simms, UCAR for NOAA

Discussant(s): Nancy Beller-Simms, UCAR for NOAA

Panelists: Roberto Sanchez-Rodriguez, W. Christopher Lenhardt, Oak Ridge National Laboratory; Kenneth Marc Strzepek; Jim Lopez

5147. Geographies of International Adoption I (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)*Room: Empire Room #6, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Alec Brownlow, DePaul University

CHAIR(S): Alec Brownlow, DePaul University

8:00 Todd Lindley*, Indiana University, *Intercountry Adoption in the Philippines and the United States: Global Networks and Local Processes.***8:20** Shelley Grant*, Queen Mary College, University of London, *Savings or Sales? Analysing the Perceived Political-Economies of Transnational Child Adoption Between Families in the UK and US.***8:40** Christina Low Von Mayrhauser, Ph.D.*, California State University Northridge Department of Anthropology, *Agentic Forces Shaping The Rise of the International Adoption Industry in China and the United States.***9:00** Andréa Cardarello*, Chaire MCD, *Imposing family patterns: The "legal traffic" of children and international adoption in Brazil.*

Discussant(s): Steven Holloway, University Of Georgia

5148. Water and Development: A Fluid Relationship I: Discussion Panel (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group)*Room: North Star Room #10, Westin, 7th Floor (Panel Session)*

ORGANIZER(S): Farhana Sultana, King's College London;

Jessica Budds, The Open University

CHAIR(S): Farhana Sultana, King's College London

Panelists: Farhana Sultana, King's College London; Erik Swyngedouw, University of Manchester; Olivier Graefe, University of Fribourg; Anne-Marie Debbané, York University; Jessica Budds, The Open University; François Molle, Institut De Recherche Pour Le Développement

5149. Remote Sensing of the Environment*Room: Defender Room #5, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Victoria Achatz, Coastal Planning & Engineering

8:00 Rajesh Bahadur Thapa*, University of Tsukuba; Yuji Murayama, University of Tsukuba, *Examining Land Use Change Process in Kathmandu Valley Using Multi-temporal Satellite Imageries.***8:20** Neil Thomas Winn*, Miami University; Craig Williamson, Miami University; Robbyn Abbitt, Miami University; Mary Henry, Miami University; Kevin Rose, Miami University; Jasmine Saros, University of Maine, *Dissolved Organic Carbon Prediction in the Lakes of the Absaroka-Beartooth Wilderness Using a GIS and Remote Sensing.***8:40** Kikombo Ilunga Ngoy*, Kean University, *Analysis of the spatial structure of the city of Lubumbashi in the Democratic Republic of Congo using images from Google Earth..***9:00** Victoria Achatz*, Coastal Planning & Engineering; Jacob Estebanell Becerra, Universitat de Barcelona; Charles W. Finkl, Coastal Planning & Engineering, *Geomorphological symbolization of continental shelf environments along the southeast coast of Florida: Interpretation of airborne laser bathymetry and development of an extension for ArcInfo GIS.***9:20** Tilottama Ghosh*, University of Denver; Dr. Paul C. Sutton, University of Denver; Dr. Christopher D. Elvidge, NOAA-NESDIS National Geophysical Data Center, *Estimating Gross Domestic Product of a Middle Income Country based on the parameters of a Developed Country derived from Nighttime Satellite Imagery.***5150. Historical Cartography***Room: Adams Room #2, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mark Monmonier, Syracuse University

8:00 Thomas Stieve*, Brown University, *The Rediscovered Map Collection of the John Hay Library: An Example of 19th and early 20th Century Mapmaking and Map Use in the United States.***8:20** John Benhart, Jr., Professor*, Indiana University of Pennsylvania, *Applications of Large-Format, Historical Mine Maps in Pennsylvania.***8:40** Mark Monmonier*, Syracuse University, *Sea Level Rise and the Fourth Shoreline of Coastal Cartography.***9:00** Pavel Ilyin*, United States Holocaust Memorial Museum, *Political Maps Issued during World War II: A Review.*

SATURDAY, APRIL 19

8:00 AM - 9:40 AM

5100

5151. Travel Behavior Choices and Changes**Room:** Great Republic #7, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ren Thomas

8:00 Sumeeta Srinivasan*, Harvard University, *Travel Behavior, Location and Attitudes: Case Studies in Chennai, India and Chengdu, China.***8:20** Ruben Mercado, PhD*, School of Geography and Earth Sciences, McMaster University, *Transport Mode Use of Canadian Elderly: Effects of Trip-Maker's Person, Social Network and Neighborhood Characteristics.***8:40** Farrah L Grant*, University of Nebraska Omaha, *The Journey to Campus: Residential urban form and commute mode choice for University of Nebraska Omaha Students.***9:00** Martin Lanzendorf*, Helmholtz Centre for Environmental Research - UFZ; Sylvia Harms, Helmholtz Centre for Environmental Research - UFZ; Julia Probst, Helmholtz Centre for Environmental Research - UFZ, *The transition from university to working life: How does an important key event in the life course affect travel behaviour?.***9:20** Ren Thomas*, University of British Columbia, *Youth Social Travel and Activity Patterns in Vancouver, BC.***5155. Historical Geography****Room:** Beacon A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bruce L. Bigelow, Butler University

8:00 Christian MONTES*, Universite De Lyon, *Choosing American Capitals: a New Light on American Cities and Territorial Processes.***8:20** Lauren Ashley Tucker*, York College of Pennsylvania, *Location and Prosperity in Harmony and Shaker Communities.***8:40** Arthur J. Krim*, Boston Architectural College, *The First Street of Plymouth: The Original 1620 Town Plan.***9:00** Bruce L. Bigelow*, Butler University, *Formative thinkers for D.W. Meinig.***9:20** Mary M. Graham*, York College of Pennsylvania; Mary M. Graham, Ph.D., York College of Pennsylvania; Richard D. Stone, Ph.D., John L. Grove College of Business, Shippensburg University, *Ft. Donelson, Shiloh, and Vicksburg: Perpetuating the Civil War's "Lost Cause" Via Battlefield Preservation in the Western Theater.***5156. Down to the Last Drop: Assessing Water****Room:** Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard A. Earl, Texas State University

8:00 Stacey Archfield*, US Geological Survey; Peter A Steeves, US Geological Survey, *A Desktop Application to Assess the Sustainable Basin Yields and Surface-Water Resources in Massachusetts.***8:20** Andrew J. Massey*, USGS; Lance J. Ostiguy, USGS; Stacey A. Archfield, USGS, *Effect of Bathymetric Data Density on the Accuracy of Estimates of Reservoir Storage Capacity and Stage-Storage Relationships.***8:40** Kelly Turner*, Arizona State University, *Public Good or Commodity? Institutional Differences in Water Management Strategies and Conservation Outcomes in Tucson and Phoenix..***9:00** Joseph Terzungwe Zume*, Shippensburg University, *Precipitation and Streamflow Time Series Analyses in the Lower Susquehanna River Basin.***9:20** Richard A. Earl*, Texas State University; Eddie Wilcut, San Antonio Water System, *An update on San Antonio and the Edwards Aquifer.***5157. Arctic and Antarctic Sea Ice, Atmospheric Connectivity, and Arctic Coastal Erosion****Room:** Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Roger G. Barry, University of Colorado

8:00 Tracy L. DeLiberty*, University of Delaware; Stephen F. Ackley, University of Texas at San Antonio; Cathleen A Geiger, University of Delaware; Michael L Van Woert, National Science Foundation; Anthony P Worby, Australian Antarctic Division and Antarctic Climate and Ecosystems Cooperative Research Centre, *Sea-Ice Thickness and Mass Balance in the Southern Ocean.***8:20** Mary D. Lemcke*, University Of Delaware, *Evaluating the response of a simulated sea-ice thickness distribution to atmospheric parameterization using remotely sensed observations.***8:40** Marilyn Raphael*, University of California, *Southern Hemisphere atmospheric circulation sensitivity to Antarctica seaice.***9:00** Benjamin Jones*, United States Geological Survey; Joel Schmutz, United States Geological Survey; Chris Arp, United States Geological Survey, *Increase in erosion of the Teshekpuk Lake Special Area coastline and its consequences.***9:20** Roger G. Barry*, NSIDC, University of Colorado; Andy Mahoney, NSIDC; Florence Fetterer, NSIDC; Vasily Smolnaitsky, Arctic Antarctic Research Institute, St Petersburg, *Twentieth century sea ice conditions in the Eurasian Arctic from a comprehensive reconstitution and synthesis of Russian data sources.***5158. Biogeography: Latin American Topics****Room:** Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stephen R. Cameron, Michigan State University

8:00 Sheika Aragundi*, *Biogeographic study of the Polylepis forest remnants of the Northeastern Cordillera Oriental of Ecuador and implications for their conservation.***8:20** Chandra Prasad Giri*, SAIC; Clinton Jenkins, Duke University, *The Protection of Endemic and Small-ranged Mammal Diversity in Central America.***8:40** Jim Penn*, Grand Valley State University; Malinda Van Sledright, Western Michigan University, *Documenting aguaje palm swamp area and conditions in the Peruvian Amazon: Lessons for conservation.***9:00** Hildegardo Córdova-Aguilar*, Universidad Católica Del Perú, *Reintroducing Native Andean Plant Species to the People's Diets and their Relationships to Development..***9:20** Stephen R. Cameron, PhD*, Western Michigan University, *A method to measure avoided deforestation in Amazonian protected areas.*

SATURDAY, APRIL 19**8:00 AM - 9:40 AM****5100****5159. Urban Geography and Transportation***Room: Beacon F, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mark T. Burnett, Mount Royal College

8:00 Kafui Ablode Attah*, Syracuse University, *Bus routes, Bus stations and the Bus itself: Neoliberalism and the Spaces of Public Transportation in Syracuse, New York.*

8:20 Nicholas K Tulach*, Rutgers, The State University of New Jersey, *When equal rights collide: Critical Mass and transport policy.*

8:40 Deike Peters*, Center for Metropolitan Studies, TU Berlin, Germany, *From "Cathedrals of Modernity" to "Cathedrals of Postmodern Mobility" - Conceptualizing Railway Stations as New Symbolic Spaces in the Network City.*

9:00 Sungsoo Hwang*, DePaul University, *Effect of housing market segmentation on vehicle miles of commute: empirical analysis of 22 large metropolitan areas in the U.S..*

9:20 Mark Troy Burnett, Ph.D.*, Mount Royal College, *An Urban Geography of Calgary - A Model of "Unsmart" Growth.*

5160. Mapping the Black Presence*Room: Beacon G, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Caroline Bressey; Paul Goodwin

CHAIR(S): Caroline Bressey

8:00 Caroline Bressey*, UCL, *Mapping the Black Presence in Victorian London.*

8:20 Clifford Pereira, FRGS*, *Voices from the past - Mapping the African Presence in the nineteenth century Middle East..*

8:40 Paul Goodwin*, Centre for Urban and Community Research, Goldsmiths, University of London, *Re-Visioning Black Urbanism.*

9:00 Naya L Jones*, University of Texas at Austin, *Healing Exclusion: Placing Afro-Mexican Medicinal Practices.*

Discussant(s): James A. Tyner, Kent State University

5161. Historical Geography and GIS*Room: Beacon H, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): David A. Fyfe

8:00 Ashley Holt*, UC Berkeley, *Plague in California and the United States, 1900 - 1950: Re-interpreting the spatial history of a disease.*

8:20 James H Kile*, University of Kansas, *John Brown, the Black Jack Battleground in Kansas, and GIS.*

8:40 Andrew James Baker*, University of Tennessee, *An Historical Geography of Formula One Motorsport.*

9:00 David A. Fyfe*, The Pennsylvania State University, *Spatio-temporal connectivities in small-town America: Explorations in historical GIScience.*

5162. Affecting the Urban: Desire, possibility and embodiment*Room: Kent, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Ondine Park, University of Alberta

CHAIR(S): Ondine Park, University of Alberta

8:00 Ondine Park*, University of Alberta, *Suburbia: placing love, the good life and utopia.*

8:20 Rob Shields*, University of Alberta, *Affect in Urban Cultural Studies.*

8:40 Tonya Katherine Davidson*, University of Alberta, *"The First Great Canadian": Expanding Narratives of Belonging Through Stone Bodies.*

9:00 Olga Pak*, University of Alberta, *'Do you like how this city is changing?': Affect, reason and cityscape-in-transformation in post-soviet Russia.*

5163. Just sustainabilities: What is the potential of 'environmental space'?*Room: Jefferson, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Julian Agyeman, Tufts University; Mark Roseland, Simon Fraser University

CHAIR(S): Barbara Rahder, Environmental Studies, York University

8:00 David J. Hendrickson, PhD Candidate*, Simon Fraser University, *On Target: Taking Aim at Community Consumption.*

8:20 Mark Roseland*, Simon Fraser University, *Seeking Environmental Space in Community Capital.*

8:40 Lisa Schweitzer*, University of Southern California, *Mobility and Regionalism in Environmental Spaces.*

9:00 Gregg B Walker*, Oregon State University, *Civic Space and Environmental Space: Bringing People and Communities into Green Planning and Sustainability Decisions.*

9:20 Julian Agyeman*, Tufts University; Barbara Rahder*, Environmental Studies, York University, *Towards Community Space?.*

5164. Visualization, Cartography, and Cognition*Room: Exeter, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sarah Battersby

8:00 Zachary Forest Johnson*, University of Wisconsin Geography, *Cartograms for Political Cartography: A Question of Design.*

8:20 Jinmu Choi*, Mississippi State University, *Scale Dependent Feature Rendering based on Geometry Generalization.*

8:40 Dragos Simandan, PhD*, Brock University, *Space and abstract cognition.*

9:00 Richard L Murphy*, University of South Carolina, *The U.S. Seasonal Drought Outlook: Visual Communication and Categorization.*

9:20 Sarah E Battersby*, University of South Carolina, *Traditional and virtual globes: A cognitive assessment of area interpretation.*

SATURDAY, APRIL 19

8:00 AM - 9:40 AM

5100

5165. Economics and the Environment**Room:** Berkeley, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Paul C. Sutton, University of Denver

8:00 Wei Tu*, Georgia Southern University, *From Industrial Ecology to Information Ecology: A Structural Economics Approach.***8:20** Kenneth Bagstad*, University of Vermont; Austin Troy, University of Vermont; Shuang Liu, CSIRO, *Context matters: Applying ecological and socioeconomic criteria for improved ecosystem services benefit transfer.***8:40** Heather Sander*, University of Minnesota, *The Impact of Parks, Trails, and Views on Residential Property Values: Estimates from a Hedonic Pricing Model.***9:00** Daniel Reader, MSc*, Western Kentucky University; John All, PhD, Western Kentucky University, *Sustainability with Globalization: A Chilean Case Study.***9:20** Paul C. Sutton*, University of Denver; Benjamin Tuttle, University of Denver; Christopher D Elvidge, National Geophysical Data Center; Kimberly Baugh, National Geophysical Data Center, *Mapping the dollar value of natural production and dollar cost of human consumption globally.***5171. Analysis of Precipitation, Circulation and Tropical Cyclones****Room:** Fairfax B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Timothy Joyner, Louisiana State University

8:00 Claudia K. Walters*, University of Michigan-Dearborn, *Spatial Variations in Low-Level Jet Activity across the Central United States during 1971-2000.***8:20** Elsa C Nickl*, University of Delaware; Cort J Willmott, University of Delaware, *A new approach to the estimation of precipitation fields in mountainous environments.***8:40** Ricardo Nogueira, Mr*, Louisiana State University, *Atlantic Tropical Cyclone Contribution to Seasonal and Monthly Precipitation in the United States - 1990-2000.***9:00** Timothy Joyner*, Louisiana State University; Robert V Rohli, PhD, Louisiana State University; Andrew Curtis, PhD, University of Southern California; Gerardo Boquin, MS, Louisiana State University, *Kernel Density Estimation of Hurricane Track Frequencies in the North Atlantic Basin.***5166. Geography of U.S. Reservations: Identity and Development****Room:** Hampton A, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Donald J. Berg, South Dakota State University

8:00 Juan Jorge Cancel, B.A. Geography*, Seminole Tribe of Florida - Tribal Historic Preservation Office; Paul Nathan Backhouse, PhD., Archaeology, Seminole Tribe of Florida - Tribal Historic Preservation Office, *Native Geography: Using GIS as a Tool for Tribal Historic Preservation Offices..***8:20** William V. Ackerman*, Ohio State University, *Indian Gaming in South Dakota: Conflict in Public Policy.***8:40** Donald J. Berg*, South Dakota State University, *Phantom Indian Reservations in South Dakota: A Cartographic Riddle.***5167. Structural and regulatory reform in European and North American food systems****Room:** Hampton B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Alison Blay-Palmer, Queen's University

CHAIR(S): Alison Blay-Palmer, Queen's University

8:00 Alison Blay-Palmer*, Wilfrid Laurier University, *Structural and regulatory reform: Lessons from the UK.***8:20** Betsy Donald*, Queen's University, *Food systems planning and sustainable cities and regions: the need to confront the elephant at the dinner table.***8:40** Melanie Bedore, Ph.D. candidate*, Queen's University, *The role of the urban regulatory regime in creating a just retail food geography: the case of Kingston, Ontario's food desert.***9:00** Terry Marsden, Cardiff University School Of CIT; Andrew Flynn*, Cardiff University, *The evolving private-interest model of food regulation in Europe: continuities and contestations.*

Discussant(s): Mara Miele

SATURDAY, APRIL 19**10:10 AM - 11:50 AM****5200****10:10 AM - 11:50 AM**

- 5202. Visualising with the 'Other': collaborative art practices and politics 2 (Sponsored by Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

Room: Clarendon Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Rachel Pain, University Of Durham; Divya Tolia-Kelly, Durham University

CHAIR(S): Rachel Pain, University Of Durham

10:10 Marie Cieri*, The Ohio State University, *Geography Inflected by the Arts and Activism*.

10:25 Chiara Tornaghi, Dr.*, Dept. of Sociology and Social Research, University of Milano Bicocca, Italy, *Participatory art practices within place making processes. Accommodating business or empowering tools?*.

10:40 David Vine, Radical Cartographer*, Beehive Design Collective, *Mapping and Dismantling Monoculture-Collaborative, Anti-Copyright Graphics as Storytelling Tools About Colonialism, Resource Extraction, and Militarism in the Western Hemisphere*.

- 5203. Hydroclimatology II (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Cryosphere Specialty Group)**

Room: Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Timothy W Hawkins, Shippensburg University; Steven Quiring, Texas A&M University

CHAIR(S): Timothy W Hawkins, Shippensburg University

10:10 Dinali Nelun Fernando*, Rutgers University; David A. Robinson, Rutgers University, *An analysis of long-term trends in the Indian Winter Monsoon over Sri Lanka*.

10:30 Kenneth Blumenfeld*, University of Minnesota, *Have We Misidentified 100-Year Rainfalls?*.

10:50 David P Brown*, Louisiana State University; Barry D Keim, Louisiana State University, *Record Rainfall Associated with the 12-16 May 2006 New England Storm*.

11:10 Dan Bedford*, Weber State University, *Temperature Effects Of Areal Fluctuations Of Great Salt Lake, Utah: Summer Versus Autumn*.

11:30 Timothy W. Hawkins*, Shippensburg University, *Hydroclimatic Trends for the Salt and Verde Watersheds, Arizona*.

- 5204. Author Meets Critics: Allan Cochrane's Understanding Urban Policy: A Critical Approach (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)**

Room: Exeter Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): David Wilson, University Of Illinois

CHAIR(S): David Wilson, University Of Illinois

Introducer: David Wilson

Discussant(s): Byron A. Miller, University of Calgary; Gordon MacLeod, University of Durham; Michele Raco, King's College London; Melissa R. Gilbert, Temple University; Allan Cochrane, Open University; Ian Gordon, London School of Economics

- 5205. Housing Development and Population Geography**

Room: Fairfield Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Destiny Aman

10:10 Arnisson Andre Caparas Ortega*, University of Washington, *Migration and housing development in the Manila Mega-Urban Region, Philippines*.

10:30 Augustin Misago*, *Residential Building Permit Activity by Metropolitan Area: Key Agents of Change*.

10:50 Petronella Muraya*, Howard University, *HOPE VI: Eastgate Housing Project, Washington DC*.

11:10 Destiny D Aman*, Penn State University; Brent Yarnal, Penn State University, *The Mystery of the Mobile Home: A Geographic Investigation of Mobile Homes in Rural Pennsylvania*.

- 5206. Reconsidering New Urbanism I (Sponsored by Urban Geography Specialty Group)**

Room: Harvard Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Jennifer Speights-Binet, University of

Houston, Clear Lake; Katherine B. Hankins, Georgia State University

CHAIR(S): Jennifer Speights-Binet, University of Houston, Clear Lake

10:10 Damaris Rose*, INRS-UCS, Institut national de la recherche scientifique; Amy Twigge-Molecey, INRS-UCS, Institut national de la recherche scientifique; Annick Germain, INRS-UCS, Institut national de la recherche scientifique, *The resurgence of 'social mix' in discourses of urban governance in Canada: something old, something new, something borrowed...?*.

10:30 Katherine B. Hankins*, Georgia State University, *The absent presence of the state in a new urbanist development*.

10:50 R Alan Walks*, University Of Toronto, *The Good Political Community? New Urbanism and Neighbourhood Political Effects*.

Discussant(s): Emily Talen, University of Illinois -Urbana/Champaign

- 5207. Losing our Chains: Rethinking the commodity through disarticulations II (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group)**

Room: Brandeis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Marion Traub-Werner, University of Minnesota

CHAIR(S): Melissa W. Wright, Penn State University

10:10 Martin H. Hess*, University of Manchester; Neil M Coe, University of Manchester, *Ruptures and Frictions: (Dis-)Embedding Global Production Networks*.

10:30 Lieba Faier*, UCLA, *Contingencies of Connection: Weather and Bugs in Matsutake Commodity Chains*.

10:50 Marc Boeckler, Universitaet Eichstaett; Christian Berndt*, Universitaet Frankfurt, *The world in chains: Mobile commodities, performativity and borders*.

11:10 David A. Smith, Sociology*, UC-Irvine, *"Disarticulating Lengthened Chains: Extraction, Transport, and Global Commodity Chains"*.

Discussant(s): Eric S. Sheppard, University of Minnesota - Minneapolis

SATURDAY, APRIL 19

10:10 AM - 11:50 AM

5200

5208. Perspectives on Geographic Complexity II: Methods/Issues (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Alison Heppenstall

CHAIR(S): Dawn C. Parker, George Mason University

10:10 Kirk Harland*, University of Leeds; John Stillwell, Professor, University of Leeds, *Commuting to school: the application of spatial interaction models in the education sector.*

10:30 Li An*, San Diego State University; Daniel G Brown, University of Michigan, *Addressing Temporal Complexities in Land Change Analysis: How Can Survival Analysis Help?*

10:50 Alison Heppenstall*, University of Leeds; Mark Birkin, University of Leeds, *Extending spatial interaction models with agents for understanding relationships within a dynamic retail market.*

11:10 Christopher Bone*, Simon Fraser University; Suzana Dragicevic, Simon Fraser University, *Machine Learning and Agent-based Modeling for Spatial Decision Support Systems.*

Discussant(s): Tom Evans, Indiana University

5209. Vegetation of Eastern North America II (Sponsored by Biogeography Specialty Group)

Room: MIT Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Charles W. Lafon, Texas A & M University; Andrew Millington, Texas A&M University

CHAIR(S): Andrew Millington, Texas A&M University

10:10 Joan M. Welch, Ph.D.*, West Chester University; Tom Saladyga, M.A., West Virginia University, *Fire in the Woods: Native and Invasive Plant Response.*

10:30 Serena R Aldrich*, Texas A&M University; Charles W. Lafon, Dr., Texas A&M University; Henri Grissino-Mayer, Dr., University of Tennessee, Knoxville, TN; Georgina G. Deweese, Dr., University of West Georgia, *Fire History and Stand Dynamics of Pine and Oak Forests in the Central Appalachian Mountains.*

10:50 Georgina DeWeese*, University of West Georgia; Henri D Grissino-Mayer, University of Tennessee, Knoxville; Charles W Lafon, Texas A&M University; Serena R Aldrich, Texas A&M University, *Past Fire Regimes of Table Mountain Pine (Pinus pungens Lamb.) Stands in the Central Appalachian Mountains, Virginia, U.S.A..*

11:10 William Flatley*, Texas A&M University; Charles Lafon, Dr., Texas A&M University; Henry Grissino-Mayer, Dr., University of Tennessee, *Using 20th Century fire perimeter data to examine spatial patterns of fire in Great Smoky Mountains National Park, TN..*

11:30 Charles W. Lafon*, Texas A & M University; Adam R. Krustchinsky, Texas A&M University, *Fire, Logging, and Forest Development in a Southern Appalachian Red Spruce Forest.*

5210. Migration and Mobility in the City

Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Camilla Perrone

10:10 Joel A. Alvarez, MA*, New York City Department of City Planning; A. Peter Lobo, Ph.D., New York City Department of City Planning; Joseph J. Salvo, Ph.D., New York City Department of City Planning, *Migration Patterns of New York's Puerto Ricans, Dominicans, and Mexicans: Forging the City's Past, Present, and Future.*

10:30 Natasha M Rivers, M.A.*, University of California, Los Angeles; William A.V. Clark, Professor, University of California, Los Angeles, *The Dynamics of Ethnic and Racial Mobility across Time and Space.*

10:50 Stephen P Davis, MA geography, MA anthropology*, University of Illinois-Chicago; Juan R Martinez, MA sociology, University of Illinois-Chicago; R Stephen Warner, Professor Emeritus, Sociology, University of Illinois-Chicago, *Latino Catholics "Taking to the Streets": Priests, Parishioners, and Immigrant Rights in Chicago, March 2006-2007.*

11:10 Anna Cieslik*, Clark University, *Emigration in the Not-so-global City.*

11:30 Camilla Perrone, assistant professor*, University of Florence; Giancarlo Paba, professor, University of Florence, *Re-shaping cities of differences: which kind of Chinatown are we facing?*

5211. Imagining our Coastal Environment

Room: Wellesley Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jiansheng Yang, Ball State University

10:10 Chunhua Zhang, Ph.D.*, East Tennessee State University; John M. Kovacs, Ph.D., Nipissing University; Xixi Lu, Ph.D., National University of Singapore, *Comparing space-borne SAR platforms for mapping mangrove forests of the Mexican Pacific.*

10:30 ByungYun Yang*, *A substantial development and preservation of coastal resources by a high resolution image.*

10:50 Paul B.T. Merani, M.A.*, University of Nebraska; Sunil Narumalani, Ph.D., University of Nebraska; Donald C. Rundquist, Ph.D., University of Nebraska; John F. Schalles, Ph.D., Creighton University, *Salt Marsh Species Discrimination and Mapping in the Chesapeake Bay Using Aerial Remote Sensing.*

11:10 Jiansheng Yang*, Ball State University; Francisco J Artigas, Meadowlands Environmental Research Institute (MERI), *Detecting salt marsh vegetation changes by hyperspectral remote sensing.*

5212. Asian State Spaces: Seeing Asian Developmental States Spatially II (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, Asian Geography Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Bae-Gyoon Park, Seoul National University; Asato Saito, National University of Singapore

CHAIR(S): Asato Saito, National University of Singapore

10:10 Jinn-yuh Hsu*, National Taiwan University, *The Unexpected Co-existence of Neo-liberalism and Neo-populism: Regional Restructuring under the DPP Regime in the Millennium Taiwan.*

10:30 Yi-ling Chen*, Natinal Hualien University of Education, *The Production of New Urban Places: Development Strategies of Hualien City, Taiwan.*

10:50 Bae-Gyoon Park*, Seoul National University; Ki-Nam Kim, Seoul National University, *State's Scalar Strategy Coping with Crisis of Regulation: Politics of Scale on the Location of a Radioactive Waste Disposal Facility in South Korea.*

11:10 Sook-Jin Kim*, Konkuk University, *Deceitful neoliberal state or lingering to say good-bye to developmental state?: the case of development of biotechnology clusters in South Korea.*

Discussant(s): James Derrick Sidaway, University of Plymouth

SATURDAY, APRIL 19

10:10 AM – 11:50 AM

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5213. Future Research Directions in Historical GIS for Asia and Europe (Sponsored by Historical Geography Specialty Group)*Room:* Simmons Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Karl Ryavec, University of Wisconsin at Stevens Point

CHAIR(S): Karl Ryavec, University of Wisconsin at Stevens Point

10:10 Peter Bol*, Harvard University, *Historical GIS for Asia: Lessons from the China Historical GIS Project.***10:30** Ruth Mostern, Assistant Professor*, University of California, Merced, *In the Tracks of Yu: Doing Political History with Historical GIS.***10:50** Karl Ryavec, Assistant Professor of Geography*, University of Wisconsin at Stevens Point, *Situating the History of Islam in China and Inner Asia within Current Historical GIS Frameworks.***11:10** Humphrey R Southall*, University of Portsmouth, *Visioning Britain: Re-thinking the Great Britain Historical GIS.***11:30** David Schobesberger*, University of Vienna, *Mapping Cultural History of the Western Himalayas.***5214. Author Meets Critics: Graeme Wynn, Canada and Arctic North America: An Environmental History (Sponsored by Historical Geography Specialty Group)***Room:* Boston Univ. Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Anne Kelly Knowles, Middlebury College

CHAIR(S): Anne Kelly Knowles, Middlebury College

Panelists: Stephen J. Hornsby, University Of Maine; Craig Colten, Louisiana State University; Geoff Cunfer, University of Saskatchewan; Caroline Desbiens, Université Laval; Graeme C. Wynn, University Of British Columbia

5215. Governing Technologies I: Representation, Participation, and Governance in the 'Digital Age' II (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)*Room:* Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Matthew W. Wilson, University of Washington; Kevin Ramsey, University Of Washington

CHAIR(S): Kevin Ramsey, University Of Washington

10:10 Jeremy Crampton*, Georgia State University, *MoveOn.org, Blogs and the New Progressive Cartographies of Politics.***10:30** Jacob J. Peters*, University of Southern California, *Thinking Code: reading the limits of difference?.***10:50** Sarah Starkweather*, University of Washington, *The persistence of paper: voting from abroad in "the digital age".***11:10** Sam Kinsley*, University of Bristol, *Laying claim to technological futures - does anticipation foment control? Exploring the case of ubiquitous computing development.***11:30** Matthew W. Wilson*, University of Washington, *Technoscientific subjectivation: Theorizing the use of geographic information technologies.***5216. Built Forms and Migrant Mobilities in Cities II (Sponsored by Urban Geography Specialty Group)***Room:* Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Ayona Datta, London School of Economics

CHAIR(S): Eduardo Ascensão, King's College London

10:10 Ryan Centner*, University of California, Berkeley, *Re-building transnational practices in Buenos Aires: Boom as a place in a time of bust.***10:30** Llerena Searle, PhD Candidate*, University of Pennsylvania, *Migration, Mobility, and the Production of Urban Space in India.***10:50** Melissa M. Fernandez, PhD Candidate*, The London School of Economics and Political Science, *Activism, Mobility, and Home: Study of a Public Housing Project in San Juan, Puerto Rico.***11:10** Choon-Piew Pow*, National University of Singapore, *Transnational Elite Enclave in Singapore.*

Discussant(s): Elizabeth Chacko, The George Washington University

5217. Glacial Landscapes, Glacier Variation and Paled-Environmental Reconstruction*Room:* Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Peter Scull

10:10 BJ Arnold*, Kent State University, *Using non-invasive methods to determine the paleohydrology of the Chautauqua Tunnel Valley Network, NW Pennsylvania.***10:30** Kakoli Saha, PhD student*, Kent State University, *Comparative Study between drumlins manually extracted from topographic map and object-oriented classification from DEMs.***10:50** Patricia Heiser*, University of Alaska Fairbanks; Nancy H Bigelow, University of Alaska Fairbanks, *Integrated Records of Holocene Landscape Evolution in Southwest Alaska.***11:10** Michael P. Bishop, Ph.D., University of Nebraska at Omaha; Umesh K. Haritashya, Ph.D., University of Nebraska at Omaha; Henry N.N. Bulley, Ph.D., University of Nebraska at Omaha, *Batura Glacier Fluctuations in Karakoram Himalaya.***11:30** Peter Scull*, Colgate University, *Using Fuzzy-k Means to Differentiate Potential Source Areas of Loess in Wisconsin.***5218. Our AAG Journals: Results of the Spring, 2008 Survey***Room:* Grand Ballroom Salon C, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Carol P. Harden, University of Tennessee

CHAIR(S): Carol P. Harden, University of Tennessee

Panelists: Wilbur Zelinsky, Pennsylvania State University; Mei-Po Kwan, Ohio State University; Audrey L. Kobayashi, Queen's University

5219. Subterranean Political Ecologies in Latin America II (Sponsored by Conference of Latin Americanist Geographers, Cultural and Political Ecology Specialty Group, Latin America Specialty Group)*Room:* Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Jeffrey Bury, University of California, Santa Cruz

CHAIR(S): Kenneth R. Young, University of Texas at Austin

10:10 Thomas A. Perreault*, Syracuse University, *Producing Territory: Natural Gas, indigeneity, and the Spatial Logics of Neoliberalism.*

SATURDAY, APRIL 19

10:10 AM – 11:50 AM

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10:30 Catherine Ross*, Fletcher School of Law and Diplomacy, *Shifting the lay of the land? Extractive Industries, Governance and Civil Society Mobilization in the Andes.*

10:50 Derrick Hindery*, University of Oregon (International Studies and Geography), *Social Mobilization in the Context of Socioenvironmental Impacts of Bolivian Gas Pipelines.*

11:10 Anthony J Bebbington*, University of Manchester; Denise Humphreys Bebbington, University of Manchester, *Anatomies of conflict: social protest, territorial change and the political economy of extractive industries in Peru, Ecuador and Bolivia.*

Discussant(s): Jeffrey Bury, University of California, Santa Cruz

5220. Visualization: Viewing Data in New Ways

Room: Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeremy White, University of Wisconsin

10:10 Paddington Hodza*, University of Colorado, Colorado Springs; Trevor Harris, West Virginia University, *Usability evaluation of a geocollaborative, immersive visualization and mapping environment.*

10:30 Roberta Williams*, University of North Carolina, Greensboro, *American Bird's Eye Views: Cartographic Portrayals of Place, Time, and Expectation.*

10:50 Tonny Oyana*, Southern Illinois University, *GIS for visualization and analysis of broadband infrastructure in Southern Illinois.*

11:10 Cheng Liu, Dr.*, Oak Ridge National Laboratory; James J. Nutaro, Dr., Oak Ridge National Laboratory; Budhendra L Bhaduri, Dr., Oak Ridge National Laboratory, *High Resolution Visualization in Geographic Information Science/Transportation (GIS/T).*

11:30 Jeremy White*, University of Wisconsin, *Visualizing Additional Data in the Z-Axis of a Dot Density Map.*

5221. Geography of International Policies

Room: Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christopher Stanley Gorsek, Mount Hood Community College

10:10 Richard Perkins*, Department of Geography and Environment, London School of Economics and Political Science (LSE); Eric Neumayer, Department of Geography and Environment, London School of Economics and Political Science (LSE), *Extra-territorial interventions in conflict spaces: Explaining the geographies of post-Cold War peacekeeping.*

10:30 Miguel De Oliver, Ph.D.*, University of Texas at San Antonio, *Imperial Democracy, Imperial Rhetoric, and the Emerging Democratic World Order.*

10:50 Elizabeth Vaughan, Ph.D.*, Ball State University, *U.S. Sugar Policy in the Age of Terrorism.*

11:10 Edward Ramsamy*, Rutgers University, *The World Bank and Shifting Conceptions of Development.*

11:30 Christopher Stanley Gorsek, Ph.D.*, Mount Hood Community College/University of Portland, *A Reevaluation of US Policy in South and Southwest Asia: The Need for Positive Peace.*

5222. Political Geography

Room: Grand Ballroom Salon G, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Julien Mercille, UCD

10:10 Mark Long*, College Of Charleston, *The political science of national identity.*

10:30 Davin Hall*, University of Cincinnati, *Contestations of Neoliberalism: An argument of complacency.*

10:50 Linda Lobao*, The Ohio State University, *The Local State in an Era of Neoliberalism: Economic Development, Public Service Provision and Spatial Inequality.*

11:10 Julien Mercille*, UCD, *From critical geopolitics to radical geopolitics.*

5223. Wildfires in a changing environment - Recent Observations (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Remote Sensing Specialty Group)

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Beth Hall, University of New Hampshire;

Crystal Kolden, Clark University

CHAIR(S): Beth Hall, University of New Hampshire

10:10 John Rogan*, Clark University; Marco Millones, Clark Graduate School of Geography; Crystal Kolden, Clark Graduate School of Geography; Laura Schneider, Rutgers, The State University of New Jersey; Billie Turner II, Clark Graduate School of Geography, *Characterizing Fire Dynamics in the Southern Yucatán Region Using MODIS Active Fire (MOD-4) Data.*

10:30 Stephen J. Stadler*, Geography Department, Oklahoma State University; Phillip Bothwell, NOAA, Storms Prediction Center; Allen Finchum, Geography Department, Oklahoma State University; Bruce Battles, Geography Department, Oklahoma State University; Rabin Robert, NOAA, National Severe Storms Laboratory; Elain Prins, NOAA, Cooperative Institute for Meteorological Satellite Studies, *Oklahoma Geography: Atmosphere, Humans, and Vegetation.*

10:50 Jason S. Sibold*, Dendrolab, Department of Geography, U. of Nevada; Franco Biondi, Dendrolab, Department of Geography, U. of Nevada, *The role of ignitions in the occurrence of wildfire in forest ecosystems of the Great Basin.*

11:10 Crystal A Kolden*, Clark University; John Rogan, PhD, Clark University, *Spectral unmixing of MODIS pixels to derive burn severity: an alternative approach to Landsat-derived dNBR.*

5224. Urban Geography in Asia

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Pariwate Varnakovidia

10:10 Lanchih Po*, Institute of International and Areas Studies, UC Berkeley, *Property Rights Reforms and Changing Grassroots Governance in China's Urban-Rural Peripheries: The Case of Changping District in Beijing.*

10:30 Chi-Mao Wang, Ph.D. Student*, Department of Geography, National Taiwan University; Sue-Ching Jou, Department of Geography, National Taiwan University, *An Emerging Global City? A Real Estate Perspective.*

10:50 Pariwate Varnakovidia*, Michigan State University; Joseph P. Messina, Michigan State University; Igor Vojnovic, Michigan State University, *Sustainable Development and self sufficiency: The case study of urban and rural of Thailand.*

SATURDAY, APRIL 19**10:10 AM – 11:50 AM****5200****5225. Mexico: Economical and Political Geography****Room:** Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Patricia Olivera, Universidad Nacional Autonoma De Mexico

10:10 Eric Samson*, Texas State University-San Marcos, Mayan Esteem Project, *Environmental parity of official and autonomous municipios in Zapatista Chiapas, Mexico.***10:30** Richard Hunter*, Louisiana State University, *Untangling and reweaving narratives of degradation: Landscape change in early-colonial central Mexico.***10:50** Lourdes De Ita, PhD*, Universidad Michoacana De San Nicolas De Hidalgo, Morelia, Mexico, *Mexico City, Veracruz and Acapulco in the "First World System" Transoceanic Colonial Trade.***11:10** Patricia Olivera*, Universidad Nacional Autonoma de Mexico, *New corporative centers in Mexico City.***5226. The politics of social reproduction: revolutionary or not? (Sponsored by Political Geography Specialty Group)****Room:** Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Peter Hossler, University of Georgia

CHAIR(S): Peter Hossler, University of Georgia

10:10 Nina Martin*, University of Illinois at Chicago, *Shadow State, Shady Economy: The Role of Nonprofit Organizations in the Social Reproduction of the Migrant Workforce.***10:30** Sally Turner*, York University, *Non-Profit Housing Provision in Ontario: The Paradox of Self-Sufficiency.***10:50** Tony Sparks*, University of Washington, *Governing the Homeless in the age of "compassion": Homelessness, Citizenship and Seattle's Tent City.***11:10** Peter Hossler*, University of Georgia, *The Birth of the Free Clinic: Neoliberalism and the Penetration of Corporate Medicine.*

Discussant(s): Cindi Katz, CUNY Graduate Center

5227. Phenological Studies in Wisconsin (Sponsored by Climate Specialty Group)**Room:** Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Mark D. Schwartz, University Of Wisconsin - Milwaukee

CHAIR(S): Mark D. Schwartz, University Of Wisconsin - Milwaukee

10:10 Liang Liang*, Geography Department at UW-Milwaukee; Mark D. Schwartz, Geography Department at UW-Milwaukee, *Tracking Satellite Phenology with Intensive Surface Observations.***10:30** Jonathan M Hanes*, University of Wisconsin-Milwaukee; Mark D Schwartz, University of Wisconsin-Milwaukee, *Connecting Surface-Atmosphere CO2 Exchange with Spring Phenology in a Northern Mixed Forest.***10:50** Rong Yu*, University of Wisconsin, Milwaukee; Mark D Schwartz, University of Wisconsin, Milwaukee, *Intensive Phenological Monitoring in an Urban Woodlot.***11:10** Mark D. Schwartz*, University Of Wisconsin - Milwaukee; Rong Yu, University of Wisconsin - Milwaukee, *Exploring the use of spatially intensive autumn phenological observations.*

Discussant(s): Mark D. Schwartz, University Of Wisconsin - Milwaukee

5228. Biotechnology and the Emerging Bioeconomy**Room:** Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Marshall Feldman, University Of Rhode Island

10:10 Kathrine E. Richardson, Ph.D.*, University of British Columbia, *What Really Lures and Retains the Creative Class? A Case Study of the Foreign and Domestic Highly Skilled in the Vancouver Biotechnology Sector.***10:30** Rocky Graziano Bilotta*, ETSU; Ke Chen, ETSU; Ting-Heng Chu, ETSU, *Temporal Changes in the Spatial Distribution of Venture Capital Investments to Biotechnology Companies in the United States.***10:50** Kean Birch*, University of Glasgow, *Knowledge, Place and Power in Life Science Commodity Chains.***11:10** Jae-Youl Lee*, University of Wisconsin - Madison, *The role of philanthropy sector in advancing biomedical science-cum-industry in Madison, Wisconsin.***11:30** Marshall Feldman, PhD*, University Of Rhode Island, *Biotechnology's Potential for Regional Economic Development: Is BT the New IT?.***5229. Mainstreaming young people's geographies (Sponsored by Cultural Geography Specialty Group)****Room:** Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Catherine Alexander, Durham University;

Peter E Hopkins, Newcastle University, UK

CHAIR(S): Peter E Hopkins, Newcastle University, UK

10:10 Tracey Skelton*, National University of Singapore, *Taking young people's geographies in the globalized present seriously: opening the borders of political geography.***10:30** Kathrin Hoerschelmann*, University of Durham, U.K., *Populating the landscapes of critical geopolitics - Young people's responses to the Wars in Afghanistan (2001) and Iraq (2003).***10:50** Peter Krafl*, University of Leicester; John Horton, The University of Northampton, *The problem of Children's Geographies.***5230. Medical Geography in the Urban Setting****Room:** Orleans Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Lipton, Prevention Research Center

10:10 Ranjana Chakrabarti*, University of Illinois-Urbana Champaign, *Therapeutic networks of prenatal care: Bengali immigrant women in New York City.***10:30** Dana R. Thomson*, Student, George Washington University, *Spatiality of Race and HIV/AIDS in Washington, DC.***10:50** Monique N Hernandez, M.A.*, University of Miami, *A Spatial Analysis of Colorectal Cancer in Miami-Dade County.***11:10** Robert Lipton, PhD, MPH*, Emergency Medicine, Beth Israel Deaconess Medical Center, *The Geography of Alcohol Related Problems in Boston.***5231. GIS in health, sustainability, and community histories (Sponsored by Geographic Information Science and Systems Specialty Group)****Room:** Yarmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Sarah Elwood, University of Washington

CHAIR(S): Timothy Aaron Stiles, University of Washington

10:10 Timothy Aaron Stiles*, University of Washington, *Technologically constructing Nature & Naturally constructing Technology: Relationships between Geospatial Information Technology and Sustainability within the Private-sector.*

SATURDAY, APRIL 19

10:10 AM – 11:50 AM

5200

- 10:30** Kirsten Margaret Meredith Beyer, MPH*, University of Iowa, *The Lessons of Snow: a call for translational health geography.*
- 10:50** Simon Wright*, California State University Long Beach, *Visualizing the Japanese American Internment Experience: Weaving Emotional Geographies into a GIS Environment.*
- 11:10** Liang Mao*, SUNY - Buffalo; Ling Bian, SUNY-Buffalo, *Effects of network structure on vaccination strategies for infectious diseases.*

5232. Africa: Political*Room: Falmouth Room, Marriott, 4th Floor (Paper Session)*

- ORGANIZER(S): Program Committee
CHAIR(S): Jon D Unruh, McGill University
- 10:10** Calvin O. Masilela*, Indiana University of Pennsylvania, *Zimbabwe a Failed State? Causes and Future Prospects.*
- 10:30** John Lauerma*, University of Wisconsin-La Crosse, *Amazigh Nationalism in the Maghreb.*
- 10:50** Luca Muscarà*, Università del Molise, *Somalia: From the Rhetoric of Fighting Terrorism to the Iraqization of a Failed State.*
- 11:10** Elizabeth Lunstrum*, York University, Dept. of Geography and Centre for Security Studies, *"Civil" War and the Deterritorialization of Mozambique: State Making, State Unmaking, and Landscapes of Violence.*
- 11:30** Jon D Unruh, PhD*, McGill University, *The legal geography of postwar land tenure in Liberia and Sierra Leone.*

5233. Approaches to Hazards and Risks Around the World*Room: Vineyard Room, Marriott, 4th Floor (Paper Session)*

- ORGANIZER(S): Program Committee
CHAIR(S): Charles J. Kelly, The Cuny Center
- 10:10** Jerry T. Mitchell, PhD*, University of South Carolina, *Hazards and Academic Standards: What is Mandated in New England?.*
- 10:30** Dorothy C. Ibes*, Texas State University, *Post-disaster parks: opportunities and obstacles.*
- 10:50** Kevin A. Borden*, University of South Carolina, *Vulnerability Before, Mortality After? Investigating the Geographical Relationship between Social Vulnerability and Hazard Mortality.*
- 11:10** Arvind S. Susarla*, Texas A&M University, *Places of Devastation or Opportunities? Examining role of blaming in recovery of places affected by hazards.*
- 11:30** Charles J. Kelly*, The Cuny Center, *Keeping it Realistic: Simple Geographic Approaches to Risk Assessment.*

5234. Changes in the Air: Three Decades of Airline Industry Liberalization (Sponsored by Transportation Geography Specialty Group)*Room: Maine Room, Marriott, 5th Floor (Paper Session)*

- ORGANIZER(S): John Bowen, University of Wisconsin-Oshkosh; Brian Graham, University Of Ulster
CHAIR(S): John Bowen, University of Wisconsin-Oshkosh
- 10:10** Andrew R. Goetz*, University Of Denver; Timothy M Vowles, Colorado State University, *The Good, the Bad, and the Ugly: Thirty Years of US Airline Deregulation.*
- 10:30** Timothy Vowles*, Colorado State University; Andrew Goetz, University of Denver, *The Influence of Secondary Airports On Fares And Markets In The United States.*
- 10:50** Brian Graham*, University Of Ulster; Lucy C.S. Budd, Loughborough University, *The new geographies of global business air travel.*

- 11:10** Tony H. Grubestic*, Indiana University; Timothy C Matisziw, The Ohio State University; Matthew A Zook, University of Kentucky, *Seasonal Fluctuations in Airline Network Hierarchies.*
- 11:30** Ben Derudder*, Ghent University; Nathalie Van Nuffel, Ghent University; Frank Witlox, Ghent University, *Measuring hierarchical differentiation in the European airline network after deregulation: an empirical analysis based on air passenger flows.*

5235. Russian borders imagined and enacted through migration (Sponsored by Russian, Central Eurasian, and East European Specialty Group)*Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)*

- ORGANIZER(S): Beth Mitchneck, University of Arizona
CHAIR(S): Timothy Edmund Heleniak, University of Maryland
- 10:10** Svetlana Lebedeva*, Voronezh State University, *The Russian-Ukrainian Border and Its Role in Migration Processes Regulation in Central Blacksoil Region.*
- 10:25** Dmitry Poletaev*, *Educational Migration to Russia.*
- 10:40** Nataliya Ryzhova*, *Peculiarities of the Adaptation of the Transmigrants in the "Twin-Cities" Blagoveshchenk and Heihe.*
- 10:55** Tamara Troyakova*, Far Eastern State University, *Migration Situation in Primorskiy Kray: In a Search of Stability.*
- 11:10** Larisa Yemeliyanova*, Immanuel Kant State University of Russia, Kaliningrad, *Place of Kaliningrad Exclave in Russian and Baltic Sea Region Migration Processes.*
- Discussant(s): Alexander C. Diener, Pepperdine University

5236. Migration and Gender*Room: Vermont Room, Marriott, 5th Floor (Paper Session)*

- ORGANIZER(S): Program Committee
CHAIR(S): Margo Kleinfeld, University of Wisconsin - Whitewater
- 10:10** Maria Andrea Medina Soco, Ms*, National University of Singapore, *'Return' Filipino Migrant Domestic Workers as Cosmopolitan: Implications for Reintegration.*
- 10:30** Léonie S Newhouse, Msc*, University of Washington, *Feminism or Islamophobia? Gender, Asylum and Islam in France and the Netherlands.*
- 10:50** Suzanne Huot, PhD student*, The University of Western Ontario; Belinda Dodson, PhD, The University of Western Ontario; Debbie Laliberte Rudman, PhD, OT Reg. (ON), The University of Western Ontario, *The Intersections of Place, International Migration, and Occupation.*
- 11:10** Elizabeth Sweet*, University of Illinois Urbana Champaign, *Latina Economic Empowerment in the Context of Gender Violence: A Framework and Preliminary Results.*
- 11:30** Margo Kleinfeld*, University of Wisconsin - Whitewater, *Narratives of Migration Gone Wrong: Multi-sited Practices of State and the Case of Human Trafficking.*

5237. Emerging rural landscapes: Landscapes of work and privilege (Sponsored by Rural Geography Specialty Group)*Room: Massachusetts Room, Marriott, 5th Floor (Paper Session)*

- ORGANIZER(S): Susannah R. McCandless, Clark University and University of Vermont; Tom Young, University of Toronto
CHAIR(S): Kirsten Valentine Cadieux, University of Toronto
- 10:10** Laura Taylor*, University of Toronto, *Local politics and the global environmental imagination.*

SATURDAY, APRIL 19**10:10 AM – 11:50 AM****5200**

10:30 Tom Young*, University of Toronto, *Getting behind the Working Landscape: uneasy coalitions in northern Vermont.*

10:50 Susannah R. McCandless*, Clark University and University of Vermont, *Spaces of fear and security: Migrant farmworkers in Vermont's conserved landscape.*

11:10 Katharine Anderson*, University of Vermont, *Creating and consuming therapeutic landscapes: A geography of herbalism in Vermont.*

Discussant(s): Cheryl Morse Dunkley, University of Vermont

5238. Communicable, Infectious, and Other Diseases - Medical Geography

Room: St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nancy Lewis, East-West Center

10:10 Anne G Gatewood, MPhil*, Yale University School of Medicine; Kelly A Liebman, MPH, University of California Davis; Roland Geerken, PhD, Yale University; Sarah A Hamer, MS, Michigan State University; Jean Tsao, PhD, Michigan State University; Graham Hickling, PhD, University of Tennessee; Uriel Kitron, PhD, University of Illinois at Urbana-Champaign; Alan Barbour, PhD, University of California Irvine; Durland Fish, PhD, Yale University School of Medicine; Maria A Diuk-Wasser, PhD, Yale University School of Medicine, *Is Climate the Key to More Lyme Disease in the Northeast vs the Midwest?.*

10:30 Semiha Caliskan*, Department of geography and Center for Spatial Analysis at University of Oklahoma; May Yuan, Department of geography and Center for Spatial Analysis at University of Oklahoma; Helene Carabin, The University of Oklahoma Health Sciences Center, *GIS Analysis of Schistosomiasis Transmission in West Samar, the Philippines.*

10:50 Elia Axinia Machado*, Clark University, *Climate variability and dengue in Mexico: Towards a climate-based Early Warning System?.*

11:10 Nancy Davis Lewis, PhD*, East-West Center, *Partnering to Link Demographic and Environmental Change and Emerging Infectious Disease.*

11:30 Ling Bian*, Department of Geography, University at Buffalo, *Modeling from individuals to populations for dispersion of communicable diseases.*

5239. Air Pollution Impacts on Health

Room: St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sudip Chatterjee

10:10 Todd J Schuble, M.S.*, University of Chicago, Committee on Geographical Studies; James W Rhee, M.D., University of Chicago, Dept. of Emergency Medicine; Terry L Vanden Hoek, M.D., University of Chicago, Dept. of Emergency Medicine, *Temporal-spatial modeling of particulate matter exposure using G.I.S..*

10:30 D. Odwa Atari*, University of Western Ontario, Canada; Isaac Luginaah, University of Western Ontario; Iris Xu, University of Windsor, Ontario, Canada; Karin Fung, *Association between estimated ambient air pollution and health effects in Sarnia, "Chemical Valley", Ontario.*

10:50 Hoe Hun Ha*, SUNY - Buffalo, *Analyzing Links between Pollution Exposure to Socio-demographic Characteristics and Lung/Bronchus Cancer in Erie and Niagara Counties, New York.*

11:10 PENG YU*, The University of Hong Kong, *Air Pollution and Respiratory Disease Incidences of Guangzhou in 2004: A Study of Spatial Interpolation Methods using GIS.*

11:30 Sudip Chatterjee*, PhD candidate; Dr. Esra Ozdenerol, Professor, *Does Air Pollution or Crime Play Any Significant Role on Infant Mortality in Shelby County Tennessee? A Multilevel Modeling Study..*

5240. Business Geography

Room: St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard P. Greene, Northern Illinois University

10:10 Christopher D. Storie*, Winthrop University, *Towards a New Typology of Commercial Structure: An Analysis of Three Urban Environments.*

10:30 Thomas A. Hutton, Dr (DPhil)*, University Of British Columbia, *New Industry Formation and the Reconfiguration of Urban Space.*

10:50 Sriram Khe, PhD*, Western Oregon University, *The paradoxical growth of new homes and self-storage.*

11:10 Richard P. Greene*, Northern Illinois University; Jerry Platt, University of Redlands, *A GIS Analysis of the Inland Empire's Industrial Geography: Focus on Small Business Dynamics.*

5241. Creating an Urban Identity

Room: St. George D, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark A. Hummer

10:10 Mervi Ilmonen*, Helsinki University of Technology (HUT), *Building an Identity or Selling a City: The Case of the City of Helsinki.*

10:30 Tsung-Yi Michelle Huang*, Dept. of Geography, National Taiwan University, *Articulating Cross-Border Identity of Global City-Regions: Representations of Trans-regional Underclass in Hong Kong.*

10:50 Vanessa Mathews*, University of Toronto, *Naming Space: Framing the Distillery District as Art and History.*

11:10 Mark A. Hummer*, University of Kansas, *Salt Lake City: A Tale of Two Urban Cultures.*

5242. Cities and War

Room: Essex North-West, Westin, 3rd Floor (Panel Session)

ORGANIZER(S): Björn Surborg, University of British Columbia; Bob Catterall

CHAIR(S): Björn Surborg, University of British Columbia

Introducer: Björn Surborg

Panelists: Stephen Graham, Durham University; Simon Parker, University Of York, UK; Sharon Meagher, The University of Scranton; Bob Catterall; Michael Schwartz, Stony Brook University

5243. Food Security

Room: Essex North-East, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anna Carla Lopez, San Diego State University

10:10 Francis Davenport*, University of CA Santa Barbara, *Analyzing Spatial Relationships between Poverty and Food Security in Guatemala.*

10:30 John Onu Odihi, PhD*, Universiti Brunei Darussalam, *Is Urban Nigeria (Under)developing? The Food, Water and Energy Security Test.*

10:50 Nathaniel D. Aguda*, Queen's University, *Food Traders in an African City: Feeding the City or Making Ends Meet?.*

SATURDAY, APRIL 19

10:10 AM – 11:50 AM

5200

- 11:10** James K Eshun, Ph.D.*, University of Cape Coast, *Gender Dimensions of Urban Poverty in a Developing Country: The Case of Cape Coast in the Central Region of Ghana.*
- 11:30** Anna Carla Lopez*, San Diego State University, *Spatial, environmental and gender based factors affecting urban household food security in Accra, Ghana.*
- 5244. The Global Racialization of Risk (Sponsored by Urban Geography Specialty Group)**
Room: Essex North-Center, Westin, 3rd Floor (Paper Session)
 ORGANIZER(S): Katharyne Mitchell; Elvin K. Wyly, University of British Columbia
 CHAIR(S): Katharyne Mitchell
10:10 Kathe Newman*, Rutgers University, *Liquidity Crises.*
10:30 Philip Ashton*, University of Illinois-Chicago, *States of Emergency: Financial Fragility, Minority Borrowers & Toxic Risk.*
10:50 Ruth Wilson Gilmore*, University of Southern California, *Differential Alignments: Left action.*
11:10 Elvin K. Wyly*, University of British Columbia, *Glocal Racial Formations: Subprime Mortgage Capital and American Racial Inequality.*
- 5245. Immigration through many lenses: Contemporary research on immigration in geography**
Room: Staffordshire, Westin, 3rd Floor (Panel Session)
 ORGANIZER(S): Monica Varsanyi, Arizona State University; Mathew Coleman, Ohio State University
 CHAIR(S): Monica Varsanyi, Arizona State University
 Panelists: Jennifer Hyndman, Syracuse University; Patricia Ehrkamp, University of Kentucky; Helga Leitner, University of Minnesota - Minneapolis; Richard A. Wright, Dartmouth College; Alison Mountz, Syracuse University; Wei Li, Arizona State University; Anita Drever, University of Tennessee; Lynn Staeheli, University of Edinburgh; Rachel Silvey, U. of Toronto; Michael Samers, University Of Nottingham
- 5246. Historical Climate Networks & Qualitative Dimensions of Climate Change**
Room: Parliament Room #1, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): David Jaroszweski, University of Birmingham
10:10 Glen Conner*, Western Kentucky University, *History of Climate Observation Times: The Search for the Daily Mean.*
10:30 Karsten A. Shein, Ph.D.*, National Climatic Data Center, *A geographic analysis of spatial quality control of the NOAA COOP weather network.*
10:50 Mark Francek*, Central Michigan University, *Misconceptions regarding climate change: a literature review.*
11:10 Kent Butts*, US Army War College, *DOD Role in Addressing Climate Change.*
11:30 David John Jaroszweski*, University of Birmingham, *Stakeholder involvement in future forecasting for the assessment of climate change impacts on the UK's road freight sector.*
- 5247. Geographies of International Adoption II (Sponsored by Population Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)**
Room: Empire Room #6, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Alec Brownlow, DePaul University
 CHAIR(S): Todd Lindley
10:10 Elise Marie Prebin*, Harvard Korea Institute, *Identity Inside Out: South Korea and Its Margins.*
10:30 Alix L Little, MA Candidate*, University of Victoria, *Adoptive Parents and the Creation of Social Networks, Belonging, and Cultural Identity in British Columbia.*
10:50 Linda J Seligmann, Prof*, George Mason University, *Place-Making and Identity Formation in Transnational and Transracial Adoption.*
11:10 Lynn Horridge, PhD Candidate, Anthropology*, City University of New York Graduate Center, *Family and Insecure Spaces: Queer Parents and the Adoption of Non-Biological Children from Guatemala and the United States.*
 Discussant(s): Caroline Nagel, University of South Carolina
- 5248. Water and Development: A Fluid Relationship II: Global discourses of water management (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group)**
Room: North Star Room #10, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Farhana Sultana, King's College London; Jessica Budds, The Open University
 CHAIR(S): Farhana Sultana, King's College London
10:10 Chris Sneddon*, Dartmouth College, *The Globalization of Large Dams: The United States, the Third World, and the Geopolitics of Development, 1935-1975.*
10:30 Philip Woodhouse*, School of Environment and Development, University of Manchester, *Development and the 'water crisis': implications for best practice 'consensus'.*
10:50 Rachael McDonnell*, University of Oxford; Owen Horwood, University of Oxford; Goranij Nonejui, University of Oxford, *Knowledge, Power and Policy Making Under Changing Water Governance Structures.*
11:10 Olivier Graefe*, University of Fribourg, *Water and development from a critical theory perspective.*
 Discussant(s): Carl J Bauer, University of Arizona
- 5249. Remote Sensing of the Environment 2**
Room: Defender Room #5, Westin, 7th Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Eman Ghoneim, Boston University
10:10 Kuo-Chen Chang, Dr.*, National Taiwan Normal University; Kevin Chen, National Taiwan Normal University, *Applying FORMOSAT-2 Imagery in 2007 San Diego Wildfire Monitoring and Mitigation.*
10:30 Jian Yang*, University of Missouri; Hong S He, University of Missouri; Stephen R Shifley, USDA Forest Service, Northern Research Station, *Spatial Controls of Occurrence and Spread of Wildfires in the Central Hardwood Forests of the Missouri Ozark Highlands.*
10:50 Shriram Ilavajhala*, University of Maryland; Diane Davies, University of Maryland, *Mobile Alerting of Global Wildfires in Near Real-Time.*
11:10 Diane Davies*, University of Maryland, *Delivery and uptake of satellite-derived fire information: lessons learned, current and future trends.*
11:30 Eman Ghoneim*, Boston University; Farouk El-Baz, Boston University, *The Kufra Mega-Paleoriver System: Possible main source of the Great Sand Sea, eastern Sahara.*

SATURDAY, APRIL 19**10:10 AM – 11:50 AM****5200****5250. New Cartography and Database Construction and Implementation***Room: Adams Room #2, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): David B. Miller, National Geographic Society

10:10 Marc J. Perry*, U.S. Bureau Of the Census, *Introducing the Census Atlas of the United States.***10:30** Gaurav Sinha*, University at Buffalo, *Detection and Delineation of Topographic Eminences.***10:50** Shin-yi Hsu*, SUNY - Binghamton, *VTM: Virtual Transverse Mercator Projection.***11:10** David B. Miller*, National Geographic Society, *National Geographic and the New Cartography.***5255. What's in your water? Water Quality and Soil Contamination***Room: Beacon A, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Hillary Hamann, University of Colorado at Colorado Springs

10:10 Kyle Juracek*, U.S. Geological Survey, *Sediment Quality: Importance, Variability, and Human Effects.***10:30** Johan Liebens*, Department of Environmental Studies, University of West Florida; Carl J. Mohrher, Center for Environmental Diagnostics and Bioremediation, University of West Florida; Krothapalli R. Rao, Center for Environmental Diagnostics and Bioremediation, University of West Florida, *Trace metal pollution of soils in public places in a medium-size city.***10:50** Taesoo Lee*; Balaji Narashimhan; Raghavan Srinivasan, Director, Spatial Science Laboratory, Texas A&M University, *Comprehensive watershed modeling and estimating the impacts of BMPs using SWAT in Eagle Mountain Watershed, TX.***11:10** Hillary B Hamann*, University of Denver, *Hydrochemical leaching of wildfire ash from the Mato Vega, CO fire.***5256. Issues and Composition of Soil Moisture and Ground Water***Room: Beacon B, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Brandon Whitehead, Minnesota State University, Mankato

10:10 Frederick B Bradley*, University of South Florida; Barnali Dixon, PhD, University of South Florida St. Petersburg; Julie Earls, MS, University of South Florida, *Using RUSLE to Investigate the Watershed Source-Sink Relationship of CDOM.***10:30** Jon Belanger, PhD Candidate*, University of Guelph; Aaron A. Berg, PhD, University of Guelph, *Characterizing controls on soil moisture variability.***10:50** Shahram Khosrowpanah, Professor of Civil Engineering*, University of Guam; Michael Park, Research Assistant, University of Guam, WERI, *Identifying the optimum land coverage practices for reducing soil erosion in southern Guam's watersheds using a newly developed GIS based erosion potential model.***11:10** Filmon Tsegay Fisseha*, Graduate Student, *Distribution of Fluoride in Groundwater in Selected Villages in Eritrea.***11:30** Brandon P. Whitehead, M.S. *, Minnesota State University, Mankato, *GIS Based Analysis of Groundwater Mining in the Sothern High Plains (Ogallala) Aquifer.***5257. Erosion, Stream Channel Change, and Sedimentation***Room: Beacon D, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): John V. Ward, University of Wisconsin-Parkside

10:10 Bettina Martinez-Hackert, Dr. *, SUNY College At Buffalo; Marcus Bursik, Dr., SUNY at Buffalo, *Wildfire Impact on Cinder Cone Degradation in a Semiarid Climate: Event and Decade Scale.***10:30** Joan Estrany*, University Of The Balearic Islands; Celso Garcia, University Of The Balearic Islands, *Using Cs-137 Measurements in Soil Cores to Assess Erosion and Deposition Rates in Na Borges Basin Slopes (Mallorca, Spain).***10:50** Puckett James*, Syracuse University; Peng Gao, PhD, Syracuse University, *Managing erosion at the subwatershed scale: Using GIS to spatially enable land use planning.***11:10** Jitendra Bal Sharma*, Gainesville State College, *Non-Point Erosion and Sediment Modeling in the Lake Lanier Watershed.***11:30** John V. Ward, Ph.D. *, University of Wisconsin-Parkside, *Land Cover, Drainage Basin Morphometry, and Stream Channel Change in the Illinois River Basin NW Arkansas, 1941-2004.***5258. Ecotourism: Latin America and Caribbean***Room: Beacon E, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sheere Brooks, CASE and STICERD

10:10 Brett Sylvester Matulis*, Western Washington University, *Dialogue, Negotiation, and Struggle: Ecotourism on the Osa Peninsula, Costa Rica.***10:30** Jennifer Louise Hill*, University of the West of England, Bristol, UK, *Enabling ecotourism: A critical case study of principles, challenges and achievements from Tambopata, south-eastern Peru.***10:50** Laura Alexandra Frye-Levine*, Yale University Masters Candidate in Environmental Science, *Essentially contested imperatives: Village livelihood in Cusuco National Park, Honduras..***11:10** Yuliya Shmidt*, Yale University, School of Forestry and Environmental Studies, *Struggling for Power Through Dialogues of Nature in Tikal National Park, Guatemala.***11:30** Sheere Brooks*, London School of Economics & Political Science, *"You scratch my back and I'll scratch yours!" The convergence between civil society and tourism stakeholders in the governance of the 'tourism space' in Jamaica.***5259. Transportation, Planning, and Urban Form***Room: Beacon F, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Elmer Tosta

10:10 Jieping Li*, Boston University; Joan Walker, Boston University; Sumeeta Srinivasan, Harvard University, *Modeling Private Auto Ownership in China: Investigating the Impact of Urban.***10:30** Antònia Casellas*, Universitat de Lleida; Carme Bellet, Universitat de Lleida; Pilar Alonso, Universitat de Lleida, *Socioeconomic and spatial effects of the high-speed railway system on middle-size cities: the case of Segovia (Spain).***10:50** Hanna Maoh, Dr. *, McMaster University; Pavlos Kanaroglou, Dr., McMaster University, *Evaluating Smart Growth Strategies and Urban Sustainability with Simulations: Evidence from Halifax, Nova Scotia.*

SATURDAY, APRIL 19

10:10 AM – 11:50 AM

5200

11:10 Pere Suau*, Universitat Autònoma Barcelona; Michael Droß, Munich University of Technology; Bart de Jong, Universiteit Utrecht, *Reflecting on Planning Policies in the Airport Regions of Amsterdam, Barcelona and Munich. Showing the Potential of the Relational Planning Approach.*

11:30 Elmer Tosta*, San Francisco State University, *Parking and re-gentrification in San Francisco's Market Octavia Neighborhood.*

5260. Build it, Map it, Web it

Room: *Beacon G, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Andrew Woodruff, University of Wisconsin - Madison

10:10 Guofeng Cao*, University of California, Santa Barbara, *Distributed GIS based on Google's MapReduce.*

10:30 Christopher Lippitt*, San Diego State University/ University of California Santa Barbara; Cristiano Giovando, San Diego State University; Charles Schmidt, Geoda Center, School of Geographical Sciences, Arizona State University, *OpenAerialMap.org: A democratization of remotely sensed imagery.*

10:50 Andrew Hudson-Smith, Dr*, University College London, *Web 2.0 and CyberInfrastructure: GeoVue Tools and Virtual Worlds for Geographic Visualisation.*

11:10 Alan McConchie*, University of British Columbia, *Web Map Mashups and Political Imaginings.*

11:30 Andrew Woodruff*, University of Wisconsin - Madison, *The Utility of Aerial Photos in Online Maps.*

5261. GIS and Urban Geography

Room: *Beacon H, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ick Hoi Kim, San Diego State University

10:10 Petra Ulrica Norlund*, Macalester College, *Affordable Housing and Employment Opportunities in the Twin Cities - A Spatial Mismatch?*

10:30 Byoungjae Lee*, Indiana State University, *Capturing Human Spatial Behavior in Urban Space.*

10:50 Tao Tang*, Buffalo State College (SUNY College at Buffalo), *GIS Spatial Analysis of Urban Airborne Particle Pollution - Beijing, China.*

11:10 Scott Orford, Lecture*, Cardiff University, *Modelling residential living space for individual properties using digital infrastructure data and remote sensing data.*

11:30 Ick Hoi Kim*, San Diego State University, *Exploring Spatial Heterogeneity in the Land Prices Function Using GWR.*

5262. Biogeography: Addressing History and Culture

Room: *Kent, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steven Jennings, University of Colorado

10:10 Jacquelyn L Gill, MS*, University of Wisconsin-Madison; Katherine B Lininger, University of Wisconsin-Madison; John W Williams, PhD, University of Wisconsin-Madison, *Were no-analog plant communities during the late Pleistocene driven in part by herbivory release following the North American megafaunal extinction?*

10:30 Roger Brown*, Columbus State University; H. Thomas Foster II, Northern Kentucky University, *Paleoenvironmental investigations of human-environment interactions in the southeastern U.S.*

10:50 Travis Tennesen*, University of Wisconsin-Madison, *The Myth of the Anthropogenic Prairie Peninsula.*

11:10 Chad S. Lane*, Lawrence University; Sally P. Horn, University of Tennessee; Zachary P. Taylor, University of Tennessee; Claudia I. Mora, University of Tennessee; Kenneth H. Orvis, University of Tennessee, *The Importance of Prehistoric Maize Cultivation in the Interior of Hispaniola.*

11:30 Steven Jennings*, University of Colorado at Colorado Springs, *Pikes Peak Forests as Cultural Landscape.*

5263. Teaching Critical Geography with Don Mitchell's "Cultural Geography": Teachers Meet the Author (Sponsored by Socialist and Critical Geography Specialty Group)

Room: *Jefferson, Sheraton, 3rd Floor* (Panel Session)

ORGANIZER(S): Richard Heyman, University of Texas at Austin

CHAIR(S): Richard Heyman, University of Texas at Austin

Discussant(s): Don Mitchell, Syracuse University

Panelists: Michael W. Longan, Valparaiso University; James Craine, California State University Northridge; Kevin Surprise, Framingham State College; Kathryn J. Besio, University of Hawaii-Hilo; RDK Herman, National Museum of the American Indian; Matt McCourt, University of Maine at Farmington; Soren Larsen, University of Missouri

5264. Agricultural Land Use Strategies

Room: *Exeter, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Erin Pratley, University of Western Ontario

10:10 Lauren Persha*, School of Public and Environmental Affairs, Indiana University, *Convergent effects of disparate anthropogenic forest disturbance patterns on afro-montane tropical forest structure and composition.*

10:30 Wilhelm Peekhaus*, University of Western Ontario, *Canada's Biotechnology Strategy: Resistance is Fertile!*

10:50 Maro Adjemian, MA*, McGill University, *Medicine from the forest: medicinal plant use and deforestation in Chikanta, southern Zambia.*

5265. Energy, Economics and the Environment

Room: *Berkeley, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Sirk, Austin Peay State University

10:10 Urs Maier*, University of Luxembourg, *Carbon lock-in in the automotive industry? Climate policy and development paths.*

10:30 Seth Baum*, Pennsylvania State University, *Discounting Explained and Refined.*

10:50 Scott Kelley*, Arizona State University, *The Energy-Water Nexus and the Colorado River Basin: Embodied Water Costs of Producing Electricity.*

11:10 Carlos E Restrepo, PhD*, Wagner School/ New York University; Rae Zimmerman, PhD, Wagner School/ New York University; Zvia Segal Naphtali, PhD, Wagner School/ New York University, *Using GIS to evaluate the distribution, concentration and level of risk posed by dams in the United States.*

11:30 Robert Sirk*, Austin Peay State University, *Popularity Preceding Practicality: Hyping Mercury-Based CFLs With Nowhere to Put Them.*

5266. Educators Look at the Environment Both Near and Far

Room: *Hampton A, Sheraton, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nancy BakerCazan, Stark County ED.SERVICE Center

10:10 Dar A Roberts*, University Of California, Santa Barbara; Christopher Still, University Of California, Santa

SATURDAY, APRIL 19**10:10 AM - 11:50 AM****5200****12:00 PM - 2:15 PM**

Barbara; Eliza Bradley, University Of California, Santa Barbara; Ted Eckmann, University Of California, Santa Barbara, *Innovative use of Environmental Data in Geographic Education.*

10:30 Koji Ohnishi*, University of Toyama, *Children's Awareness of Relationship between Their Own Town and Rice Field Landscape through the Experience of Rice Planting on the Upstream of Tenpaku River in Japan.*

10:50 Vanessa Myers*, Kent State University; Scott Sheridan, Ph.D, Kent State University, *Weather Maps in the Classroom: Stark County, Ohio.*

11:10 Colin Arrowsmith*, RMIT University; Tim Hyland, RMIT University; William Cartwright, RMIT University, *Developing a Virtual Geomorphic Atlas.*

11:30 Nancy BakerCazan*, Stark County ED.SERVICE Center; BJ Arnold, Kent State University; Tammy Hawkins, Massillon Middle School; Brenda Schloneger, Marlington Middle School; Cheri Weber, Massillon Middle School; Terri Baumgardner, Tuslaw Middle School; Chris Gross, Massillon Middle School; Mandy J Munro-Stasiuk, Kent State University, *Incorporating field experiences into the K-12 classroom: GK-12 in Iceland.*

5267. Eastern Europe

Room: Hampton B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Istvan Egresi, University of Oklahoma

10:10 Janez Berdavs, Mr.*, University of Primorska, *Local realities of European Union policies: territorial cohesion on local level in Istria.*

10:30 Lydia M. Pulsipher*, University of Tennessee; Luka Juri, Dr., Department of Geography, Primorska University, Koper, Slovenia, *Is Slovenia Likely to be a Central European Development Dud?*

10:50 Petr Dostal*, Charles University, *Post-communist transactional activities, creative class and regional development in the Czech Republic: a modelling approach.*

11:10 Istvan Egresi*, University of Oklahoma, *Foreign Direct Investment (FDI), International Trade Agreements and the Reconfiguration of the Romanian Textile, Clothing and Footwear (TCF) Industry.*

5271. Precipitation & Monsoon Variability

Room: Fairfax B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anji Seth, University of Connecticut

10:10 Kwadwo Owusu*, University of Florida; Peter Waylen, Professor, University of Florida, *The Changing Rainfall Climatology of Mid-Ghana. Implications for Rainfed Agriculture.*

10:30 James Tamerius*, University of Arizona; Andrew C Comrie, PhD, University of Arizona, *Sub-Regional Winter Precipitation Variability: Case studies of disparate winter precipitation modes in Southwest U.S.*

10:50 Keshab Parajuli*, Indiana University; Constance Brown, Indiana University, *Precipitation Variability and its Influence on Monsoon Season Carbon Dynamics of a Sky Island Forest in Semi-arid Southwestern United States.*

11:10 Anji Seth, PhD*, University of Connecticut; Sara Rauscher, PhD, ICTP; Maisa Rojas, PhD, Universidad de Chile, *Changes in Timing of the South American Monsoon?*

12:00 PM - 2:15 PM**AAG Awards Luncheon**

Saturday, April 19, 12:00 p.m. - 2:15 p.m.

Room: Back Bay AB, Sheraton, 2nd Floor

Join colleagues and friends in honoring the recipients of AAG Honors and other awards and prizes for 2008. The Awards Luncheon will be held on Saturday, April 19 in Back Bay AB (Sheraton, 2nd Floor) from 12:00 p.m. - 2:15 p.m.

The following AAG Honors awards will be presented:

Barbara Hildebrant, Educational Testing Service
Gilbert Grosvenor Honors for Geographic Education

Alexander B. Murphy, University of Oregon
Gilbert Grosvenor Honors for Geographic Education

Paul L. Knox, Virginia Polytechnic Institute and State University
Distinguished Scholarship Honors

Richard D. Wright, San Diego State University
Ronald F. Abler Honors for Distinguished Service

Michael O. Sutcliffe, City of Durban, South Africa
Gilbert F. White Distinguished Public Service Honors

Professor Lawrence A Brown, The Ohio State University
Lifetime Achievement Honors

Harm de Blij, Michigan State University
AAG Media Achievement Award

In addition to AAG Honors, the J. Warren Nystrom Awards, the Jackson Prize, the AAG Enhancing Diversity Award, and the AAG Mel Marcus Fund for Physical Geography, many other awards and honors will be presented. The AAG's 2008 Fifty-Year Members will also be recognized at the luncheon. The cost of the luncheon is \$45, including service and tax. A complete table of ten is also available for \$420. Tickets can be purchased at the AAG Registration Desk.

The following individuals have held 50 years of continuous AAG membership, a measure of support for the Association that will be recognized at the AAG Awards Luncheon:

Sanford H. Bederman
Ian Burton
Samuel Emory, Jr
Lane J. Johnson
Ladis K. D. Kristof
George Macinko
Geoffrey J. Martin
Abraham Melezin
Gene E. Musolf
Charles Peterson
Joseph Velikonja
M. Gordon Wolman

2:30 PM - 3:30 PM**Association of American Geographers Business Meeting**

Saturday, April 19, 2:30 p.m. - 3:30 p.m.

Room: Fairfax A, Sheraton, 3rd Floor (Meeting Session)

The AAG's annual Business Meeting will be held in Fairfax A on the 3rd Floor of the Sheraton Hotel on Saturday, April 19 from 2:30 p.m. - 3:30 p.m. AAG officers will present their annual reports. All are welcome to attend.

SATURDAY, APRIL 19

2:20 PM - 4:00 PM

5400

2:20 PM - 4:00 PM**5402. Visualising with the 'Other': collaborative art practices and politics 3 (Sponsored by Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

- Room:** Clarendon Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Rachel Pain, University Of Durham; Divya Tolia-Kelly, Durham University
 CHAIR(S): Marie Cieri, Ohio State University
2:20 Divya Praful Tolia-Kelly*, Durham University, *How to . . . critique participatory art: moving towards a transcultural art history?*.
2:35 Kate Genever*, Royal College of Art, *the systems around the object*.
2:50 Andrea S Wheeler, Dip.Arch. MPhil. PhD*, The University of Nottingham, *Approaching the Radically Other of Animal and Natural Worlds: Exploring Participatory and Co-design methods in Building Sustainable Schools..*
3:05 Alex Loftus*, Royal Holloway, University of London, *Intervening in the environment of the everyday*.
3:20 Hakhee Kim*, University of London, *Beyond Seeing: Locating smell in contemporary art*.

5403. Hydroclimatology III (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Cryosphere Specialty Group)

- Room:** Dartmouth Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Steven Quiring, Texas A&M University; Timothy W Hawkins, Shippensburg University
 CHAIR(S): Steven Quiring, Texas A&M University
2:20 Rezaul Mahmood*, Western Kentucky University, *Sensitivity of planetary boundary layer variables to anomalous soil moisture conditions: The MM5-based assessment*.
2:40 Ronnie D Leeper*, WKU; Arturo I Quintanar, Dr., WKU; Rezaul Mahmood, Dr, WKU, *Simulating Near-Surface and Atmospheric Responses to changes in Land-Cover and Vegetation Fraction..*
3:00 Robert Hellstrom*, Bridgewater State College, *Sensitivity Analysis of Snow Processes in the Forest: UEBMOD Snow Model: SnowMIP2 Project*.
3:20 Barry D. Keim*, Louisiana State University, *Three-hour and Twenty Four-hour Rainstorm Ratios across the Southern United States*.
3:40 Michael Rawlins*, University of New Hampshire; Michael Steele, University of Washington; Mark Serreze, University of Colorado; Charles Vorosmarty, University of New Hampshire; Richard Lammers, University of New Hampshire; Wendy Ermold, University of Washington; Alexander Shiklomanov, University of New Hampshire; Jinlun Zhang, University of Washington, *Tracing Freshwater Anomalies through the Air-Land-Ocean System: A Case Study from the Mackenzie River Basin and the Beaufort Gyre*.

5405. Competing Knowledge: Urban Development, Cultural and Cognitive Enterprising

- Room:** Fairfield Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Allen J. Scott, University of California - Los Angeles
2:20 Gill Bristow, Dr, Cardiff University; Peter Wells*, Cardiff University, *Resisting or re-stating competitiveness? The role of regional government in delivering the competitiveness agenda*.
2:40 Jenny Sjöholm, Ph D Student*, Department of social and economic geography. Uppsala university, *Understanding sensuous observation in the cultural industries: The street as an observation and learning space*.
3:00 Hyejin Yoon*, Department of Geography Ohio State University, *Global cities of the animation industry: The geography of animation production*.
3:20 Margath A. Walker*, University of Kentucky, *Knowledge Production and National Identity on the Border*.
3:40 Allen J. Scott*, University of California - Los Angeles, *Production and Work in the American Metropolis*.

5406. Reconsidering New Urbanism II (Sponsored by Urban Geography Specialty Group)

- Room:** Harvard Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Jennifer Speights-Binet, University of Houston, Clear Lake; Katherine B. Hankins, Georgia State University
 CHAIR(S): Katherine B. Hankins, Georgia State University
2:20 Jennifer Speights-Binet*, University of Houston, Clear Lake, *"Sidewalks in the Kingdom": Faith-Based Urbanism and Morality Discourses in Two New Urban Case Studies*.
2:40 Bret Wallach*, University Of Oklahoma, *Mixed-Use Development in Dallas: A Review*.
3:00 William Lindeke*, University of Minnesota, *Marketing Community: cultivating the social in greenfield condos in Minnesota*.
 Discussant(s): Katherine B. Hankins, Georgia State University

5407. Radical teaching and critical geographies I: Student autonomy and participatory approaches to pedagogy (Sponsored by Socialist and Critical Geography Specialty Group)

- Room:** Brandeis Room, Marriott, 3rd Floor (Panel Session)
 ORGANIZER(S): Salvatore Engel-DiMauro, SUNY New Paltz
 CHAIR(S): Kye Askins, Northumbria University
 Panelists: Jessica S. Lehman; Tamar Y. Rothenberg, Bronx Community College of the City University of New York; Petra Tschakert, Penn State University; Caitlin Cahill, University of Utah; Farhang Rouhani, University of Mary Washington; Peter E Hopkins, Newcastle University, UK

5408. Perspectives on Geographic Complexity III: Applications I: Land use (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)

- Room:** Northeastern Room, Marriott, 3rd Floor (Paper Session)
 ORGANIZER(S): Dawn C. Parker, George Mason University
 CHAIR(S): Li An
2:20 Luis E. Fernandez*, Stanford University, *The Price of Switching to a Biofuel Based Economy: an Agent Based Model of Changing Biofuel Feedstock Spatial Heterogeneity and Regional Land Use and Cover Change in Brazil*.

SATURDAY, APRIL 19**2:20 PM - 4:00 PM****5400**

2:40 Tom Evans*, Indiana University; Khamla Panvilay, East-West Center; Jefferson Fox, East-West Center; John Vogler, East-West Center, *An agent-based model of agricultural innovation and household-level inequality: The transition from swidden to rubber in Northern Laos.*

3:00 Nicolas Becu*, ProdiG research unit - CNRS (French national center for scientific research); Christine Raimond, ProdiG research unit - CNRS (French national center for scientific research); Eric Garine, LESC research unit - CNRS (French national center for scientific research); Marc Deconchat, Research Unit for Forest Dynamics in Rural Environments - DYNAFOR - INRA, France; Kouami Kokou, Laboratory of Botany/Ecology, University of Lome, Togo, *Emergent spatial organization from agricultural practices and social structure of Duupa society (north Cameroon): an agent-based modeling approach.*

3:20 Arika Ligmann-Zielinska*, San Diego State University, *Generative Exploratory Modeling for Land Use Policy Analysis.*

3:40 Moira Zellner, PhD*, University of Illinois-Chicago; Howard W Reeves, PhD, U. S. Geological Survey, *Policy implications of the impact of urban form on groundwater sustainability.*

5410. Race, Ethnicity and Segregation

Room: Suffolk Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sean Crotty, San Diego State University

2:20 Pablo Mateos, Dr*, University College London; Paul Longley, Prof, University College London, *An ethnicity classification based on people's names: Are names' origins residentially segregated?*

2:40 Josefina Ades*, University of Québec (INRS-UCS); Philippe Apparicio, University of Québec (INRS-UCS); Anne-Marie Séguin, University of Québec (INRS-UCS), *Are new patterns of low income segregation emerging in Canadian metropolitan areas?*

3:00 Eva Dick*, University of Dortmund, Faculty of Spatial Planning, *Reconsidering the research and policy responses to residential segregation in the United States.*

3:20 Eva Andersson, Dr.*, Uppsala University; Bo Malmberg, Professor, Stockholm University; John Östh, Dr., Uppsala University, *Neighborhood Segregation and Educational Outcome in Sweden.*

3:40 Sean Crotty*, San Diego State University; Fernando J Bosco, Dr., San Diego State University, *Race, Conflict and Cooperation in an Urban Landscape: The Experiences of Day Laborers at the Baja Beach Workers' Center.*

5411. Historical Geography of Industrialization

Room: Wellesley Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Barney L. Warf, Florida State University

2:20 Sarah Peers, M.A., D.Phil. Student*, University of Oxford, *Where Space and Power Intersect.*

2:40 Adam P. Lewis*, Frostburg State University, *The Shovel, the Furnace, and the Coal Company Store.*

3:00 Guanming Low*, University of British Columbia, *Placing facts and morals: how the Anti-Corn Law League made moral knowledge.*

3:20 Barney Warf*, Florida State University, *The Diffusion of the Clock and the Remaking of Time in Late Medieval Europe.*

5412. Assembling urbanism: Perspectives on cities in global context (Sponsored by Urban Geography Specialty Group)

Room: Tufts Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Eugene McCann, Simon Fraser University; Kevin Ward, University of Manchester

CHAIR(S): Eugene McCann, Simon Fraser University

Panelists: Jamie Peck, University of Wisconsin, Madison; Donald McNeill, University of Western Sydney; Fernando J. Bosco, San Diego State University; Roger Keil, York University; S. Harris Ali, York University; Kevin Ward, University of Manchester; Eugene McCann, Simon Fraser University

5414. Geographies of Financialization: Another Fixes or New Stage of Global Capitalism? (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: Boston Univ. Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Christian Zeller, Institute of Geography, Bern; Bongman Seo, Hitotsubashi University

CHAIR(S): Christian Zeller, Institute of Geography, Bern

2:20 Bongman Seo*, Hitotsubashi University, *Revisiting the financial crisis after a decade: beyond spatial fixes.*

2:40 Christian Zeller*, Institute of Geography, Bern, *The rise of financial capital and the metabolism between capital and non-capitalist areas.*

3:00 Philip Sarre*, The Open University, UK, *Neo-Liberalism: An Experiment That Failed.*

3:20 José Corpataux*, INRS Urbanisation, Culture and Society, University of Quebec; Olivier Crevosier, Research Group in Territorial Economy (RGTE), Institute of Sociology, University of Neuchâtel, Neuchâtel, Switzerland, *Financial Markets, Institutional Investors and Territorial Governance: Towards a Rediscovery of Short Circuits?*

3:40 Jayson J Funke*, Clark University, *The Financialization of Development: From "Third World" to "Emerging Markets".*

5415. Governing Technologies II: Critical GIS and Urban Governance I (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Regis Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Wen Lin, University of Wisconsin-Milwaukee; Falguni Mukherjee

CHAIR(S): Wen Lin, University of Wisconsin-Milwaukee

2:20 Rina Ghose*, University Of Wisconsin Milwaukee, *The Politics of Participation in Public Participation GIS.*

2:40 Brian Thayer*, University of Wisconsin - Milwaukee, *Using a Community Information System (CIS) to Empower a Neighborhood Organization: Case Study of the Harambee Community Milwaukee, WI.*

3:00 Patrick Haughey*, University of New Orleans, *GIS and the Visualization of Recovery in New Orleans: A Critical Assessment.*

3:20 Falguni S Mukherjee, PhD candidate*, UW-Milwaukee, *Community involved GIS.*

Discussant(s): Timothy L. Nyerges, University of Washington

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5416. Gender, Identity and Work**Room:** Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Valerie Keathley, University of Kentucky

2:20 Stephen Atherton*, University of Wales: Aberystwyth, *Transition in Work Place: The Performance of Masculinities through The Armed Forces Resettlement Scheme.*

2:40 Yvette Taylor, PhD*, Newcastle University, *'From the coal face to the car park? Intersections of class and gender in the North East of England'.*

3:00 Johanne Sanschagrin*, University of Toronto, *From male breadwinner/female homemaker model to dual-earning arrangements: the Canadian example.*

3:20 Valerie Keathley*, University of Kentucky, *Highway Cow(boys): Mobility, Gender, and the US Trucking Industry.*

5417. Issues in Human Environment Relations**Room:** Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Pierpaolo Mudu, Università Di Roma

2:20 Hoi Weun Kilkenny CHAN*, Geography and Resource Management, Chinese University of Hong Kong; Kwai Cheong CHAU, Geography and Resource Management, Chinese University of Hong Kong, *Ecological rehabilitation of a disused quarry in Hong Kong.*

2:40 John Davenport*, University of Kentucky, *Discovering Truth on the Witness Stand: Benchmarks, Epicultural Evolution, and Equifinality in the Ouachita National Forest.*

3:00 Kazeem Akorede Shitta*, Kamad Petroleum Limited/ Geotech Nig Ltd; Quadri Olajide Akindele, Slabmark Nig Ltd, *Lithostratigraphy of Nigeria An-Overview.*

3:20 Pierpaolo Mudu*, Università Di Roma, *Biopolical Trajectories in Places Contaminated by the Petrochemical and Oil Industry.*

5418. Commuting, Daily Mobility, and Urban Labor Matters**Room:** Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard Shearmur, INRS-UCS

2:20 Melanie Ann Rapino*, University of Connecticut, *Proximity to Job Opportunities and the Commuting Time Gender Gap.*

2:40 Rami Ratvio*, University of Helsinki, *New spatial patterns of daily mobility within the Helsinki Region.*

3:00 Paola Jiron*, London School of Economics, *Urban daily mobility practices and their spatial inequality implications in Santiago de Chile.*

3:20 Richard Shearmur*, University of Quebec, INRS-UCS; Benjamin Motte, Université de Bourgogne, *The ties that bind ... are not commutes.*

5419. Rural Geography, Conservation and Resource Management**Room:** Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Charles W. Emerson, Western Michigan University

2:20 Naomi M Kisen*, University of Utah, *Using Geospatial Tools for Rangeland Management: Forecasting Vegetation Phenology.*

2:40 Carol S. Mladinich*, United States Geological Survey, *Tracing the loss of ruralness: an examination of two metrics.*

3:00 Andrew A Millward, PhD*, Ryerson University, Canada; Colin M Squirrell, MSA, Ryerson University, Canada, *Landscape Extent Response of Adirondack Forest to the 1998 Ice Storm.*

3:20 Charles W. Emerson*, Western Michigan University, *A Longitudinal Analysis of Pastureland Management Strategies in Inner Mongolia, China.*

5420. East Asia**Room:** Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David R. Smith

2:20 David Rands*, Frostburg State University, *The Role of the City in Korean Immigration to Japan.*

2:40 Jeffrey L. Gower*, University At Buffalo - SUNY; Andre Graves, University at Buffalo - SUNY, *Ecotourism Possibilities at Korea's DMZ.*

3:00 Daniel Putnam, Ph.D. Student*, University of Minnesota - Minneapolis, *Maoist "Peoples' War" in Nepal: Creating a Neoliberal Paradise.*

3:20 Shujuan Li*, Texas A&M University, *Urban development as a fight between city government and local agents - A case study of Baoan District, Shenzhen.*

3:40 David R. Smith*, Ohio Northern University, *North and South Korea: Geographic Opportunities and Constraints to Re-unification.*

5421. Changing Places and Community Identity**Room:** Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stacey Ellis, UC Davis

2:20 Nicole Laliberte*, Pennsylvania State University, *Conceptions of Community During Amenity-Based Development: A Case Study.*

2:40 Clark Akatiff*, City of Palo Alto, *Utopia Revisited: Palo Alto, California.*

3:00 Scott Warren*, Montana State University, *Indian and non-Indian Place-Identity in a Declining Great Plains Community: The Case of Poplar, Montana..*

3:20 Stacey Ellis*, University of California, Davis, *Identity Disconnect: Changing Values in a Northern California Community.*

5422. Political/Cultural - Middle East**Room:** Grand Ballroom Salon G, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Chris Ulack, University of Texas at Austin

2:20 Masha Halevi*, The Hebrew University of Jerusalem/ University of Wisconsin, *The Holy Places in the Holy Land: Between Religion and Politics.*

2:40 Omar Tesdell*, University of Minnesota, Twin Cities, *Cartographic confrontation: Maps as Palestinian resistance and knowledge production.*

3:00 Kimberley Klinker, Master of Science*, University of Richmond, *Critical Geopolitics in Afghanistan: Past and Present.*

3:20 Medea Badashvili*, Tbilisi State University, *"Integration of muslim families in Christian Georgia".*

3:40 Chris Ulack*, University of Texas at Austin, *The Urban Landscape in Contemporary Egyptian Literature.*

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- 5423. Wildfires in a changing environment - What does the Future Hold? (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Remote Sensing Specialty Group)**

Room: Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Beth Hall, University of New Hampshire;

Crystal Kolden, Clark University

CHAIR(S): Beth Hall, University of New Hampshire

- 2:20** Thomas Dilts*, Dendo Lab, Department of Geography, University of Nevada Reno; Jason S. Sibold, PhD, Dendro Lab, Department of Geography, University of Nevada Reno; Franco Biondi, PhD, Dendro Lab, Department of Geography, University of Nevada Reno, *A weights-of-evidence model for mapping the probability of fire occurrence in Lincoln County, Nevada.*

- 2:40** Tatiana Loboda*, University of Maryland - College Park, *Impact of Global Climate Change on Fire Danger in the Russian Far East in the 21st century.*

- 3:00** William T. Sommers*, George Mason University, *Impacts of Climate and Demographic Change on Wildland Fire Management in the 21st Century America.*

- 3:20** Rutherford V. Platt, Ph.D.*, Gettysburg College; Tania Schoennagel, Ph.D., University of Colorado, Boulder, *Have forests really become denser? An object-oriented assessment of a key premise in wildfire policy.*

- 3:40** Beth L Hall, PhD*, University of New Hampshire; Timothy J Brown, PhD, Desert Research Institute; J. R. Banta, PhD, Desert Research Institute, *Predictability of sea surface temperatures for fire danger.*

- 5424. Urban Geography: Global Cities**

Room: Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David M. Walker, Ohio Wesleyan University

- 2:20** James M. Smith, Ph.D.*, Towson University, *The Urban Social Spaces of Late Capitalism: The Neoliberal Globalities of Charles Street, Baltimore.*

- 2:40** Günther Weiss*, *From provincial town to global city in an stagnating economy - can.*

- 3:00** Roman Cybriwsky*, Temple University, *Tokyo Tomorrow: Public Policy and City Planning for a Giant Metropolis.*

- 3:20** Isabelle Dedieu*, King's College London, *network of cities, expertise and policy transfer.*

- 3:40** David M. Walker*, Ohio Wesleyan University, *Listening to sounds, talking to people, smelling the landscape: doing fieldwork in the barrio bravo of Tepito, in the Centro Histórico de México, D.F.,.*

- 5425. Labor and Economic Space in South and Southeast Asia**

Room: Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Maureen H. Hickey

- 2:20** Usha Prajapati*, Clark University; Barbara P Thomas-Slayter, Clark University, *Sustainable organization of home-based women workers in India.*

- 2:40** Sarah EJ Turner*, McGill University, *'Money brings you trouble anyway'. Ethnic Minority Hmong Livelihoods and Selective Resistance in Northern Vietnam..*

- 3:00** William Terry*, University of South Carolina, *Cruisin' for a bruisin': Filipino seafarers and the downshifting of risk in the cruise industry.*

- 3:20** Maureen H. Hickey*, University of Washington, *'I Work for Myself': Labor Markets, Self-Employment and the Question of Class Among Bangkok's Taxi Drivers.*

- 5426. Electoral Geography (Sponsored by Political Geography Specialty Group)**

Room: Grand Ballroom Salon K, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Robert Howard Watrel, South Dakota State University

CHAIR(S): Robert Howard Watrel, South Dakota State University

- 2:20** Colleen McTague, Ph.D.*, University of Cincinnati, *Shades of Indigo: The Bluing of Electoral Neighborhoods in Twenty-First Century Cincinnati.*

- 2:40** Larry Knopp*, University of Minnesota-Duluth, *Local Political Cultures, Cultural Politics, and Partisan Voting Trends in Montana.*

- 3:00** Ryan Douglas Weichelt*, University of Nebraska-Lincoln, *U.S. Presidential Elections and Electoral Behavior of Hispanics at a National Scale: 1980 - 2004.*

- 3:20** John Heppen*, University Of Wisconsin River Falls, *United States Presidential Election Regions 1892-2004.*

- 3:40** Robert Howard Watrel*, South Dakota State University; J. Clark Archer, University of Nebraska-Lincoln, *How many American Electoral Sections?.*

- 5427. Coastal Geomorphology and Soils; Sediment Accumulation, Removal and Sea Level Change**

Room: Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gregory A. Carter, The University of Southern Mississippi

- 2:20** Sadie L Waddington, M.A.*, San Francisco State University; Ellen Hines, PhD., San Francisco State University; Elise Granek, PhD., Portland State University, *Quantitative Study of Sediment Accumulation due to Mangrove Removal at Turneffe Atoll, Belize.*

- 2:40** Dylan Horne*, University of New South Wales, *Chenier Plain formation in Princess Charlotte Bay, Australia.*

- 3:00** Gregory A. Carter*, The University of Southern Mississippi; Ervin G. Otvos, The University of Southern Mississippi; G. Alan Criss, The University of Southern Mississippi; Kelly L. Lucas, The University of Southern Mississippi, *Changes in Land Area and Vegetative Cover on the Mississippi-Alabama Barrier Islands during Hurricane Katrina and the Onset of Recovery.*

- 3:20** Derrick Yuk Fo Lai*, McGill University; Kin Che Lam, The Chinese University of Hong Kong, *Phosphorus Fractions in and Fluxes From Sediments of a Natural and Constructed Wetland in Hong Kong.*

- 3:40** Donald Thieme*, Valdosta State University, *Soil Geography Of Trail Ridge, Atlantic Coastal Plain.*

- 5428. Biometeorology and Heat Stress**

Room: Provincetown Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): J. Scott Greene, University of Oklahoma

- 2:20** Darren M Ruddell*, Arizona State University; Sharon L Harlan, Arizona State University; Susanne Grossman-Clarke, Arizona State University, *Risk and Exposure to Heat Stress in Microclimates of Phoenix, AZ.*

- 2:40** Alexandre S Gagnon*, University of Paisley, *An examination of the potential use of the DEMETER seasonal forecasts for predicting malaria epidemics in East Africa.*

- 3:00** Michael Janis*, University of Delaware; Terrianne Lavin, University of Delaware, *Biometeorological Models for Vectors of West Nile Virus in the Southeastern United States.*

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3:20 J. Scott Greene*, University of Oklahoma, *Analog Heat Waves For U.S. Cities to Analyze potential Impacts on Heat-related Mortality.*

5429. Cultural Ecology

Room: Hyannis Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steven Rainey, McNeese State University

2:20 Aron Massey*, Kent State University, *Making Molehills out of Mountains: Contested Discourses Surrounding Mountaintop Removal Coal Mining.*

2:40 Marla Torrado*, Syracuse University, *Making roads, making meanings: Makushi communities and the Georgetown-Lethem road of southern Guyana.*

3:00 Logan Hennessy, Ph.D*, San Francisco State University, Liberal Studies Program, *Negotiating Indigenous Sustainability: Measures of Protection in Agreements with Mining Companies.*

3:20 Neil M Manspeizer*, Montclair State University, *Modeling Vulnerability in the Central High Atlas Mountains of Morocco through Berber Ahidous Poetry.*

3:40 Steven J. Rainey, Ph.D*, McNeese State University, *Exploring linkages between non-traditional agricultural exports (NTAEs) and conservation.*

5430. Turkey: Urban and Political

Room: Orleans Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kyle Evered, Michigan State University

2:20 Mahmut Gokmen*, University of Oklahoma, *Popular Perceptions of U.S. - Turkey bilateral relations: A survey of student opinions.*

2:40 Jessie Hanna Clark*, University of Arizona, *'Officiating' Citizenship in Southeast Turkey.*

3:00 Ebru Ustundag*, Brock University, *On Cosmo-Political Istanbul.*

3:20 Tahire Erman*, Bilkent University, *Urban Transformation Projects in Turkey: Practices, Discourses and Experiences.*

3:40 Kyle Evered*, Michigan State University, *"Poppies are Democracy" -- Geopolitical Perceptions of Poppy Eradication and Production in Turkey, Past and Present.*

5431. Ethics Education for Graduate Programs in Geographic Information Science and Technology (Sponsored by Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)

Room: Yarmouth Room, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): David DiBiase, Penn State University

CHAIR(S): David DiBiase, Penn State University

Panelists: Dawn J. Wright, Oregon State University; Jeremy Crampton, Georgia State University; Jerry Dobson, University of Kansas; William J. Craig, University of Minnesota

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Room: Falmouth Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joseph Godlewski, UC Berkeley

2:20 Melanie Fasche*, Center for Metropolitan Studies (CMS), *Contemporary Art in Berlin and New York City.*

2:40 Alberto Vanolo*, Eu-Polis, *The image of the creative city. Some reflections on Torino.*

3:00 Heike Pethe*, University of Amsterdam; Marco Bontje, AMIDSt, University of Amsterdam, *The success of creative knowledge regions in the extended European Union: conditions, development path, and governance.*

3:20 Joshua Long*, University of Kansas, *Weird City: Social Resistance to Urban Landscape Transformation in Austin, Texas..*

3:40 Joseph M Godlewski*, UC Berkeley, *Good Times at Cabrini-Green: Televisual Geography and the Decline of American Public Housing.*

5433. New Urban Trajectories: State rescaling, neoliberalism, and cities beyond the world cities approach

Room: Vineyard Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Björn Surborg, University of British Columbia; Jamie Doucette, Department of Geography, University of British Columbia

CHAIR(S): Jamie Doucette, Department of Geography, University of British Columbia

2:20 Andre Sorensen*, University of Toronto, *Uneven processes of institutional change: Environmental governance and contested institutional innovation.*

2:40 Sapana Doshi, PhD Candidate*, UC Berkeley, *Redeveloping Women, Shanghaiing Citizens: Neoliberalism and the Politics of the Evicted in 'Global' Mumbai.*

3:00 Marit Rosol*, *Self-organized green public space in the context of neoliberal urban restructuring: Between social struggle and co-optation.*

3:20 Björn Surborg*, University of British Columbia, *Post-colonial world city research? Approaches to the combined study of globalisation and urban studies.*

Discussant(s): James Derrick Sidaway, University of Plymouth

5434. Land Use Change: Multiple Perspectives

Room: Maine Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Andrea Gaughan

2:20 Sung Bae Jeon*, Boston University, *Reverse Trend of Land Use Change in New England.*

2:40 Jiao Wang*, Texas State University - San Marcos; Nate Currit, Texas State University - San Marcos, *Detecting Land Use and Land Cover Change in the Texas-Mexico Border Twin Cities with Remote Sensing Data Beginning in 1980s.*

3:00 Ivan Bicik*, Charles University in Prague, Czechia, *Land Use Changes in Czech Border Regions (1845 - 2000).*

3:20 Karina Benessaiah*, International Development Research Centre (IDRC) and McGill University, Geography department, *Agents of change and issues of scale: land cover/land use change from the 1980s to the present in the Gulf of Fonseca, Nicaragua.*

3:40 Andrea Gaughan*, University of Florida, *Shifting dynamics in a semi-arid, savanna region: Landscape patterns along the Kwandu River in Caprivi, Namibia.*

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5435. Brasil: Social Movements*Room:* New Hampshire Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Abdurazack Karriem, Cornell University

2:20 Timothy J. Brock*, Florida Public Archaeology Network (FPAN), *Assumptions of Indigeneity and Scale in the Brazilian Demarcation Movement.***2:40** Devin Beaulieu, BA, UC Berkeley 2007*, University of California Berkeley Summer Undergraduate Research Fellowship program, *Remapping the State: Bolivia's Constituent Assembly.***3:00** Chris Strunk*, University of Minnesota - Twin Cities, *Neoliberal Political Spaces: Contestation and Contradiction in Bolivia.***3:20** Iñigo Errejón*, Complutense University of Madrid (UCM), *The Guerra del Gas (War for the Gas) in El Alto 2003 and the importance of social movements in Bolivian politics: A political geographical explanation..***3:40** Abdurazack Karriem*, Cornell University, *Land Occupations, Territorialization, and the Exercise of Citizenship: The Case of the Brazilian Landless Movement.***5437. Labor market intermediaries and changing economic geographies of work (Sponsored by Economic Geography Specialty Group)***Room:* Massachusetts Room, Marriott, 5th Floor (Paper Session)

ORGANIZER(S): James Faulconbridge, Lancaster University; Sarah Hall, University of Nottingham

CHAIR(S): James Faulconbridge, Lancaster University

2:20 Neil M. Coe*, University of Manchester; Jennifer Johns, Liverpool University; Kevin Ward, University of Manchester, *The Embedded Transnational: the Internationalisation Strategies of the Leading 20 Transnational Temporary Staffing Agencies.***2:40** Bhaskar Vira*, University of Cambridge; Al James, Queen Mary, University of London, *The Operation and Outcomes of Labour Market Intermediaries in India's E-Services Sector.***3:00** Anne Green*, IER, University of Warwick, *Labor market intermediaries, employment of economic migrants and challenges for regional development.***3:20** Stuart Dawley, Dr*, CURDS, University Of Newcastle; Alison Stenning, Newcastle University, *Poles to Newcastle: Grounding New Migrant Flows in Peripheral Regions.***3:40** Jonathan V. Beaverstock*, University of Nottingham, *The globalisation and regionalisation of executive search firms in Singapore and the Asian-Pacific.***5438. Borderline Spaces: Economics Spaces and Urbanization along U.S./Mexican Border***Room:* St. George A, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert B. South, University of Cincinnati

2:20 Francisco Lara*, School of Planning, Arizona State University; Juan Declat-Barreto, Arizona Department of Environmental Quality, *A binational comparison of diversity and specialization in cities along the U.S.-Mexican border.***2:40** Dereka Rushbrook*, University of Arizona, *Thick Borders: Operating in southern Arizona.***3:00** Robert B. South*, University of Cincinnati, *Maquila Closures and the Product Life Cycle.***5439. Behavioral Geography: Walking Behavior and Space***Room:* St. George B, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Amanda Espy-Brown, University of Alabama

2:20 Sarah E Williams, MCP*, Columbia University, *The Socio-Spatial Consequences of Returning Home: A Spatial Analysis of Formerly Incarcerated Populations in New York City.***2:40** Katarzyna M Hano, Author*, University of Waterloo, *The Accessibility of Hotels and Resorts for People with Disabilities.***3:00** Innisfree McKinnon*, UC Davis, *Nature and the Millennial Generation: Exploring Young Peoples' Encounters with the Non-Human.***3:20** Amanda Espy-Brown, Ph.D.*, University of Alabama; Linda S. Watson, M.S., University of Alabama, *"You'll Never Walk Alone": Perceptions of walkability around a neighborhood elementary school.***5440. Data Mining, Neural Networks, Expert Systems, and Simulation***Room:* St. George C, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wei Luo, Northern Illinois University

2:20 Dajun Dai*, Alcorn State University; Litao Zhao, Southern Illinois University Carbondale; Tonny J Oyana, Southern Illinois University Carbondale, *Exploring a genetic algorithm for spatiotemporal cluster detection and analysis in point datasets.***2:40** Kang Shou Lu, PhD*, Towson University, *A Neural Network Model for Environmental Impact Assessment.***3:00** Wei Luo, Ph.D., Associate Professor*, Northern Illinois University; John F. Hartmann, Ph.D., Professor, Northern Illinois University; Fahui Wang, Ph.D., Professor, Louisiana State University, *Analyzing Tai Toponym Patterns with Spatial Data Mining Techniques.***5441. Europe: Ethnic Transformations***Room:* St. George D, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William H. Berentsen, University of Connecticut

2:20 Zachary Cooper, student*, University of Kansas, *Changing Demographics in Latvia by Changing Ethnic Laws..***2:40** David Hardin*, Longwood University, *'Soon There Will be Nothing Left': The Conversion of Serb Landscapes into Croat Ones in Croatia's Western Slavonia.***3:00** Tony Johnston*, NUIG, *Imagery and Tourism in Post-War Sarajevo.***3:20** Jesse Quinn*, Colgate University, *"A Drop in the Wave": Individual Yet Global Perceptions of Transformation in the post-socialist Albanian Diaspora - Examples from the Shala Valley, Albania.*

Introducer: William H. Berentsen

5442. Fear in the City, Fear from the City: Planning, Social Justice, Crime and Punishment*Room:* Essex North-West, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Matthew Engel, University of Nebraska

2:20 Sujata Shetty*, University of Toledo; Jane Morgan, JFM Consulting Group, *Regional Equity in Detroit: Evaluating the Metro Detroit Regional Investment Initiative.***2:40** Allan M. Parnell, Ph.D.*, Cedar Grove Institute; Daniel T. Lichter, Ph.D., Cornell University, *Mapping the Changing Racial Ecology of a Small American City:*

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Methodological Lessons from Landscape Ecology.

3:00 Nina Joyce, MPH*, Beth Israel Deaconess Medical Center; Robert Lipton, PhD MPH, BIDMC emergency medicine, *The Geography of Sexaul Assault.*

3:20 Tyler Roberts*, University of Colorado at Boulder, *Cops, risk, and the rolling arsenal: An ethnography of the police cruiser.*

3:40 Matthew R. Engel*, University of Nebraska, *Nonmetropolitan Prisons: The View from Next Door.*

5443. Growing Food: Past, Present, and Future

Room: Essex North-East, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Karen Polenske, MIT

2:20 Karl Lillquist, PhD*, Central Washington University, *Farming the Desert: Agriculture in the World War II-Era, Western U.S., Japanese American Relocation Centers.*

2:40 Maction Komwa*, George Mason University; Kathryn H Jacobsen, George Mason University; Dawn Parker, George Mason University, *Effects of foods on affected individuals living with HIV/AIDS in southeastern Uganda.*

3:00 Judy Bates, Dr. *, Wilfrid Laurier University, *Plastic Pastures versus Landscape Preservation.*

3:20 Karen R. Polenske, Professor*, MIT; Ayman Ismail, MIT; Sonya Huang, MIT; Pat Canning, Dr., USDA; Arnold Walter, USDA, *U.S. Energy Consumption and Food Distribution.*

5444. The Global Racialization of Risk: Scholarship for the Public Sphere

Room: Essex North-Center, Westin, 3rd Floor (Panel Session)

ORGANIZER(S): Katharyne Mitchell; Elvin K. Wyly, University of British Columbia

CHAIR(S): Katharyne Mitchell

Panelists: Kathe Newman, Rutgers University; Philip Ashton, University of Illinois-Chicago; Randy Martin, New York University; Ananya Roy, University of California - Berkeley; Ruth Gilmore, University of Southern California; Stephen Young; Mona Atia, University of Washington

5445. Energy: Sustainability and Vulnerability

Room: Staffordshire, Westin, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William Y. Osei, Algoma University College

2:20 Karina Garbesi, Ph.D. *, California State University - East Bay, *CO2 Emissions Assessment and Reduction Potential for Cal State University East Bay.*

2:40 Abhijit Banerjee*, Northeastern Illinois University, *Charting a Different Course: Can India Avoid the Common Pitfalls of Biofuels?.*

3:00 Godstime James*, Department of Geosciences, University of Missouri-Kansas City, MO64110; Michael Burns, South Africa's Council for Scientific and Industrial Research; Jimmy Adegoke, Department of Geosciences, University of Missouri-Kansas City, MO 64110, *Impact of petroleum energy economy on the resilience of two West African social-ecological systems.*

3:20 Mark Carper*, University of Alaska Anchorage; Caedmon Staddon, University of the West of England, *Alternating Currents: EU Expansion, Bulgarian Capitulation, and Disruptions in the Electricity Sector of Southeast Europe.*

3:40 William Y. Osei*, Algoma University College, *Sustainable energy futures and the dilemma of the nuclear option.*

5446. Multiple Perspectives on Global Climate Change

Room: Parliament Room #1, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gwangyong Choi, Rutgers University

2:20 Alan Grainger*, School of Geography, University of Leeds, Leeds LS2 9JT, UK, *Territorializing Science in the Global Desertification Regime.*

2:40 Jehn-Yih Juang*, National Taiwan University; Gabriel Katul, Duke University, *Impacts of Land-Use Conversion on the Regional Surface Temperature along a Successional Chronosequence in the Southeastern U.S..*

3:00 Heather Ward*, East Carolina University/Coastal Resources Mgmt, *Hurricanes and Global Warming: Editorial Discourse Before and After Hurricane Katrina.*

3:20 Gwangyong Choi*, Korea Meteorological Administration; David A. Robinson, Rutgers University, *Changes In Northern Hemisphere Climatological Seasons And Their Associations With Atmospheric Circulation.*

5447. Geographies of International Adoption (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)

Room: Empire Room #6, Westin, 7th Floor (Panel Session)

ORGANIZER(S): Alec Brownlow, DePaul University

CHAIR(S): Alec Brownlow, DePaul University

Introducer: Alec Brownlow

Discussant(s): Minelle Mahtani

Panelists: Lynn Horridge, City University of New York Graduate Center; Todd Lindley; Linda J Seligmann, George Mason University; Christina Von Mayrhauser, California State University Northridge Department of Anthropology; Elise Prebin, Harvard Korea Institute; Andréa Cardarello, Chaire MCD; Shelley Grant, Queen Mary College, University of London; Leslie Wang

5448. Water and Development: A Fluid Relationship III: Water politics and rights (Sponsored by Water Resources Specialty Group, Cultural Geography Specialty Group)

Room: North Star Room #10, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Farhana Sultana, King's College London; Jessica Budds, The Open University

CHAIR(S): Farhana Sultana, King's College London

2:20 Kathleen O'Reilly*, Texas A&M University, *Eradicating poverty one drip at a time: the changing character of NGO fieldwork.*

2:40 Saskia AF Vermeylen*, Geography Department, Lancaster University; Dan van der Horst, University of Birmingham, School of Geography, Earth and Environmental Sciences (GEES), UK, *Wells, Waterholes, Pans and People: the Political Ecology of Water in the Kalahari (Botswana).*

3:00 Stephanie C. Kane, Ph.D. (Anthropology)*, Indiana University, Departments of Criminal Justice and Gender Studies, *Aquatic Infrastructure and Ecology: Purity and Danger in Salvador, Bahia.*

3:20 Joseph Holler*, SUNY at Buffalo, *Community-integrated GIS and Social Capital for Water Resources Management.*

Discussant(s): Thomas A. Perreault, Syracuse University

SATURDAY, APRIL 19**2:20 PM - 4:00 PM****5400****5449. Remote Sensing Applications***Room: Defender Room #5, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): J. Ronald Eastman, Clark University

2:20 Xianfeng Chen*, Slippery Rock University; Gregg Stewart, Slippery Rock University of Pennsylvania, *Object-based Classification with High Spatial Resolution Multispectral Satellite Imagery: Mapping Wetland in Northwestern Pennsylvania.*

2:40 Qihao Weng; Xuefei Hu*, *Use of Medium Spatial Resolution Satellite Imagery for Estimating and Mapping Urban Impervious Surfaces: Which Method is Better, LSMA or ANN?.*

3:00 Barry N. Haack*, George Mason University; Gyanendra Khatiwada, George Mason University Department of Geography, *Quad Polarization Radar and Landsat Thematic Mapper Data Evaluation for Land Cover Mapping.*

3:20 Frederick S. Pianalto, MS*, University of Arizona, *A Combined GIS and Remote Sensing Soil Disturbance Model of Valley Fever Pathogen Propagation in Southern Arizona..*

3:40 J. Ronald Eastman, Dr. *, Clark University, *An Integrated GIS Extension for Image Time Series Analysis.*

5450. Multiple Dimensions of Hazards of Global Change*Room: Adams Room #2, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey Gritzner, The University of Montana

2:20 Kathryn Zimmerman*, Central Washington University, *Human Choices: Decisions Promoting Prosperity or Collapse.*

2:40 Shangrila Joshi Wynn, Graduate Teaching Fellow*, University of Oregon, *Contested Notions of Fairness, Equity and Justice: Climate Change as an Arena for North South Environmental Politics.*

3:00 Emily C Phillips*, United States Geological Survey, *An Examination of Regional, National, and Municipal Roles in Hazard Mitigation in Honduras.*

3:20 Jeffrey A. Gritzner*, The University of Montana, *Beyond Global Warming.*

5451. Economic Development and Change*Room: Great Republic #7, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Raymond J. Dezzani, University Of Idaho

2:20 Thomas Robert Fischetti, Bachelor of Arts, Keene State College, 2006*, University of Connecticut, *Economic Restructuring and the High-Tech Boom: An Examination of Metropolitan Areas 1988-1999.*

2:40 Rajiv Thakur*, Indiana State University, *Spatial Attributes of Science and Technology Indicators in EPSCOR States.*

3:00 Cheol-Ho Lee*, University of California, Los Angeles, *Innovation, Knowledge Spillover, and Industry Growth.*

3:20 Nayoung Ryu*, Arizona State University, *Spatial association and locational determinants of patent activities in Korea.*

3:40 Raymond J. Dezzani, Ph.D. *, University Of Idaho; Salvatore Babones, Ph.D., University of Pittsburgh, *Mobility in the Modern World_Economy.*

5455. Change Detection and Remote Sensing*Room: Beacon A, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): David W. Gwynn, Rutgers University

2:20 Forrest Stevens*, University of Florida, *Defining Differences in Remote Sensing Data Sources: Linking Landsat and ASTER Data for Longitudinal Research.*

2:40 Jungho Im*, SUNY ESF; Michael E Hodgson, University of South Carolina, *Exploring Search Spaces for Identifying Optimum Thresholds in Change Detection Studies.*

3:00 Bingqing Liang*, Indiana State University; Qihao Weng, Indiana State University, *Fractal Characteristics of the Land Use and Land Cover Changes in Indianapolis, USA.*

3:20 Miguel L Villarreal*, University of Arizona; Willem van Leeuwen, Ph.D., University of Arizona; Jose Raul Romo Leon, University of Arizona, *Linking Fine-Scale Ecosystem Disturbance with Historical Landscape Change.*

3:40 David W. Gwynn*, Rutgers University; Richard G. Lathrop, Rutgers University, *Semi-automation of change detection within an object-oriented framework.*

5456. Geospatial Modelling of Water Resources and Composition*Room: Beacon B, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Zhongwei Liu, University of Florida

2:20 Garth A Lindner*, Indiana University; Kelly K Caylor, Dr., Princeton University, *Importance of Spatial Scaling in Predicting Storm Runoff Response.*

2:40 Shama Perveen*, University of South Carolina, *Scale Effects on the Spatial Heterogeneity of Water Resources Data: Implications to Identifying and Mitigating Global Water Stress.*

3:00 David W. Kelley, Ph.D. *, University of St. Thomas, *Nitrate loading to groundwater supplies in the Midwestern United States due to increased biofuel production: a GLEAMS modeling study in Minnesota.*

3:20 Matt Marsik*, University of Florida; Peter Waylen, University of Florida; Marvin Quesada, Universidad de Costa Rica Sede Occidente, *Changing Discharge Contributions to the Rio Grande de Tarcóles.*

3:40 Zhongwei Liu, Ph.D. *, Ft. Lauderdale Research and Education Center, University of Florida; Aaron Higer, Ft. Lauderdale Research and Education Center, University of Florida; Frank Mazzotti, Ph.D., Ft. Lauderdale Research and Education Center, University of Florida; Leonard Pearlstine, Ph.D., Everglades and Dry Tortugas National Parks, *Validation of Spatially Continuous EDEN Water-Surface Model for the Everglades, Florida with Ecosystem Applications.*

5457. Topics in GIS*Room: Beacon D, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Stephen Daniel Weaver, Pennsylvania State University

2:20 Joao Francisco de Abreu, J.F.de Abreu/Catholic University/MG/Brazil*, Catholic University of Minas Gerais-Brazil; Joao Francisco de Abreu, J.F.de Abreu/Catholic University /MG/Brazil, Pontifical Catholic Univrsity of Minas Gerais/Brazil, *A Socio Economic topography of Brazil using GIS and Multidimensional Scaling.*

2:40 Stephen Daniel Weaver*, Pennsylvania State University, *What Do Maps & Tags Have in Common?.*

SATURDAY, APRIL 19

2:20 PM - 4:00 PM

5400

3:00 Chen Xu*, *A Autonomous System Topology Based Method for Measuring Content Generating Capability.*

3:20 Gwilym Lucas Eades, M.A.*, McGill University, *Decolonizing Geographic Information Systems.*

5458. Development Issue in South America

Room: Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Odeibler Santo Guidugli, University Of State Of Sao Paulo

2:20 José Antonio Borello*, Universidad Nacional General Sarmiento, Instituto Del Conurbano; Hernán Morhorlang, Universidad Nacional de General Sarmiento, Argentina; Diego Silva Failde, Universidad Nacional de General Sarmiento, Argentina, *Agglomeration Economies in Semi-industrialized countries: Some evidence from Argentina and some general inferences about research and policy in similar countries.*

2:40 Juan M. Gonzalez*, Universidad De Los Andes, *Technology, Society and Development.*

3:00 Consuelo Guayara*, University of Iowa, *Environmental Imaginaries and Deforestation Policies.*

3:20 Philip Matthew Wingard*, University of South Carolina, *Outsider perspective and the production of 'Third World' landscapes: A case study from the favelas of Rio de Janeiro.*

3:40 Odeibler/ Santo Guidugli/ Erico Soriano*, University Of State Of Sao Paulo; Odeibler Santo Guidugli, *The Geography Of Fear: a new reading of the space - The Case of the municipality of Itirapina - SP (Brazil).*

5459. Public Transportation Planning

Room: Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): FUJIO MIZUOKA

2:20 Jason Chen*, City College of New York, CUNY; Cynthia Chen, City College of New York, CUNY; James Barry, Division of Operations Planning, MTA New York City Transit, *A Geographical Analysis of Time of Day Transit Ridership Patterns.*

2:40 Yves A. Boquet*, Université De Bourgogne, *Recent trends in French urban mobility.*

3:00 Craig Townsend, PhD*, Non-Member, *Accessibility Trade-Offs at Rail Rapid Transit Stations in Bangkok, Thailand.*

3:20 Ho-Seop Cha*, The Department of Geography, The Ohio State University; Alan T. Murray, The Department of Geography, The Ohio State University, *Public transit service equity and spatial representation.*

3:40 FUJIO MIZUOKA, Ph. D.*, Division of Economic Geography, Graduate School of Economics, Hitotsubashi University, *The Planning of Mass Transit Railway under the British Colonialism in Hong Kong.*

5460. Boundaries, Borders, and Maps

Room: Beacon G, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jennifer L. Scully, US Census Bureau

2:20 Myung Jin Kim*, Department of Geography, The Ohio State University; Ningchuan Xiao, Department of Geography, The Ohio State University, *A multiobjective simulated annealing for political redistricting problems.*

2:40 Cheryl Hedgman*, U. of Redlands; Douglas M Flewelling, U. of Redlands, *A New International Boundary Database Model.*

3:00 Philip Stephens*, San Diego State University; Sergio J. Rey, Ph.D., San Diego State University, *Spatial Analysis Of HUBZone Determinations In California Metro Areas.*

3:20 Saiko Sadahiro, Chiba University; Kosuke Ogino, University of Tokyo, *Redistricting School Attendance Zones Using GIS.*

3:40 Jennifer L. Scully, Ph.D.*, US Census Bureau; Shonin Anacker*, U.S. Bureau Of the Census, *The Role of Technical Assistance in the Creation of Census Mapping: Sudan.*

5461. Issues in Education: GIS and Spatial Analysis

Room: Beacon H, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeff Blossom, Harvard Center for Geographic Analysis

2:20 Minori Yuda*, Kanazawa University; Satoru Itoh, Kanazawa University; Yoshinaga Kizu, TG Information Network; Junya Itou, TG Information Network; Hitoshi Uchida, Gunma Prefectural Takasaki High School, *Effectiveness of the Cellular Phone GIS in High School Education: from Fieldwork for Land Use in Geography Class.*

2:40 Christopher A. Badurek*, Appalachian State University, *GIS Educational Frameworks to Support Spatial Data Infrastructure Development..*

3:00 Ann Johnson*, ESRI, *Envisioning a National Geospatial Technology Resource Center.*

3:20 Patricia L. Drews*, Northwest Missouri State University, *Comparison of Attrition in an Online and On-campus Master's Programs.*

3:40 Jeff Blossom, M.A.*, Harvard Center for Geographic Analysis, *The Center for Geographic Analysis at Harvard University - Supporting Research and Teaching that Relies on Geographic Analysis.*

5462. Spatial Interaction and Spatial Models in Economic Geography

Room: Kent, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ashley Ramnes

2:20 Changjoo Kim*, Minnesota State University; Drew Moore, Minnesota State University, *Spatial Interaction Model with Competition in Retail Location Analysis.*

2:40 Chien-Chou Chen*, The University of Texas at Dallas; Michael Tiefseldorf, The University of Texas at Dallas, *Tobacco Supply and Demand Mismatch in Northern Dallas.*

3:00 Gunhak Lee*, Ohio State University; Morton E. O'Kelly, Ohio State University, *Exploring a locational equilibrium in a competitive broadband access market.*

3:20 J. M. Pogodzinski, Ph.D.*, San Jose State University; Alicia T Parker; Tito Vandermeiden, Nextbus, Inc., *Economic Geography of Condominium Conversions in San Francisco.*

3:40 Ashley Ramnes*, SUNY Oneonta, *Analyzing the four phases of urban growth in Oneonta New York using aerial photography.*

SATURDAY, APRIL 19**2:20 PM – 4:00 PM****5400****5463. Agglomeration, Knowledge, and Spillovers***Room: Jefferson, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Gashawbeza W. Bekele, Tennessee State University

2:20 Pedro Costa*, Dinâmia / ISCTE; Paulo Pires, Universidade de Coimbra, DEI-FCT, *Creative milieus and cultural production: evidence from a survey to Portuguese artists.*

2:40 Der-Shiuan Lee*, Arizona State University, *Effects of Spatial Collaborative Networks on The Geography of Knowledge Spillovers.*

3:00 Sandra Begley*, University of Birmingham, *Knowledge, Coalitions and Enterprise: The Dynamics of Firms.*

3:20 David Rhys Davies, BA, MSc., Phd candidate*, UCLA, *Idea Diversity and Urban Economic Growth: An Ecology of US Patenting 1975-2000.*

3:40 Gashawbeza W. Bekele*, Tennessee State University, *Spatio-Economic Clustering and Competitive Performance: An Empirical Investigation.*

5464. Applications in Spatial Analysis and GIS*Room: Exeter, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Martin Swobodzinski, San Diego State University

2:20 Keshav Bhattarai, Professor*, University of Central Missouri; B J Straw, Graduate Student, University of Central Missouri, *Using Geotechniques to Assess the Quality of Life in the Kaysinger Basin, RPC, Missouri, USA.*

2:40 James B. Pick*, University of Redlands; Richard P. Greene, Northern Illinois University, *GIS in Small Enterprises: A Case Study Analysis and Framework.*

3:00 Keumsook Lee*, Sungshin Women's University; Moo Young Choi, Seoul National University, *The Structure of Intra-Urban Traffic Flows: The Case of Metropolitan Seoul.*

3:20 Zhixiao Xie, Florida Atlantic University; Jun Yan*, Western Kentucky University, *Kernel Intensity Estimation of Traffic Accidents in a Network Space.*

3:40 Martin Swobodzinski*, San Diego State University, *The role of habitual travel behavior in the decision-making process of the public in online participatory transportation planning.*

5465. Environment and the City: "Sustainable" Environments*Room: Berkeley, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Andrea Collins, Cardiff University

2:20 Caroline Speed*, RMIT University, *A Phenomenography of House, Home and Place in Australia.*

2:40 Sai Leung Ng*, The Chinese University of Hong Kong, *Performance Assessment Of Bioengineering Techniques In Hong Kong.*

3:00 Anne Short*, University of California Berkeley, *Comparing Institutional Analysis at Global and Local Scales.*

3:20 Andrea Collins, PhD*, Cardiff University, *Putting the Earth into Play: The Olympic Games and the Environment.*

5466. Anomalous Precipitation and Moisture Extremes*Room: Hampton A, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jacqueline J. Shinker, University of Wyoming

2:20 Zhaodong Feng*, Department of Geology, Baylor University, USA; Fenggui LIU, Geography Department, Qinghai Normal University, China, *Environmental Changes and Their Cultural Responses around 4000 14C yr BP in the Yellow River Basin of Northern China.*

2:40 Steven J Curran*, University of Wisconsin - Whitewater; Andrew M Carleton, Ph.D, The Pennsylvania State University; David J Travis, Ph.D, University of Wisconsin - Whitewater, *Vegetation Boundary Effects On Deep Convection and Tornado Development: An Observational Study for the Midwest U.S. Central Corn Belt.*

3:00 Assaf Ali Alhawas*, Department of Geography, King Saud University, Riyadh, *Anomalous rainy events over Saudi Arabia and El-Nino.*

3:20 Jennifer S Arrigo, PhD*, East Carolina University, *Year to Year Variability in Contributions of Tropical Activity to Precipitation and the Relationship to Hydrologic Drought in North Carolina.*

3:40 Jacqueline J. Shinker*, University of Wyoming, *Spatial patterns of moisture-balance in the western United States.*

SATURDAY, APRIL 19

4:30 PM - 6:10 PM

5600

4:30 PM - 6:10 PM**5602. Visualising with the 'Other': participatory theater in action (Sponsored by Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group, Ethics, Justice, and Human Rights Specialty Group)***Room:* Clarendon Room, Marriott, 3rd Floor (Panel Session)*Room:* Clarendon Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Rachel Pain, University Of Durham; Marie Cieri, Ohio State University

CHAIR(S): Rachel Pain, University Of Durham

Panelists: Peter E Hopkins, Newcastle University, UK; Caitlin Cahill, University of Utah; Marie Cieri, Ohio State University; Kye Askins, Northumbria University; Juanita Rodrigues, Boston Arts Academy; Robbie McCauley, Emerson College; Krisitin Johnson, Charlestown Working Theater; James Spruill

5603. Urban Hydrology Management*Room:* Dartmouth Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wei Ji, University of Missouri - Kansas City

4:30 Jie He*, Thushara Ranatunga; Susanna T.Y. Tong; Jeffrey Y Yang, *Assessment of the impacts of climate change on water infrastructure: A case study of Ohio.***4:50** Monica Lipscomb Smith*, UNC Chapel Hill; Lawrence E Band, UNC Chapel Hill; Peter Groffman, Institute of Ecosystem Studies, *Effects of Fine-Scale Land Cover Patterns on Suburban Stream Quality: Localized Sources versus Hydrologic Controls.***5:10** Young-Doo Wang*, University of Delaware; Gerard Alleng, Center for Energy & Environmental Policy, Univ. of Delaware; Jennifer deMooy, Center for Energy & Environmental Policy, Uni. of Delaware; Helen Yane, Center for Energy & Environmental Policy, Univ. of Delaware; Laureen Boles, Center for Energy & Environmental Policy, Univ. of Delaware; Erika Farris, Center for Energy & Environmental Policy, Univ. of Delaware; Anne Smart, Center for Energy & Environmental Policy, Univ. of Delaware; Candis Robinson, Center for Energy & Environmental Policy, Univ. of Delaware, *Sprawl and Water: A Development of Water Indicators for Sprawl Control.***5:30** Wei Ji*, University of Missouri - Kansas City, *Assessing the Vulnerability of Urban Wetlands Using Geospatial Decision Models.***5605. Gaming, Leisure, Consumption and Development***Room:* Fairfield Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kevin J. Patrick, Indiana University

4:30 David Scallan*, National University of Ireland, Galway; John McDonagh, Dr., NUIG; Kieran Hickey, Dr., NUIG, *"Neglected Rural Opportunities" What place for Country Sports in Rural Ireland?.***4:50** Geoffrey Michael George Shifflett, PhD Candidate*, University of Waterloo, *The Appropriation of Aboriginal Identities in the Marketing of the Muskoka Tourism Experience: 1900-1965.***5:10** Ryan James*, University of North Carolina Charlotte, *Casino Based Economic Develop- A Strategy for Real Growth, or Just MAUPing Up the Regional Mix?.***5:30** Nicole C Simms*, University of Minnesota, *Consuming (in)authenticity: the performance of counterfeit consumption.***5:50** Kevin J. Patrick*, Indiana University of Pennsylvania, *Atlantic City as Monopoly Board.***5606. Effect of the Built Environment on Health and Safety Issues (Sponsored by Urban Geography Specialty Group)***Room:* Harvard Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Elizabeth Groff, Institute for Law and Justice and University of Maryland

CHAIR(S): Elizabeth Groff, Institute for Law and Justice and University of Maryland

4:30 James L. LeBeau, Ph.D.*, SIU-Carbondale, *The Roles of Hotels and Motels as Crime Attractors and Generators: The Accessibility Dilemma.***4:50** Eric S. McCord*, Temple University; George Rengert, Professor, Temple University; Travis Taniguchi, Temple University, *Neighborhood Factors Associated with the Location of Illegal Drug Markets.***5:10** George F. Rengert, Professor*, Temple University; Travis Taniguchi, Temple University; Eric McCord, Temple University, *The Importance of Built Facilities to the Size of Illegal Drug Markets.***5:30** Leonore Katrin Evans, MA Candidate*, Carleton University, *Youth Safety Audits in a multicultural Canadian neighbourhood.***5607. Radical teaching in critical geographies II: Classroom activities for radical geography (Sponsored by Socialist and Critical Geography Specialty Group)***Room:* Brandeis Room, Marriott, 3rd Floor (Panel Session)

ORGANIZER(S): Salvatore Engel-DiMauro, SUNY New Paltz; Michael J. Marchman, University of Kentucky

CHAIR(S): David Correia, University Of Maine, Farmington

Panelists: Amy Trauger, Penn State University; Katrinka C. Somdahl-Sands, Macalester College; Jennifer L. Fluri, Dartmouth College; Patrick Bigger, University of Kentucky; Jennifer Giesekeing, CUNY - Graduate Center

5608. Perspectives on Geographic Complexity IV: Applications in Urban Modeling (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)*Room:* Northeastern Room, Marriott, 3rd Floor (Paper Session)

ORGANIZER(S): Moira Zellner, University of Illinois-Chicago

CHAIR(S): Alison Heppenstall

4:30 Geoffrey Caruso*, University of Luxembourg; Jean Cavailhès, INRA - France; Pierre Frankhauser, Université de Besançon - France; Dominique Peeters, Université catholique de Louvain - Belgium; Isabelle Thomas, Université catholique de Louvain - Belgium, *S-GHOST City: Self-Generating Housing, Open Space and Transportation in the city.***4:50** Fraser Morgan*, University of Auckland; David O'Sullivan, University of Auckland, *Property Developers: A behavioural supply-side investigation into the growth of the city.***5:10** Mark Birkin, University of Leeds; Dianna M. Smith*, University of Leeds, *A dynamic microsimulation model of urban housing markets.***5:30** Christine Drennon*, Trinity University, *Simulating a Complex, Adaptive System: The Mortgage Foreclosure Process in San Antonio, TX.***5:50** Yuseung Kim*, Student, *Making Infill Development Happen: The Role of Governmental Incentives, Social Network and Pedestrian Behavior.*

SATURDAY, APRIL 19**4:30 PM – 6:10 PM****5600****5610. Politics, Institutions, and Economy of Resource Use****Room:** *Suffolk Room, Marriott, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Carlos Valério Gomes, University of Florida

4:30 Kathryn Cavanaugh Tanner, PhD*, Sarah Lawrence College, *Developing Trade Partners in the Developing World: A Value Chain Analysis of the Seashell Trade Between Tanzania and India.*

4:50 Mary Njeri Kinyanjui*, Nairobi University-IDS, *Women Fish Traders in the Lake Victoria Fish Production and Marketing Chain: An Analysis of Women's Strategies for Overcoming Manifestations of Unequal Gendered Social and Spatial Relations.*

5:10 Jacob E. Fleming*, University of Wisconsin - Madison, *Tenure in Transition: Institutions of Pastoral Land Management in Kyrgyzstan.*

5:30 Carlos Valério Gomes*, Department of Geography, University of Florida; Stephen Perz, Department of Sociology, University of Florida; Jacqueline Michelle Vadjunc, Department of Geography, Oklahoma State University, *Adoption of Cattle Ranching Among Colonist Smallholders and Forest Extractivists in the Brazilian Amazon: Historical-Cultural Contrasts and Economic Explanations.*

5:50 Dinesh Paudel, PhD Student*, University of Minnesota, *Political economy of the Community Forestry in Nepal: - liberating poor from sub-ordination or a discourse for rural neo-liberalization.*

5611. Spaces of Protest, Politics, and Praxis**Room:** *Wellesley Room, Marriott, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Paul R Watts, Louisiana State University

4:30 Jason C. Young*, Miami University; Michael Gilmore, PhD, University of Oklahoma; FECONAMAI, *Indigenous Politics and Non-Representational PGIS? A Methodology for Use with the Maijuna.*

4:50 Rakibe Kulcur*, Brunel University; Rakibe Kulcur, Brunel University, *Gender invisibility in the environmental movement.*

5:10 Paul R Watts*, Louisiana State University, *Silence and immobility: Protest installations in Washington, DC.*

5:30 Elizabeth Mason-Deese*, UNC Chapel Hill, *Spaces of politics in Argentine social movements.*

5612. Critical Urban Geography - On the Ground, In the City (Sponsored by Urban Geography Specialty Group)**Room:** *Tufts Room, Marriott, 3rd Floor* (Paper Session)

ORGANIZER(S): D. James McLean; Stephanie A. Campbell, Simon Fraser University

CHAIR(S): D. James McLean

4:30 Stephanie A. Campbell*, Simon Fraser University, *Productively consuming the neighborhood: The Case of Commercial Drive, Vancouver, BC.*

4:50 Russell Johnston, Associate professor*, Dept of Communication, Popular Culture & Film, Brock University; Michael Ripmeester, Professor, Dept of Geography, Brock University, *Exploring Local Identity: The Politics of Mnemonic Landscapes.*

5:10 Martin J. Murray, Professor of Sociology*, SUNY Binghamton, *Place-Making and Boundary Marking in the Johannesburg Inner-city: Unauthorized Squatting, Evictions, and Gentrification.*

5:30 Trushna Parekh*, University of Kentucky, *Everyday Practices in a Gentrifying Neighborhood.*

5:50 Nicholas Jon Crane*, Ohio State University, *Are the punks really doing it themselves? On punk houses, their entanglement and prospects for self-determination.*

5613. Exploration and the geography of knowledge (Sponsored by Historical Geography Specialty Group)**Room:** *Simmons Room, Marriott, 3rd Floor* (Paper Session)

ORGANIZER(S): Lowri Jones, Royal Holloway, University of London; Felix FS Driver, Royal Holloway, University of London

CHAIR(S): Felix FS Driver, Royal Holloway, University of London

4:30 Charles W.J. Withers, Prof.*, University Of Edinburgh, *Historical Geographies of Dominion Science: The British Association meetings in Canada, 1884-1924.*

4:50 Lowri Jones*, Royal Holloway, University of London, *Hidden Histories of Exploration: Indigenous presence in Thomas Baines' paintings of the North Australian Expedition, 1855-56.*

5:10 K. Maria D. Lane, Ph.D.*, University of New Mexico, *Explorations and Uncertainties: Science, Law and New Mexico's Rio Grande Valley.*

5:30 Simon Naylor*, University of Exeter, *The IGY and the ice-sheet: Surveying Antarctica.*

Discussant(s): Felix FS Driver, Royal Holloway, University of London

5614. Geographies of Financialization: Another Fixes or New Stage of Global Capitalism? (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group)**Room:** *Boston Univ. Room, Marriott, 3rd Floor* (Panel Session)

ORGANIZER(S): Bongman Seo, Hitotsubashi University;

Christian Zeller, Institute of Geography, Bern

CHAIR(S): Bongman Seo, Hitotsubashi University

Panelists: Erik Swyngedouw, University of Manchester; Michael Samers, University Of Nottingham; Jane S. Pollard, Newcastle University; Bongman Seo, Hitotsubashi University; Christian Zeller, Institute of Geography, Bern; Fujio Mizuoka

5615. Governing Technologies II: Critical GIS and Urban Governance II (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**Room:** *Regis Room, Marriott, 3rd Floor* (Paper Session)

ORGANIZER(S): Wen Lin, University of Wisconsin-Milwaukee; Falguni Mukherjee

CHAIR(S): Falguni Mukherjee

4:30 John E. Harmon*, Central Connecticut State University, *Freedom of Information and the Devilish Details: Stephen Whitaker and the Town of Greenwich, Connecticut's GIS Data.*

4:50 Patti Day, Ph D. Candidate*, University of WI-Milwaukee, *The political power legal of controls on geographic information in Wisconsin.*

5:10 Kai Chi Leung*, University of Hong Kong, *Map Censorship, Information Asymmetry, and Urban Development: The Case of Shanghai.*

5:30 Wen Lin*, University of Wisconsin-Milwaukee, *Investigating the role of geographic information technologies in Chinese urban governance.*

Discussant(s): Jeremy Crampton, Georgia State University

SATURDAY, APRIL 19**4:30 PM – 6:10 PM****5600****5616. Gender, Identify and Representation****Room:** Grand Ballroom Salon A, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kathryn Davis, San Jose State University

4:30 Mariko Yabe*, UCLA, *The Silenced Voices and Bakhtin's Possibilities in Ethnographic Film.***4:50** Anna M Dempsey, Ph.D.*, University of Massachusetts, Dartmouth, *Telling the Girl's Side of the Story: Iranian New Wave Film and the Public.***5:10** Sinith Sittirak*, Thammasat University, Bangkok, Thailand; Sinith Sittirak, Thammasat University, Bangkok, Thailand, *Resisting Postcolonial Hegemonies: A Grassroots' Story of Writing and Fighting for Land Rights in Thailand (1963-2004).***5:30** Kathryn Davis, Ph.D.*, San Jose State University, *Between the Devil and the Deep Blue Sea: Recovering the Work of American Women Explorers, 1900-1950.***5617. Urban Environments****Room:** Grand Ballroom Salon B, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kevin W. Archer, University of South Florida

4:30 Sophia Morren*, University of Oklahoma, *White City to Green Roofs: A History of Sustainability in Chicago.***4:50** Gregory Tarver, Jr., M.S.*, U.C. Davis Geography, *Building community-based capacity and determining environmental benefits of urban trees in West Oakland, California.***5:10** Jason (Guangquan) Su*, University of British Columbia; Michael Brauer, School of Occupational and Environmental Hygiene, University of British Columbia; Michael Buzzelli, University of Western Ontario, *Application of Urban Micro-meteorological Properties for Estimation of Long-term Average Air Pollution Concentrations.***5:30** Kevin W. Archer, Ph.D.*, University of South Florida, *Rapidly Growing Coastal Cities: Socio-Ecological Environments in Distress.***5618. E.U. Integration****Room:** Grand Ballroom Salon C, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kenneth Johnson, SUNY-Oneonta

4:30 Georgeta Stoian Connor*, The University of Georgia, *The Rural Dimension of Romania's Integration into the European Union: The Impact of the EU Enlargement on Romanian Agriculture and Rural Areas.***4:50** Gabriel Popescu*, Indiana University South Bend, *Breaking the Westphalian mold: Cross-border cooperation and changing political territoriality.***5:10** Bostjan Rogelj*, Filozofska Fakulteta, *European Union Geopolitics Towards Bosnia and Herzegovina.***5:30** Yelizaveta Skryzhevskaya, Ph.D.*, Miami University, *Regional policy in Ukraine; challenges and new opportunities on the way of European integration..***5:50** Kenneth A. Johnson, Ph.D.*, SUNY-Oneonta, *The EU and the Issue of Turkish Accession.***5619. Forest Conservation and Management Around the World****Room:** Grand Ballroom Salon D, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Leo Charles Zulu, Michigan State University

4:30 Micha Rahder*, Yale School of Forestry & Environmental Studies, *The Limits of Conservation: Science, Forest Knowledge and Local Power in Peten, Guatemala.***4:50** Teresa Sarroca*, Yale University Master's Candidate in Forestry, *Impact of Selective Logging on Species Composition of Gulch Forests in Northern Uruguay.***5:10** Sarah Harris*, Denison University, *The Impact of British Colonial Forestry Policies on Cyprus.***5:30** Leo Charles Zulu, Dr.*, Michigan State University, *Participatory GIS in Co-management of Forest Reserves in Malawi.***5620. Responses to Disasters****Room:** Grand Ballroom Salon E, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lisa Keys-Mathews, University of North Alabama

4:30 Gregg Bowser*, Kent State University, *The Role of Official Perception and City Size in Local Government Disaster Planning.***4:50** Lyndsey Abel, Graduate Student*, Ohio University, *Measuring Community Vulnerability to Hazards: A Hurricane Study in New Orleans.***5:10** Aida Izadpanah Jahromi*, The Graduate Center, CUNY, *Young people's Environmental Experiences, Perceptions, and Interactions After Hurricane Katrina.***5:30** Herbert Longenecker III*, CIRES/Department of Geography/University of Colorado at Boulder; Douglas Bausch, Senior Physical Scientist, DHS/FEMA Region VIII, *Hurricane Katrina & HAZUS-MH: Validation of a Critical Emergency Management Flood Model.***5:50** Lisa Keys-Mathews, PhD*, University of North Alabama; Arleen A. Hill, PhD, University of Memphis, *Image Processing Techniques Applied to Post-Disaster Imagery: What Can We See?.***5621. Post-Socialist Central Asia****Room:** Grand Ballroom Salon F, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kristopher D. White, Kazakhstan Institute of Management, Economics, and Strategic Research

4:30 Diana K. Ter-Ghazaryan*, Florida International University, *A Vision for a New Yerevan: Post-Soviet Transformations and Armenian National Identity in the Cityscape of Yerevan, Armenia.***4:50** Kristopher D. White*, Kazakhstan Institute of Management, Economics, and Strategic Research, *Economic Regionalization and Central Asia.***5:10** Necati Anaz*, University of Oklahoma; Mehmet Ozkan, Linköping University, *The future of Europe in a Caucasasia - Centric World: What should be done?.***5:30** Timothy Ryan*, California State University, Northridge, *Losing the Next War: Classical Geopolitics and the Tripartite Struggle over the Eurasian Heartland.*

SATURDAY, APRIL 19**4:30 PM – 6:10 PM****5600****5622. Political Geography: Racial Inequality****Room:** Grand Ballroom Salon G, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nicholas Quinton, The Florida State University

4:30 Rachel Meltzer*, New York University; Jenny Schuetz, New York University; Vicki Been, New York University, *The Political Geography of Inclusionary Zoning Policies in the San Francisco Bay Area.*

4:50 Frederick Douzet, Associate professor*, French Institute of Geopolitics, University of Paris 8, *The Geopolitical Transition of Oakland.*

5:10 Ben Marsh*, Bucknell University; Allan Parnell, Cedar Grove Institute; Ann Joyner, Cedar Grove Institute, *Institutionalization of Racial Inequality in Local Political Geographies: Use of GIS Evidence..*

5:30 James Matthew McLees*, University of Minnesota-Duluth, *Mapping the Geographies of White Supremacism in the United States, 2001-2007.*

5:50 Gerald R. Webster, University of Wyoming; Nicholas Quinton*, Florida State University, *Seeking the End of the Jim Crow Era in Alabama.*

5623. Coastal Zone Risk, Vulnerability and Integrated Assessment**Room:** Grand Ballroom Salon H, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert E. Ford, Loma Linda University

4:30 William F Welsh, PhD*, Eastern Michigan University, Geography & Geology; Robert A Jones, PhD, Eastern Michigan University, Geography & Geology, *Integrated Assessment of Coastal Brownfield Redevelopment in Michigan: What is Coastal?.*

4:50 George Thomas Raber, PhD*, The University of Southern Mississippi; Stuart E Hamilton, University of West Florida and The University of Southern Mississippi; Sean Conner, The University of Southern Mississippi, *A Comprehensive Evaluation of the NCDDC Coastal Risk Atlas (CRA) In Reference to Hurricane Katrina Utilizing Environmental, Economic and Socio-Cultural Geospatial Data.*

5:10 Natainia Lummen, B.A. - Geography Option*, The University of The West Indies, *Vulnerability of Coastal Communities in Jamaica to the Hurricane Hazard: Case Study of Portland Cottage, in Jamaica.*

5:30 Robert E. Ford*, Loma Linda University, *Using GIS/RS/GPS for Capacity-building in Protected-Area and Coastal Zone Management in Northern Mesoamerica: The Loma Linda University (LLU) and University of Redlands (UR) Experience.*

5624. Urban Geography in Brazil**Room:** Grand Ballroom Salon I, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Tatiana Schor, Universidade Federal Do Amazonas

4:30 Daniel Joseph Hogan*, State University of Campinas; Eduardo Marandola Jr, *Intra-metropolitan mobility and socio-demographic vulnerability in the Metropolitan Region of Campinas, Brazil.*

4:50 Marta Inez M. Marques, Prof. *, São Paulo University, *Proletarianization and uneven geographic development: an analysis of the poor worker social reproduction in the urban frontier of Sao Paulo Metropolitan Area.*

5:10 Marísia Margarida Santiago Buitoni, PhD*, Associação dos Geógrafos Brasileiros, *Tourism in the small towns of the Contestado Region: Case Study of Treze Tilias, Santa Catarina State, Brazil.*

5:30 Juan Miguel Kanai*, University of California, Los Angeles, *Culture-led urban strategies across the Americas: cases from Los Angeles, Mexico City and Buenos Aires.*

5:50 Tatiana Schor*, Universidade Federal do Amazonas; Jan Bitoun, Universidade Federal de Pernambuco, *Cities of Territorial Responsibility: how the analysis of Amazonian cities can contribute to the debate on urban network world-wide..*

5625. Regional Analysis and Spatial Econometrics**Room:** Grand Ballroom Salon J, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Petra Staufer-Steinnocher

4:30 Ningchuan Xiao*, The Ohio State University, *A cooperative parallel hybrid heuristic for the p-median problem.*

4:50 Siddharth Chandra, Associate Professor*, University of Pittsburgh; Aaron M Swoboda, University of Pittsburgh, *Spatial Econometric Models of Drug Addiction and Substitution: Evidence from British India.*

5:10 Petra Staufer-Steinnocher*, Institute for Economic Geography and GIScience, Vienna University of Economics and Business Administration, *Analysing Spatio-Temporal Point Patterns -- Adaptive versus Fixed Band Width Kernel Density Estimation.*

5626. The 2008 Elections (Sponsored by Political Geography Specialty Group)**Room:** Grand Ballroom Salon K, Marriott, 4th Floor (Panel Session)

ORGANIZER(S): Robert Howard Watrel, South Dakota State University; John Heppen, University Of Wisconsin River Falls

CHAIR(S): Robert Howard Watrel, South Dakota State University

Panelists: John Heppen, University Of Wisconsin River Falls; Gerald R. Webster, University of Wyoming; Ryan Douglas Weichelt, University of Nebraska; Heather Hollen Jones, University of Oklahoma; Fred M. Shelley, University of Oklahoma; Robert Howard Watrel, South Dakota State University

5627. Medical Geography and Public Health in the United States**Room:** Nantucket Room, Marriott, 4th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stuart K. McFeeters, California State University, Fresno

4:30 Gillian AvRuskin, MS*, BioMedware, Inc.; Geoffrey Jacquez, MS, PhD, BioMedware Inc and Adjunct Associate Professor of Environmental Health Sciences; Janice Barlow, Director of Zero Breast Cancer, *Accounting for Covariates in a Spatial Temporal Analysis of Breast Cancer in Marin County.*

4:50 Kim Elmore, Pd.D. *, CDC, *Using GIS to analyze HIV/AIDS surveillance data while safeguarding data security and confidentiality.*

5:10 John DeGroote*, University of Northern Iowa GeoTREE Center; Ramanathan Sugumaran, University of Northern Iowa Geography Department; Sarah Brend, Iowa Department of Public Health; Lyric Bartholomay, Iowa State University Department of Entomology, *Associations between West Nile virus incidence in Iowa and landscape, demographic, entomological, and climatic patterns.*

5:30 Changshan Wu, Assistant Professor*, University of Wisconsin, Milwaukee; Robert S. Burlage, Associate Professor, University of Wisconsin, Milwaukee, *A Geographical Analysis of Waterborne Infectious*

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Disease: Cryptosporidium.

- 5:50** Stuart K. McFeeters, Ph.D.*, Department of Geography, California State University, Fresno; David Farley, District Manager, Fresno Mosquito and Vector Control District; Steve Mulligan, District Manager, Consolidated Mosquito Abatement District; Timothy Phillips, Assistant District Manager, Fresno Mosquito and Vector Control District, *Using Satellite Image Data in Mosquito Surveillance in the Fresno/Clovis, CA. Metropolitan Area.*

5628. New Techniques and Methods in Biogeography*Room: Provincetown Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Barry Joel Kronenfeld, George Mason University

- 4:30** Guoping Tang, 90025793*, Department of Geography, University of Oregon; Patrick J. Bartlein, Department of Geography, University of Oregon, *A new metric for the intercomprison and evaluation of vegetation model results.*

- 4:50** Youngsang Kwon*, SUNY - Buffalo; Chris P.S. Larsen, SUNY - Buffalo, *Spatial distribution of forest growth rate across the eastern USA using Forest Inventory and Analysis plot-level data and seasonal MODIS-vegetation index products..*

- 5:10** Jonathan B. Thayne*, University of Kansas; Kevin P. Price, Ph.D., University of Kansas; William I. Woods, Ph.D., University of Kansas, *Locating Amazonian Dark Earths using Vegetation Phenology as a Surrogate for Soil Type.*

- 5:30** Jacob Andrew Maas*, Texas State University-San Marcos; David R. Butler, Texas State University-San Marcos; Carol F. Sawyer, University of South Alabama, *Traumatic Resin Ducts as Indicators of Geomorphic Processes in Douglas Fir (*Pseudotsuga menziesii*) and Subalpine Fir (*Abies lasiocarpa*).*

- 5:50** Barry Joel Kronenfeld*, George Mason University; Yi-Chen Wang*, National University of Singapore, *Quantifying and Correcting for Surveyor Bias in Presettlement Land Survey Records.*

5629. Cultural Geography: Music and Dance*Room: Hyannis Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Adam Pine, University of Minnesota -- Duluth

- 4:30** Bryan Lee, undergraduate student*, Student, *A Geographic History of Psychobilly.*

- 4:50** Dan Milner*, Hunter College - CUNY, *Occupational Folk Song as a Reflection of Historical Geography.*

- 5:10** William R. Flynn*, Department of Geography, Oklahoma State University; Rachel A. Flynn, Department of Music, Oklahoma State University, *Symphonic Boomer: A Study in the Evocation of Place in the Music of Roy Harris.*

- 5:30** Erin D. Atkinson, MA Student*, University of Texas - Austin, *Dance Halls of Texas.*

- 5:50** Adam M. Pine*, University of Minnesota -- Duluth, *The World on the Salsa Floor: Dance and the creation of alternative understandings of citizenship.*

5630. International Issues of Urban Geography*Room: Orleans Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Udesch Pillay, Human Sciences Research Council

- 4:30** Stephane Olivier Picault*, Institut National De La Recherche Scientifique, *Is there a spatial structuring effect of large shopping malls? The case of Montreal's CMA.*

- 4:50** Godwin Arku*, The University of Western Ontario; Alex Boakye Asiedu, Dr., University of Ghana, Legon., *An exploration of motivations, interaction, and perception in three gated housing estates in Metropolitan Accra and Tema, Ghana.*

- 5:10** Rosalind Fredericks, PhD Candidate*, UC Berkeley, *Dirty Dakar: The Politics of Trash and Participation in Senegal's Capital City.*

- 5:30** Udesch Pillay, Dr*, Human Sciences Research Council, *The Urban Development Implications of the FIFA 2010 Soccer World Cup in South Africa.*

5631. Geospatial Semantic Web Technologies for geospatial interoperability (Sponsored by Geographic Information Science and Systems Specialty Group)*Room: Yarmouth Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Chuanrong Zhang, Kent State University, Department of Geography; Tian Zhao, University of Wisconsin -- Milwaukee

CHAIR(S): Chuanrong Zhang, Kent State University, Department of Geography

- 4:30** Myunghwa Hwang*, GeoDaCenter at Arizona State University; Luc Anselin, School of Geographical Sciences at Arizona State University, *Ontologies for Spatial Data Analytical Web Services.*

- 4:50** Mingzhen Wei*, United States Geological Survey; Dalia Varanka, USGS, *Constructing Geographical Ontologies for Integrating the National Map Data.*

- 5:10** Tian Zhao*, University of Wisconsin -- Milwaukee, Department of Computer Science; Zhong-Ren Peng, University of Florida, Department of Urban and Regional Planning; Chuanrong Zhang, Kent State University, Department of Geography, *A Data Query and Retrieval Model of Heterogeneous Geospatial Data Based on Standard Web Service Protocols.*

- 5:30** Chuanrong Zhang*, Kent State University, Department of Geography; Zhong-Ren Peng, University of Florida, Department of Urban and Regional Planning; Tian Zhao, University of Wisconsin-Milwaukee, Department of Computer Science; Weidong Li, Kent State University, Department of Geography, *Developing Ontologies from UML: An Automated Approach.*

5632. Urban Geography: Housing*Room: Falmouth Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jane Rongerude, University of California, Berkeley

- 4:30** Anne-Marie Séguin*, INRS Urbanisation Culture et Société; Viviana Riwwis, INRS Urbanisation Culture et Société, *Is the gated community residential model attractive to Montrealers?.*

- 4:50** Martine August*, University of Toronto, *Planning and the Projects: The political impacts of socially mixed public housing redevelopment.*

- 5:10** Connor M. Donegan*, University of Minnesota-Twin Cities, *Threatening Capital(?).*

- 5:30** Jane M. Rongerude*, University of California, Berkeley, *From Public Housing to Regulated Public Environments: The Redevelopment of San Francisco's Public Housing.*

SATURDAY, APRIL 19**4:30 PM – 6:10 PM****5600****5633. Urban Analysis and Land Use***Room: Vineyard Room, Marriott, 4th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sheikh Hasan, Dept. of Geography, Texas A & M University, College Station

4:30 Xuelian Meng*, Ms.; Nate Currit, Dr., *Improving urban land use classification with the aid of building related attributes.***4:50** James Raymond Wilson*, Clark University; Nagraj Rao, Clark University, *Towards a sub-1-meter Classification of Suburban northeastern Massachusetts.***5:10** Xuchu Meng*; Wei-Ning Xiang, *Incorporating Landscape Diversity into Greenway Alignment Planning Through a Two-Objective Optimization Model.***5:30** Nadeem Hashem*, Qatar University, *A Quantitative Evaluation of The Green Spaces In Greater Doha With Relation To Current Population, Using GIS & Remote Sensing.* Nadeem Hashem, Geography and Urban Planning Program, Department of Humanities, Qatar University, P. O. Box 2713, Doha, Qatar.**5:50** Sheikh Rafiq Hasan*, Dept. of Geography, Texas A & M University, College Station; Hongxing Liu, Dept. of Geography, Texas A & M University, *Analysis of Hydrological Impacts of Urbanization in San Jacinto River Basin Using Remote Sensing Data and Macroscale Hydrological Model.***5634. Land Change and Community Adaptation***Room: Maine Room, Marriott, 5th Floor (Panel Session)*

ORGANIZER(S): So-Min Cheong, University of Kansas; Daniel G. Brown, University of Michigan

CHAIR(S): Thomas J. Baerwald, National Science Foundation

Panelists: Arun Agrawal, University of Michigan; Daniel G. Brown, University of Michigan; So-Min Cheong, University of Kansas; Rinku Roy Chowdhury, University Of Miami; Kirstin Dow, University of South Carolina; William E. Easterling, Pennsylvania State University; Colin Polsky, Clark University

5635. The Geography of Health Risk Factors*Room: New Hampshire Room, Marriott, 5th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Nikki A. Williams, Texas A&M University, College Station

4:30 Akihiko Michimi*, University of Connecticut; Ellen K. Cromley, Institute for Community Research, *Cardiovascular Morbidity in the United States and England.***4:50** David P Neligan, BA*, McMaster University; Bruce Newbold, PhD, McMaster University, *Disaggregating Canadian Immigrant Smoking Statistics by Country of Birth.***5:10** Theodora Poulou, MSc*, McMaster University; Susan J Elliott, PhD, McMaster University, *An Examination of the Socio-Environmental Determinants of Overweight and Obesity in Canada.***5:30** Li Li*, Texas A&M University, *Active Transportation and Physical Activity -- A Collaborative Perspective.***5:50** Nikki A. Williams*, Texas A&M University, College Station, *A Life Path Approach to Daily Stress: initial results & procedural issues.***5636. Brownfields***Room: Vermont Room, Marriott, 5th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Winifred Curran, DePaul University

4:30 Sandra Zupan*, University of Wisconsin-Milwaukee, *Can We Say a Word, Too? Negotiating Milwaukee's Downtown Brownfield Redevelopment.***4:50** Michael Porter*, Graduate Center of the City University of New York, *Brownfields and Environmental Justice: Discursive Adaptations to Changes in the City.***5:10** Claire W. Brill*, Clark University, *Using GIS to Contrast Perceived versus Preferred Priorities for Brownfield Redevelopment in Worcester, MA.***5:30** Andrew Romanin*, York University, *Cleansing Diversity from Toronto's Neighbourhoods: A Study of Canadian Brownfield Redevelopment.***5:50** Winifred Curran*, DePaul University; Trina Hamilton*, SUNY - Buffalo, *Cleaning up to move on up: the intersections of gentrification, corporate responsibility, and community-led development.***5637. Global Competitiveness in High Technology Industries: Innovation, Regulation, and Labor Skills (Sponsored by Economic Geography Specialty Group)***Room: Massachusetts Room, Marriott, 5th Floor (Paper Session)*

ORGANIZER(S): Jennifer Clark, Georgia Institute of Technology

CHAIR(S): Jennifer Clark, Georgia Institute of Technology

4:30 Julie Silva*, University of Florida, *International Trade and The Changing Demand for Skilled Workers in High-Tech Manufacturing.***4:50** Jennifer Clark*, Georgia Institute of Technology, *Flexibility or Coordination? The Effects of National and Regional Innovation Strategies on the Photonics Industry in U.S. and Canada.***5:10** Henrietta Lake, Tufts University; Meenu Tewari*, University Of North Carolina, *Global Competitiveness and the 'Domestic' Paradox.***5:30** Smita Srinivas, Ph.D.*, Columbia University Urban Planning, TCUSP, *S&T policies or welfare regimes? Pharmaceutical markets and the history of social insurance.*

Discussant(s): Susan M. Christopherson, Cornell University

5638. Agriculture and Land Rights: International Perspectives*Room: St. George A, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mary Thompson, University of South Carolina

4:30 Evan Schmidt*, University of California, Davis; Patrick Huber, University of California, Davis; Michael C. McCoy, University of California, Davis, *A New Vision for Prioritizing Farmland in the San Joaquin Valley, California.***4:50** Nicole List*, University of Illinois at Urbana-Champaign, *Comparing Access to Statutory Land Rights for Urban and Peri-Urban Farmers in Senegal.***5:10** Brenna Vredevelde*, Yale School of Forestry & Environmental Studies, *Urban Growth and Land Cover Change in Peri-urban Watersheds of Quito, Ecuador: Trends and Contributing Factors.***5:30** Kathleen M. Kennedy, M.S. Geography*, Central Connecticut State University, *Non-governmental Organizations (NGOs) and Tourism: A Partnership for Poverty Reduction in Developing Countries.***5:50** Mary C. Thompson*, University of South Carolina, *Assigning Indigeness: Debating Forced Evictions from Digya National Park in Ghana, West Africa.*

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4:30 PM – 6:10 PM

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5639. Behavioral Geography: Accessibility and Movement**Room:** *St. George B, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kevin Krizek, University of Colorado

4:30 Navjot Kaur*, University of Nebraska at Omaha; Dr. Micheal Peterson, University of Nebraska at Omaha, *Transnational Comparison of Spatial Mobility using GPS data: Tracking University Faculty in India and the United States.***4:50** Yin Liu*, Department of Geography, University of Cincinnati; Lin Liu, Department of Geography, University of Cincinnati; Scott Smith, Department of Geography, University of Cincinnati, *Exploring routing decisions of emergency response: using the Fire Department of the City of Lebanon, Ohio as an example.***5:10** Rui Li*, The Pennsylvania State University; Scott Bell, Brown University, *Human Wayfinding Strategies in an Unfamiliar Large-scale Environment: Implementing Different Kinds of Environmental Knowledge.***5:30** Kevin Krizek*, University of Colorado, *Measuring Non-motorized Accessibility: Issues, Alternatives, and Execution.***5640. Data, Data, Data: Interoperability, Metadata, and Integration****Room:** *St. George C, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kevin Gallagher, United States Geological Survey

4:30 Beverly Renard*, Florida State University/FREAC; Stephen Hodge, Director of Technical Assistance Program, Florida State University/FREAC; Georgianna Strode, Florida State University/FREAC, *GIS Data and Analysis Fusion - A Working Strategy.***4:50** Daniel Dye*, University of South Florida, *Assessing Metadata Harvesting Potential from Geospatial Data Repositories.***5:10** Kit Na Goh*, GIS Center, ISU, *Developing a Web-based Geospatial Metadata Search Tool and Relational Database.***5:30** Stephen E King*, U.S. Geological Survey, *Geospatial Management Information System, A Product of the Data Integration and Interoperability Blueprint for the USGS.***5:50** Kevin Thomas Gallagher*, United States Geological Survey; Linda Gundersen, United States Geological Survey; Sky Bristol, United States Geological Survey; Anne Frondorf, United States Geological Survey; Thomas Gunther, United States Geological Survey, *A Data Integration and Interoperability Blueprint for USGS.***5641. Europe: Identity****Room:** *St. George D, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michelle Brym, The University of Tennessee

4:30 Elena Givental*, University of California, Davis, *Re-establishing Identity in East Europe: A Tale of Two Cities.***4:50** John C. Western*, Syracuse University, *Of Europe and of Strasbourg: Scales of Identity, Identity of Scales.***5:10** Sean P. Terry, Ph.D., Drury University, *Greek Food: Tradition vs Globalization.***5:30** Michelle J Brym*, The University of Tennessee, *The Removal of Political Barriers and the Creation of Binational Cities along European Nation-State Borders: A Case Study of Daily Life in the Polish Western Border City of Slubice.***5642. Gentrification and the Perception of the City****Room:** *Essex North-West, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Max Baber, University of Redlands

4:30 Emily Thomas Livingstone*, UNC Charlotte, *Peering down the urban hierarchy: 'Super-gentrification' in Charlotte, North Carolina?.***4:50** Laura Jude Wilson*, Georgia State University, *Participation Levels in Neighborhood Civic Associations in Relation to Stages of Gentrification.***5:10** Vincent LEPOT*, ID 900 36 592, *Which perception do the inhabitants have of the quarter of Beaubourg in Paris?.***5:30** Laura Pangallozzi*, Rutgers, *The Legal Geography of Integration Strategies in U.S. Inner Suburbs.***5:50** R. Maxwell Baber, Ph.D., FBCart.S*, University of Redlands; Paporn Thebpanya, Ph.D., Towson University, *Mental Maps of London: Perspectives from an Undergraduate Semester Abroad.***5643. Digital Learning Tools in and out of the Classroom****Room:** *Essex North-East, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Merrill L. Johnson, University of New Orleans

4:30 Alberto Giordano*, Texas State University; Lance Wisniewski, Cambridge Studios, *Teaching Cartography on the Web with a Multimedia GIS: A New Solution.***4:50** Iddrisu Adam*, University of Wisconsin - Marshfield Campus; Jim McCluskey, PhD, UW- Marathon County, *The Multigenerational Classroom in the Online Learning Environment: How different are Traditional students from Nontraditional Students?.***5:10** Michael N. DeMers, Ph.D.*, New Mexico State University, *Coyote Teaching: A Second Life for Online Geography Instruction.***5:30** Ian Irmischer*, USMA; Michael D Hendricks, USMA, *A Faculty Development Model for Using Geographic Tools in the Classroom.***5:50** Merrill L. Johnson, Ph.D., Associate Dean and Professor of Geography*, University of New Orleans, *When Geography Meets the Metaverse: Teaching Geography in Emerging 3-D Web Social Worlds.***5644. Conservation and Neoliberalism****Room:** *Essex North-Center, Westin, 3rd Floor* (Paper Session)

ORGANIZER(S): Daniel Brockington; Rosaleen Duffy, Manchester University

CHAIR(S): Peter Wilshusen, Bucknell University

4:30 George Holmes*, University of Manchester, *Neo-liberalism, power and the contradictory relationship between conservation NGOs and the state in the Dominican Republic..***4:50** Rosaleen Duffy*, Manchester University, *Neoliberalising Nature? Ecotourism in the Global System.***5:10** Peter Wilshusen*, Bucknell University, *Community Comundrums: (Mal)adaptive Governance in the Wake of Neoliberal Reforms in Southeastern Mexico.***5:30** Daniel Brockington*, IDPM, University of Manchester, *Celebrity, Conservation and Capitalism.*

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5645. Embodied Geographies*Room: Staffordshire, Westin, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Elaina Lin

4:30 Eunyoung Christina Choi*, Syracuse University, *Migrant bodies of North Koreans and space: Changing Locations and the Shifting Cartographies of Power and Identity.*

4:50 Mark Pitner, MA*, University of Washington, *Cicada-like Head and Silkworm-like Eyebrows: The Boundaries of Body in Early China.*

5:10 Elaina Lin*, *Showing Skin at Herzog & de Meuron's Tokyo Prada Epicenter: Embodying the Spectacular City.*

5646. Global Change: Climate, Land Use, Consumption, and Carbon Trading*Room: Parliament Room #1, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Robert J. Neff, UMBC (University of Maryland, Baltimore County)

4:30 Shalini P. Vajjhala, PhD*, Resources for the Future; Yatziri Zepeda Medina, Resources for the Future, *Mapping Global Adaptation Hotspots: Setting Geographic Priorities for Building Resilience to Climate Change.*

4:50 Pontus Olofsson*, Boston University, Dept. Geography and Environment; Curtis E. Woodcock, Boston University, Dept. of Geography and Environment; Inga Diasamidze, Dept. of Botany, Batumi State University, Batumi, Georgia, *Effects of Land Use Change on the Carbon Budget for the Republic of Georgia.*

5:10 Janelle Knox-Hayes*, University of Oxford, Centre for the Environment, *Building Atmospheric Liquidity: Analyzing the use of complementarities in developing a carbon market.*

5:30 Jessica C. Whitehead*, Pennsylvania State University, *Counting the Straws on the Camel's Back: A Process for Community Water Systems to Explore Climate Change Adaptive Capacity Scenarios.*

5:50 Robert J. Neff*, UMBC (University of Maryland, Baltimore County), *Urban Sprawl and Energy Consumption: The changing consumptive landscape of Philadelphia.*

5647. Ethnicity, Social Fragmentation and Change*Room: Empire Room #6, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Daniel Borough, California State University, Los Angeles

CHAIR(S): Daniel Borough, California State University, Los Angeles

Introducer: Daniel Borough

4:31 Elizabeth Lee*, California State University, Los Angeles, *Exploring the Spatial Distribution of Koreans in Metropolitan Los Angeles.*

4:51 Jennifer Kitson*, Arizona State University, *Remember When: Reconstructing Identity and Place in Historic Phoenix.*

5:11 Oren Katz*, California State University, Los Angeles, *Exploring the links between Chinese and Israeli Commune Systems and China Floating Population.*

5:31 Jesse Jen Chia Chen*, California State University Los Angeles, Geography Department, *Temperature Variability within Northwestern United States.*

Discussant(s): Daniel Borough, California State University, Los Angeles

5648. Water and Development: A Fluid Relationship IV: Water and livelihoods (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group)*Room: North Star Room #10, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Farhana Sultana, King's College London;

Jessica Budds, The Open University

CHAIR(S): Jessica Budds, The Open University

4:30 Tobias Hagmann, Dr.*, University of Zurich, *The Politics of Water Pumps: Violence, Genealogy and Political Ecology in the Ethio-Somali Borderlands.*

4:50 Abdourahmane Mbade Sène*, Laboratoire PACTE-Territoires, IGA, 14 bis avenue Marie Reynoard, 38100 Grenoble, France, *Mitigated results in relation to the construction of great hydro-agricultural works: The case of Dama and Manantali dams and their socio-economic and ecological impacts..*

5:10 Christopher Scott*, University of Arizona; Sandy Dall'erba, University of Arizona; Rolando Díaz, University of Arizona; Ana María Caliz, Tendencias - Consultores en Economía, *Groundwater Rights in Mexican Agriculture: Spatial Distribution and Social and Economic Determinants.*

5:30 Ivan Bialostosky*, University of Minnesota, *Contingent Modernities and the Socio-hydrological Relations of Development: The politics of water privatization in Delhi.*

Discussant(s): Alex Loftus, Royal Holloway, University of London

5649. Remote Sensing: Applications*Room: Defender Room #5, Westin, 7th Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Matthew E. Ramsپott*, Frostburg State University

4:30 Jahan Kariyeva*, University of Arizona; Willem J.D. van Leeuwen, Assistant Professor, University of Arizona, *Remotely Sensed Phenology Data as a Tool to Examine Landscape Response and Vulnerability to Disturbance Events.*

4:50 Ron Hayes*, Science Applications International Corporation (SAIC); Rynn Lamb, Science Applications International Corporation (SAIC); Md. Obaidul Haque, Science Applications International Corporation (SAIC); Gyanesh Chander, Science Applications International Corporation (SAIC); Esad Micijevic, Science Applications International Corporation (SAIC), *Application of Radiometric Recalibration Method for Improved Level 1 Landsat 5 Thematic Mapper (TM) Products.*

5:10 Bassil El-Masri*, Student; Abdullah F Rahman, Professor, *Estimating Climatic Influence on Spatial and Temporal Variations of Grassland Gross Primary Production: A Remote Sensing Approach..*

5:30 Matthew E. Ramsپott*, Frostburg State University; Kevin P Price, University of Kansas, *Impact of Drought on Managed Grasslands: A Multi-Scale and Multi-Year Analysis using NDVI.*

SATURDAY, APRIL 19

4:30 PM - 6:10 PM

5600

5650. The Changing Nature(s) of Land: Property, Peasants and Agricultural Production in the Global World**Room:** Adams Room #2, Westin, 7th Floor (Panel Session)

ORGANIZER(S): Diana Gildea

CHAIR(S): Diana Gildea

Panelists: Laura Brewington, University of North Carolina - Chapel Hill; Tamara Johnson, University of North Carolina - Chapel Hill; Angela Cacciarru, University of North Carolina at Chapel Hill; Murat Es, University of North Carolina; Linda Elizabeth Quiquix, University of North Carolina, Chapel Hill; Diana Gildea

5651. Employment, Wages, and Urban Growth and Change**Room:** Great Republic #7, Westin, 7th Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rainer Vom Hofe, University of Cincinnati

4:30 Remy barbonne*, INRS-UCS; Richard Shearmur, INRS-UCS; William Coffey, Université de Montreal, *The impact of the intra-metropolitan employment structure on commuting within the Montreal metropolitan region : 1998-2003.*

4:50 Jonathan Kozar*, University of North Carolina at Charlotte, *Spatiotemporal Diffusion of High Wage Services in North Carolina.*

5:10 Bastiaan De Goei*, University of Cambridge; Martijn Burger, Erasmus University Rotterdam; Frank van Oort, Utrecht University; Michael Kitson, University of Cambridge, *Networks and the City: The Greater South East as Urban Network?*

5:30 Rainer Vom Hofe*, University of Cincinnati; Oana Mihaescu, University Of Cincinnati, *Identifying Inter-Industry Linkages in Regional Industrial Clusters: The Metalworking Cluster in Chicago.*

5656. GIS and Water Resource**Room:** Beacon B, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jingfen Sheng, University of Southern California

4:30 Wenbao LIU*, Queen's University; DongMei Chen, Queen's University, *The effects of grid sizes on topographic parameterization of small watersheds.*

4:50 Hongyan Chen*, *Integration of Models into GISystems for Decision Support.*

5:10 Jason R Wittenbrader*, Graduate Student, *Stormwater Regulations and Scale: a GIS Model, Plum Run Watershed, Pennsylvania.*

5:30 Jingfen Sheng*, University of Southern California; John P Wilson, University of Southern California, *Effects of Watershed Aggregation on a Water Quality Model in an Urban Landscape.*

5657. Understanding the Urban Landscape Through GIS and Remote Sensing**Room:** Beacon D, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Annemarie Schneider, Center for Sustainability and the Global Environment

4:30 Shuo-Sheng Wu*, Texas State University-San Marcos, *Using Geometrical, Textural, And Contextual Information Of Land Parcels For Classification Of Detailed Urban Landuse.*

4:50 Adam T. Naito*, The Pennsylvania State University, *An Ecological Impact Assessment of Urban Sprawl in Unincorporated Jefferson County, Colorado.*

5:10 Hwahwan Kim*, University of Georgia, *Mapping and estimating the Daily Space-Time Dynamics of Urban Population Distribution.*

5:30 David C Viertel*, Eastern Illinois University, *Skimming The City's Surface: Exploring Patterns in Classified Urban Lidar Data.*

5:50 Annemarie Schneider*, Center for Sustainability and the Global Environment, Nelson Institute for Environmental Studies, University of Wisconsin-Madison; Mark A. Friedl, Department of Geography, Boston University; David Potere, Office of Population Research, Princeton University, *Monitoring urbanization and urban expansion globally: challenges and opportunities.*

5658. Using Remote Sensing to Examine Land Use Issues in Latin America**Room:** Beacon E, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeanine Rhemtulla

4:30 Andrew J. Miller*, University of Cincinnati, *Modeling Slope Failure Related to Land Development near Dominical, Costa Rica.*

4:50 Izaya Numata*, South Dakota State University; Mark A Cochrane, South Dakota State University; Dar A Roberts, University of California Santa Barbara, *Dynamics of forest edges in Rondonia.*

5:10 Carolina Santos, M.A.*, Center for Global change and Earth Observations. Department of Geography. Michigan State University; Joseph P. Messina, Ph.D., Center for Global change and Earth Observations. Department of Geography. Michigan State University, *Multi-Sensor Data Fusion for Modeling African Palm in the Ecuadorian, Amazon.*

5:30 Matthew Purdy*, University of Wisconsin-Madison, *Seeing the Blue Revolution: A Multi-Scalar Approach to Understanding Land-Use/Land-Cover Change in the Gulf of Fonseca, Honduras.*

5:50 Jeanine M Rhemtulla*, McGill University, Dept. Geography; Oliver T Coomes, McGill University, Dept. Geography, *Landscapes of Inequality: Shifting Cultivation, Asset Holding and Land Cover Change in the Peruvian Amazon.*

5659. Transportation Geography Applications**Room:** Beacon F, Sheraton, 3rd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael P. Peterson, U of Nebraska-Omaha

4:30 Geri Pepe*, ESRI, *Modeling cost surfaces and calculating the least expensive route for a new railroad construction using ArcGIS Spatial Analyst.*

4:50 Timothy C. Matisziw*, Center for Urban and Regional Analysis, The Ohio State University; Alan T. Murray, Department of Geography, The Ohio State University; Tony H. Grubec, Department of Geography, Indiana University, *Strategic Infrastructure Restoration.*

5:10 Ritvik Sahajpal*, University of Maryland College Park; Catherine Dibble, Assistant Professor, University of Maryland College Park, *Restoring Network Performance Following An Interdiction Attack.*

5:30 Michael P. Peterson*, U of Nebraska-Omaha; Jochen Wendel, University of Colorado - Boulder, *A Cartographic Analysis of Air Traffic Patterns.*

SATURDAY, APRIL 19**4:30 PM – 6:10 PM****5600****5660. GIS Analytics: Community GIS and Mapping***Room: Beacon G, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ann E. Larimore, University of Michigan

4:30 Daniel S. Berkowitz*, National Weather Service,
*Comparison of Virtual Globe Technologies for
Depiction of Radar Beam Propagation Effects and
Impacts.*

4:50 Jeroen Wagendorp*, Grand Valley State University, *Private
Sector to the Rescue: the Odd Unification of Eighteen
Years of Public Sector GIS in Michigan..*

5:10 Daniel Regis Filho*, Universidade do Estado de Santa
Catarina; Darcy L. Boellstorff, Bridgewater State
College, *Campus-Based Webmapping for Commuter
Greenhouse Gas Emissions Inventory and Future
Offset Planning.*

5:30 Timothy Hawthorne*, Ohio State University Dept. of
Geography; Mei-Po Kwan, Ohio State University Dept.
of Geography, *Seeing Through the Smoke: Exploring
Smoke Free Ohio with Public Participation GIS.*

5:50 Ann E. Larimore*, University of Michigan; Sandra L.
Arlinghaus, University of Michigan; Robert J. Haug,
University of Michigan, *The Quest for Peace in
the Middle East: Visualizations of Conflict with the
GEOMAT Web Architecture Methodology.*

5661. Instructional Aspects of GIS*Room: Beacon H, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Aileen R. Buckley, ESRI

4:30 Georgianna Strode, M.A. International Affairs*, Florida
State University/FREAC, *Introduction and Evaluation
of a GIS-based, Interactive Learning Tool for the
Classroom.*

4:50 Rex G. Cammack*, University of Nebraska Omaha,
*Geospatial Education: Geography vs. Technology vs.
Liberal Arts.*

5:10 Alexander Mandel*, University of California, Davis, *Open
Source GIS course development through directed group
study.*

5:30 William A. Wetherholt*, University of North Dakota
Geography Department; Bradley C. Rundquist, Ph.D.,
University of North Dakota Geography Department,
Ethics in U.S. Remote Sensing Education.

5:50 Aileen R. Buckley*, ESRI, Inc.; Charlie Frye, ESRI, Inc.,
*Web Delivery of Cartographic Concepts and Best
Practices.*

5662. Windpower Variability*Room: Kent, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Brian M. Cacchiotti, Salem State College

4:30 Matthias Fripp*, Energy and Resources Group, U.C.
Berkeley, *Modeling Large Shares of Wind and Solar
Power in the California Electric System.*

4:50 Casey Dombert*, Central Washington University, *Wind
Variability: Economic Implications for Electricity
Provision.*

5:10 Weiping Li*, Oklahoma State University; Stephen J.
Stadler, Oklahoma State University, *Exploration
of Spatial Variances of the Complementary Nature
between Wind Power and Solar Radiation.*

5:30 Brian M. Cacchiotti*, Salem State College, *10-minute wind
variability in a 90m tower in SW Minnesota.*

5663. Water Availability and Quality*Room: Jefferson, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Roscoe Sopiwnik, Leggett, Brashears & Graham, Inc. and the University of Minnesota Graduate Scho

4:30 Kamal Alsharif, Assistant Professor*, University of South
Florida, *Evaluating the Domestic Water Use Technical
and Financial Indicators in the Palestinian Territories.*

4:50 Daniel Sambu*, Oklahoma University, *Watering Down
Poverty: Alleviating Water Poverty through Spatial
Targeting of Water Resource Development and Supply
in Kenya.*

5:10 Anne Wambersie*, University of Tennessee; Carol P
Harden, PhD, University of Tennessee, *Comparison of
Suspended Sediment and E.Coli in Two Different East
Tennessee Streams.*

5:30 Erin L. Araujo, BS*, Hunter College, *The price of water
and space: the political ecology of water scarcity and
resistance in San Cristobal de las Casas, Chiapas,
Mexico.*

5:50 Roscoe F Sopiwnik, Environmental Scientist*, Leggett,
Brashears & Graham, Inc. and the University of
Minnesota Graduate Scho, *A Hydrogeologists
Perspective On The Ethanol Industry.*

5664. Species Sustainability and Environmental Change*Room: Exeter, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Suzi Wiseman, Texas State University - San Marcos

4:30 Joanne E. Stewart*, University of Denver, *Distribution
and Differential Habitat Use of Bats Along a Prairie
Riparian Corridor in Eastern Montana.*

4:50 John Wall*, Carleton University, *In the Company of
Strangers: Thinking Wildlife Conservation through
New Animal Geographies.*

5:10 Agung Nugroho*, Department of Geography University of
Hawaii Manoa, *Contesting Cultural Perceptions and
Conservation Principles Towards the Protection of
Sumatran Tiger (Panthera tigris sumatrae).*

5:30 Amber Bagherian, Master's Candidate*, Penn State
University; Thomas L. Serfass, Professor, Frostburg
State University; Robert P. Brooks, Professor, Penn
State University, *The Trek Across the Prairie: A Study
of Mustelid (Weasel) Dispersal, Distribution, and
Habitat Fragmentation.*

5665. Environmental Education and Public Awareness*Room: Berkeley, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Timothy W. Luke, Virginia Tech

4:30 Patricia Ballamingie, Ph.D.*, Carleton University; Sherrill
Johnson, Ph.D., *Environmental Scholars: Engaging
Beyond the Academy.*

4:50 Linda E Kruger, PhD*, US-FS, *Engaging youth in nature:
The White Pass Discovery Team.*

5:10 Philip Birnie*, Ohio State University, *An unattainable
truth: problems of knowledge creation and exchange
regarding issues of climate change.*

5:30 Timothy W. Luke*, Virginia Tech, *"Break Through
or Thoroughly Broken: An Assessment of
Postenvironmentalism".*

SATURDAY, APRIL 19

4:30 PM - 6:10 PM

5600

5666. Modeling of Winds, Precipitation, and Mesoscale Convective Complexes*Room: Hampton A, Sheraton, 3rd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Justin Schoof, Department of Geography and Environmental Resources, SIUC

4:30 Josh Durkee*, University of Georgia, *Climatological variations in subtropical South American precipitation attributed from mesoscale convective complexes.***4:50** Ahmed Salahuddin*, Atmospheric Science Laboratory, Coastal Resources Management, East Carolina University, Greenville, NC 27858; Scott Curtis, Atmospheric Science Laboratory, Department of Geography, East Carolina University, Greenville, NC 27858, *Diurnal Cycle of Mesoscale Convective Systems over the Indo-Pacific Region using Tropical Rainfall Measuring Mission Measurements.***5:10** Erin Leigh Bunting*, University of Florida, *Relating the Radius of Gale-Force Winds to the Rain Shield of Landfalling Tropical Cyclones.***5:30** Neil P. Barton*, Center for Climatic Research, Department of Geography, University of Delaware; Ashley Satinsky, Center for Climatic Research, Department of Geography, University of Delaware; Dana E. Veron, Dr., College of Marine and Earth Studies, University of Delaware, *Analysis of Winds over Delaware Bay using Observations and Modeling.***5:50** Justin T Schoof*, Department of Geography and Environmental Resources, SIUC, *The Multivariate Spectral Weather Generator: Improvements and Application to Diverse US Climates.*

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Cultural Geography

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Economic Geography

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Global Change

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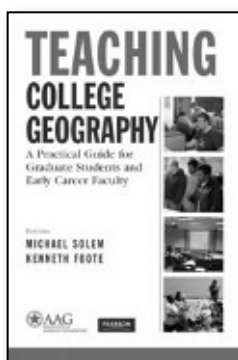
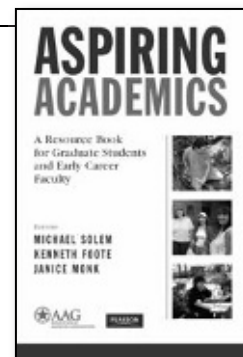
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Wednesday, April 16

<i>Academic Publishing for Graduate Students and Early Career Faculty</i>	8 a.m. - 10 a.m.	Stanley D. Brunn, University of Kentucky
<i>Looking Beyond the Lecture: Promoting Significant Learning in Large Classes</i>	1 p.m. - 4 p.m.	Douglas W. Gamble, UNC Wilmington

Thursday, April 17

<i>Advising Students in Geography</i>	8 a.m. - 10 a.m.	Fred M. Shelley, Univ. of Oklahoma; Adrienne M. Proffer, Univ. of Central Oklahoma
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Friday, April 18

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NOTE: All workshops are to be held in the Marriott - Falmouth Room.

