

THE ASSOCIATION OF AMERICAN GEOGRAPHERS



AAG

ASSOCIATION *of*
AMERICAN GEOGRAPHERS

2009 ANNUAL MEETING

MARCH 22 - 27, 2009

LAS VEGAS, NEVADA

PROGRAM

The Association of American Geographers

1710 Sixteenth Street, NW

Washington, DC 20009-3198

Phone (202) 234-1450

Fax (202) 234-2744

Web www.aag.org

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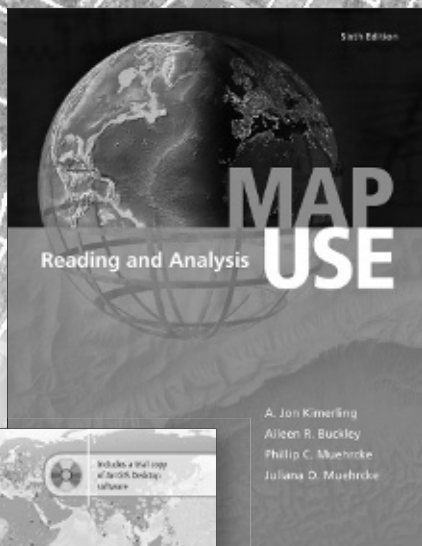


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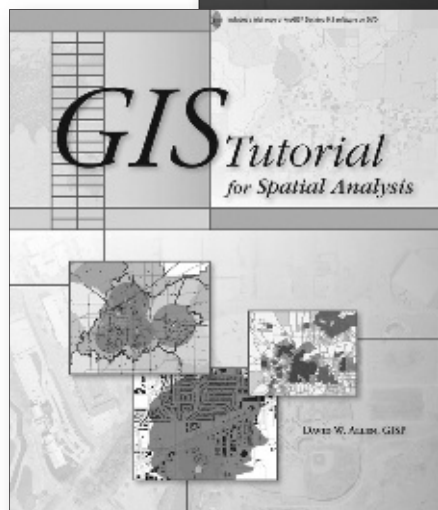
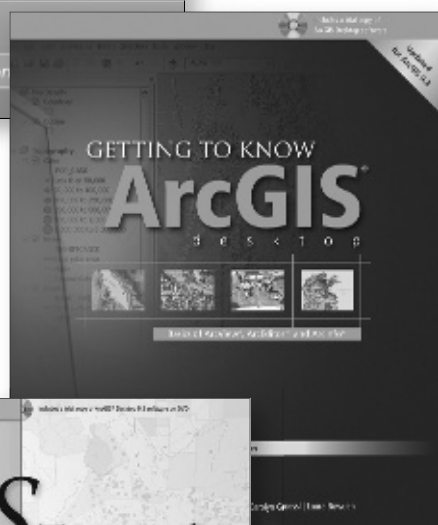
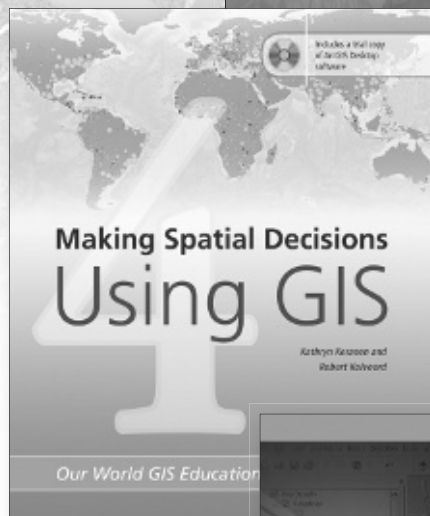
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Presenting author(s) are indicated with an asterisk ().*

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GENERAL INFORMATION

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 the bell stand of the Las Vegas Riviera Hotel.

CHILD CARE

AAG will provide limited reimbursement to *registered attendees* for necessary child care expenses *incurred during the meeting* at a licensed child care agency at the subsidy 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 Las Vegas; no reimbursement is made for child care at your home while you are in Las Vegas or for childcare provided by anyone other than a licensed childcare agency. All child care arrangements should be made by the individual attendee. Licensed childcare agencies in the Las Vegas area include: Artsy Nannies, 702-448-4352 (www.artsynannies.com) and Nannies and Housekeepers USA, 702-451-0021 (www.nahusa.com). 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 in the Foyer near the Grande Ballroom in the Riviera Hotel) 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 Grande Ballroom on the 1st Floor of the Las Vegas Riviera Hotel.

EXHIBIT HALL HOURS

Monday, March 23

6:15 p.m. - 8:30 p.m. International Networking
Reception in the Exhibit Hall

Tuesday, March 24

9:30 a.m. - 4:30 p.m. Exhibit Hall Open
2:40 p.m. *Coffee Break in Hall*

Wednesday, March 25

10:00 a.m. - 4:30 p.m. Exhibit Hall Open
2:40 p.m. *Coffee Break in Hall*

Thursday, March 26

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

GENERAL INFORMATION

INTERNET ACCESS

Complimentary wireless internet access will be available at the Las Vegas Convention Center in the lobby, common areas and food court area (not in meeting rooms) for a maximum of one 30-minute session per calendar day. A 24-hour pass may be purchased for a fee. Complimentary internet stations also will be provided by the AAG to conference attendees in the Riviera Hotel Grande Ballroom Foyer, located on the 1st Floor of the hotel. As a courtesy to other conference attendees, please limit your time at the internet stations to 20 minutes. The Riviera Hotel also offers internet access for a fee across from the Grande Ballroom and in hotel rooms.

MEETING VENUES

Sessions, workshops and special events will take place in either the Las Vegas Riviera Hotel or the Las Vegas Convention Center. All field trips will depart from the Riviera Convention Center Lobby, across from the AAG Registration Desk.

Las Vegas Riviera Hotel

2901 Las Vegas Blvd., South
Las Vegas, NV 89109
(800) 634-3420

Las Vegas Convention Center

850 Las Vegas Blvd., North
Las Vegas, NV 89101
(702) 386-7100

To Access the session rooms in the Las Vegas Convention Center, exit the Riviera near the Capri meeting rooms (across from the business center). Cross the Riviera parking lot and enter the convention center parking lot. Look to your left and you will see the Las Vegas Convention Center (see photo of entrance on page 14). Upon entering the building follow the signs to the N meeting rooms (located on the East Concourse).

NON-SMOKING POLICY

The AAG maintains a non-smoking policy in all meeting rooms, the exhibit area, and the registration area. Smoking is allowed only in designated smoking areas of the hotel.

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 at the West Registration Desk in the Grande Ballroom Foyer on the 1st Floor of the Las Vegas Riviera Hotel. Registration will be open during the following hours:

Saturday, March 21	4:00 p.m. - 7:00 p.m.
Sunday, March 22	10:00 a.m. - 7:00 p.m.
Monday, March 23	7:00 a.m. - 6:00 p.m.
Tuesday, March 24	7:00 a.m. - 6:00 p.m.
Wednesday, March 25	7:30 a.m. - 6:00 p.m.
Thursday, March 26	7:30 a.m. - 5:30 p.m.
Friday, March 27	7:30 a.m. - 10:00 a.m.

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Make a Difference.

Help give science a greater voice in Washington, DC! Since 1973, AAAS Fellows have applied their skills to federal decision-making processes that affect people in the U.S. and around the world, while learning first-hand about the government and policymaking.

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Year-long fellowships are available in the U.S. Congress and federal agencies. Applicants must hold a PhD or equivalent doctoral-level degree in any behavioral/social, biological, medical/health, or physical science, or any engineering discipline. Individuals with a master's degree in engineering and three years of post-degree professional experience also may apply. Federal employees are not eligible and U.S. citizenship is required.

Apply.

The application deadline for the 2010-2011 AAAS Fellowships is 15 December 2009. Fellowships are awarded in the spring and begin in September. Stipends range from \$70,000 to \$92,000.

Note: Additional fellowships are available through approximately 30 scientific society partners. Individuals are encouraged to apply with AAAS as well as with any scientific societies for which they qualify.

Full details at: **fellowships.aaas.org**



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Christina Kakoyannis, PhD

Forest Resources,
Oregon State University

2005-2007 AAAS Fellow
at the U.S. Environmental
Protection Agency in the
Office of Environmental
Policy Innovation,
Evaluation Support Division

Now an evaluation officer
at the National Fish and
Wildlife Foundation in
Washington, DC

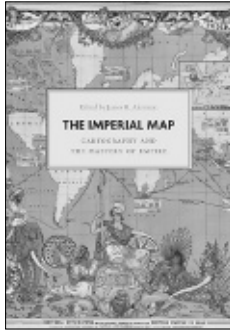


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VISIT US AT OUR INFO SESSION: March 25th, at 5:20 in Capri Meeting Room 108

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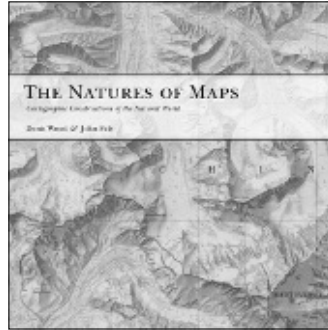
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LAS VEGAS RIVIERA HOTEL

LOCATION OF MEETING ROOMS

Rooms by Floor:

Riviera Hotel, 1st Floor

Capri 101
 Capri 102 (*JIG Center*)
 Capri 103
 Capri 104
 Capri 105
 Capri 106
 Capri 107
 Capri 108
 Capri 109
 Capri 110
 Capri 112
 Capri 113
 Capri 114
 Capri 115
 Capri 116
 Grande Ballroom Foyer (*AAG Booth, Registration Desk, Conference Assistant Desk, Internet Stations*)
 Grande Ballroom ABEF (*Exhibit Hall*)
 Grande Ballroom C
 Grande Ballroom D
 Grande Ballroom G
 Grande Ballroom H
 Royale Pavilion 1
 Royale Pavilion 2
 Royale Pavilion 3
 Royale Pavilion 4
 Royale Pavilion 5
 Royale Pavilion 6
 Royale Pavilion 7
 Royale Pavilion 8

Riviera Hotel, 2nd Floor

Skybox 201
 Skybox 202
 Skybox 203
 Skybox 204
 Skybox 205
 Skybox 206
 Skybox 207
 Skybox 208
 Skybox 209
 Skybox 210
 Skybox 211
 Skybox 212

Riviera Hotel, Monaco Tower, 2nd Floor

Monaco 13 (*Speaker Ready Room*)
 Monaco 14 (*Press Room*)
 Monaco 15
 Monaco 16
 Monaco 17

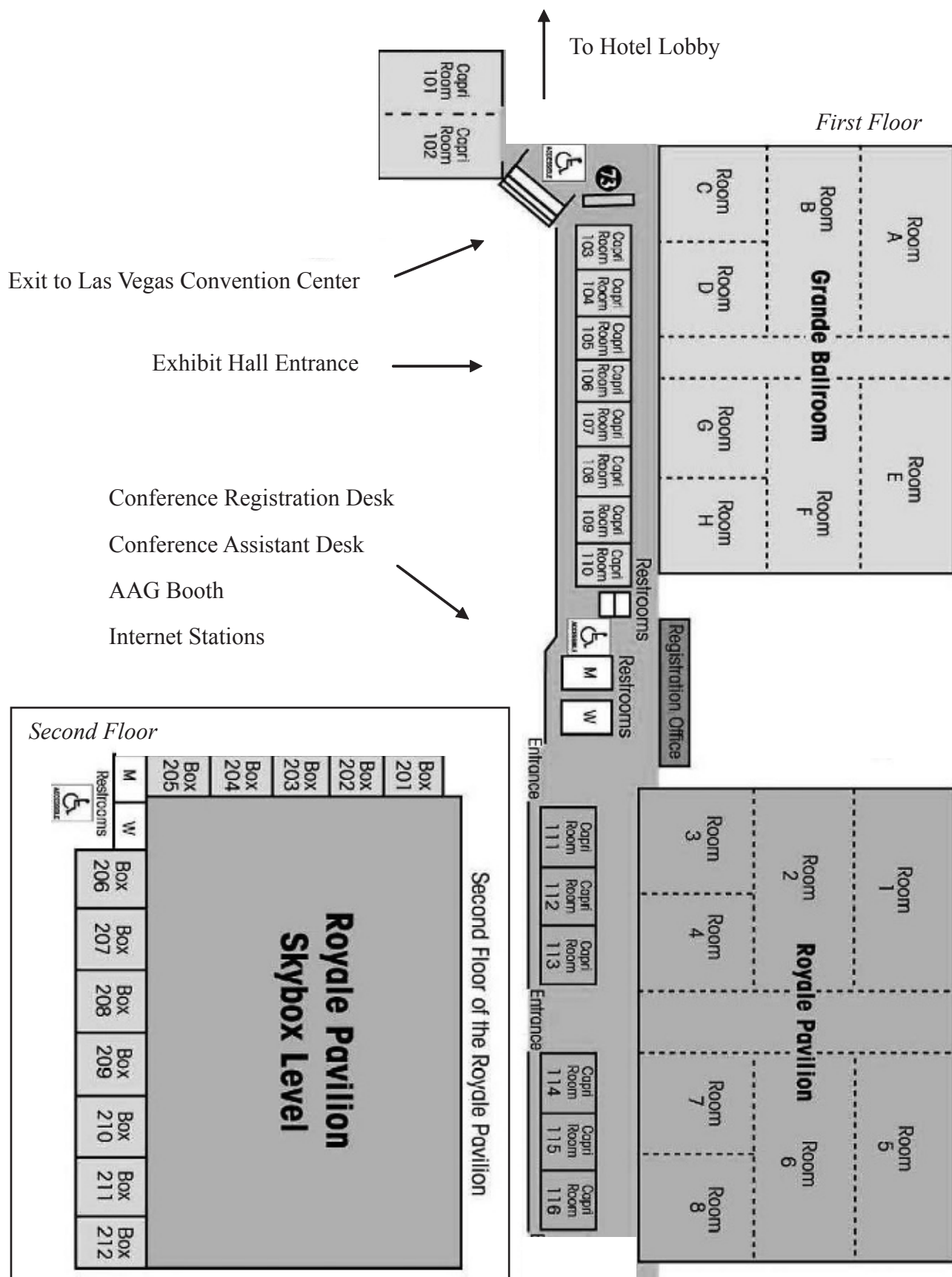
Riviera Hotel, Monaco Tower, 24th Floor

Top of the Riv Ballroom North
 Top of the Riv Ballroom South

Rooms Alphabetically:

Capri 101	Riviera Hotel, 1st Floor
Capri 102	Riviera Hotel, 1st Floor
<i>(JIG Center)</i>	
Capri 103	Riviera Hotel, 1st Floor
Capri 104	Riviera Hotel, 1st Floor
Capri 105	Riviera Hotel, 1st Floor
Capri 106	Riviera Hotel, 1st Floor
Capri 107	Riviera Hotel, 1st Floor
Capri 108	Riviera Hotel, 1st Floor
Capri 109	Riviera Hotel, 1st Floor
Capri 110	Riviera Hotel, 1st Floor
Capri 112	Riviera Hotel, 1st Floor
Capri 113	Riviera Hotel, 1st Floor
Capri 114	Riviera Hotel, 1st Floor
Capri 115	Riviera Hotel, 1st Floor
Capri 116	Riviera Hotel, 1st Floor
Grande Ballroom Foyer	Riviera Hotel, 1st Floor
<i>(AAG Booth, Registration Desk, Conference Assistant Desk, Internet Stations)</i>	
Grande Ballroom ABEF	Riviera Hotel, 1st Floor
<i>(Exhibit Hall)</i>	
Grande Ballroom C	Riviera Hotel, 1st Floor
Grande Ballroom D	Riviera Hotel, 1st Floor
Grande Ballroom G	Riviera Hotel, 1st Floor
Grande Ballroom H	Riviera Hotel, 1st Floor
Monaco 13	Riviera Hotel, 2nd Floor
<i>(Speaker Ready Room)</i>	
Monaco 14	Riviera Hotel, 2nd Floor
<i>(Press Room)</i>	
Monaco 15	Riviera Hotel, 2nd Floor
Monaco 16	Riviera Hotel, 2nd Floor
Monaco 17	Riviera Hotel, 2nd Floor
Royale Pavilion 1	Riviera Hotel, 1st Floor
Royale Pavilion 2	Riviera Hotel, 1st Floor
Royale Pavilion 3	Riviera Hotel, 1st Floor
Royale Pavilion 4	Riviera Hotel, 1st Floor
Royale Pavilion 5	Riviera Hotel, 1st Floor
Royale Pavilion 6	Riviera Hotel, 1st Floor
Royale Pavilion 7	Riviera Hotel, 1st Floor
Royale Pavilion 8	Riviera Hotel, 1st Floor
Skybox 201	Riviera Hotel, 2nd Floor
Skybox 202	Riviera Hotel, 2nd Floor
Skybox 203	Riviera Hotel, 2nd Floor
Skybox 204	Riviera Hotel, 2nd Floor
Skybox 205	Riviera Hotel, 2nd Floor
Skybox 206	Riviera Hotel, 2nd Floor
Skybox 207	Riviera Hotel, 2nd Floor
Skybox 208	Riviera Hotel, 2nd Floor
Skybox 209	Riviera Hotel, 2nd Floor
Skybox 210	Riviera Hotel, 2nd Floor
Skybox 211	Riviera Hotel, 2nd Floor
Skybox 212	Riviera Hotel, 2nd Floor
Top of the Riv Ballroom North	Riviera Hotel, Monaco Tower, 24th Floor
Top of the Riv Ballroom South	Riviera Hotel, Monaco Tower, 24th Floor

FLOOR PLAN



LAS VEGAS CONVENTION CENTER

Directions to the Las Vegas Convention Center from the Riviera Hotel:

To access the session rooms in the Las Vegas Convention Center, exit the Riviera near the Capri meeting rooms (across from the business center). Cross the Riviera parking lot and enter the convention center parking lot. Look to your left and you will see the Las Vegas Convention Center (photo of entrance below).

Upon entering the building follow the signs to the N meeting rooms (located on the East Concourse).

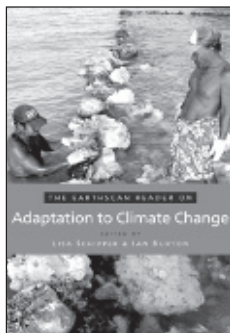
Las Vegas Convention Center Entrance:



Meeting Rooms Alphabetically:

North Hall N101
North Hall N102
North Hall N103
North Hall N107
North Hall N108
North Hall N109
North Hall N110
North Hall N111
North Hall N112
North Hall N113
North Hall N114
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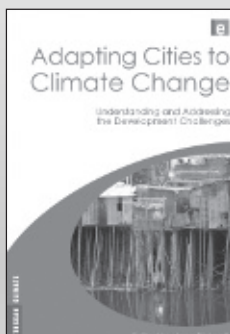


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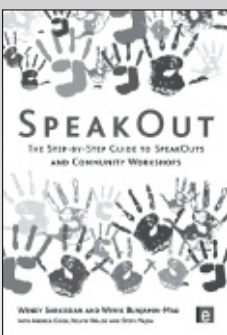
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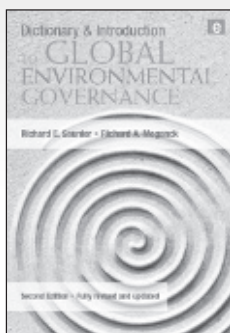
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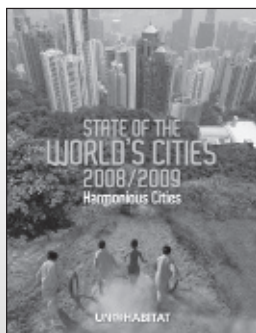
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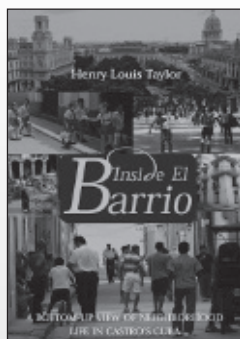
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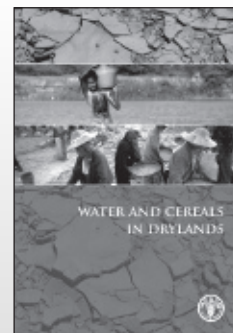
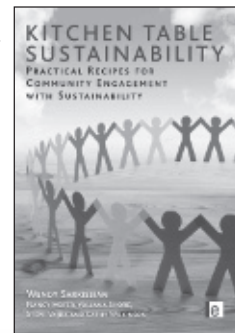
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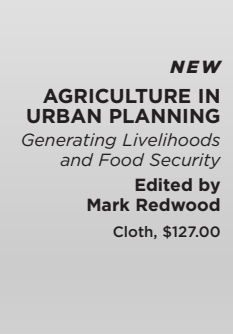
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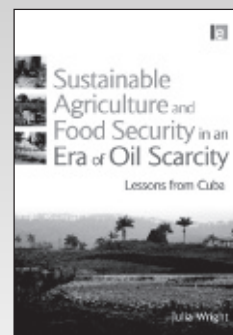
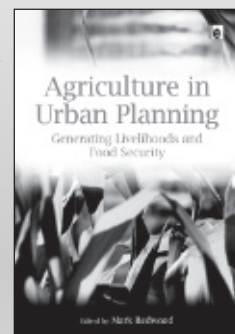
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PLENARY SESSIONS

PRESIDENTIAL PLENARY

The Future of Water in the American West

Sunday, March 22, 6:00 p.m. - 7:30 p.m.

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor*

Organized by: Association of American Geographers

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

Introduction: **John A. Agnew**, University of California, Los Angeles

Speakers:

Glen MacDonald is Professor of Geography and Ecology and Evolutionary Biology at the University of California in Los Angeles. He is well known for his research on long-term trends in climate and precipitation in the Mountain West.

Patricia Gober is a Professor in the School of Geographical Sciences and the School of Sustainability at Arizona State University. She is Co-director of the Decision Center for a Desert City at ASU and has recently undertaken a major research project on the role of water in the growth of metropolitan Phoenix.

James Powell is Executive Director of the National Physical Science Consortium at the University of Southern California and has published on the geological history of the Grand Canyon and on the relationship between Lake Powell's shrinkage and climate change.

William E. Rinne is Director of the Surface Water Resources Department of the Southern Nevada Water Authority. He has long been actively involved in the management of the Colorado River and the supply of water to the city of Las Vegas.

The four speakers will address the theme of water in the American West from a variety of perspectives, illustrating the interconnectedness of human and physical geography as well as the profound significance of water in this region of rapid urbanization and longstanding commercial agriculture.

James Powell's appearance is supported by the Decade of Behavior Distinguished Lecture Program.

PAST PRESIDENT'S ADDRESS

by **THOMAS J. BAERWALD**

Prospects for Geography as an Interdisciplinary Discipline

Monday, March 23, 5:15 p.m. - 6:15 p.m.

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor*

Introduction: **John A. Agnew**, University of California, Los Angeles

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

Baerwald will discuss the relationship of geography to other disciplines, the role that geographers can play in interdisciplinary collaborations, and opportunities to advance geography, other fields, and society through interdisciplinary collaborations. He also will identify challenges posed by interdisciplinary research as well as ways geographers can help meet those challenges. Baerwald's comments will draw on more than 20 years of experience at the National Science Foundation, where he has encouraged, evaluated, and supported basic research in geography and in a range of interdisciplinary competitions.

His comments also will draw on scholarly studies that have examined the conduct of both geographic and interdisciplinary research and observations of dozens of geographers and other scholars who have engaged in interdisciplinary collaborations.

Baerwald will reflect on the nature of geography as a discipline that is interdisciplinary in character and that integrates well with other disciplines. He also will offer suggestions regarding ways that geographers can use the field's distinctive perspectives and approaches to advance research and education within and beyond geography.

The AAG Presidential Achievement Award also will be presented to **Thomas J. Wilbanks** prior to the Past President's Address.

BROWN BAG PLENARY

Geography, GIS, and Africa

Wednesday, March 25, 12:20 p.m. - 1:00 p.m.

Room: *Capri 101, Riviera Hotel, 1st Floor*

Speaker: **Jack Dangermond**, President, ESRI

Journals of the Association of American Geographers



Annals of the Association of American Geographers

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2007 Impact factor: 2.962

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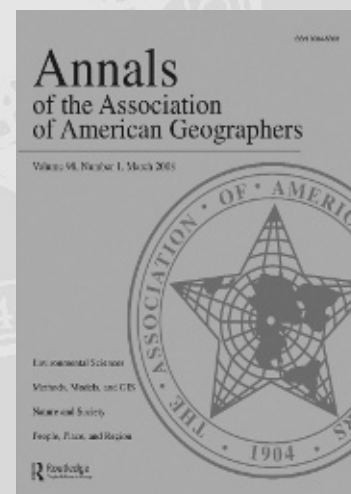
Journal Citation Reports®

Editors: Richard Aspinall, Audrey Kobayashi,

Mei-Po Kwan and Karl Zimmerer

Volume 99, 2009, 5 issues per year

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.



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The Professional Geographer

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Editor: Sharmistha Bagchi-Sen

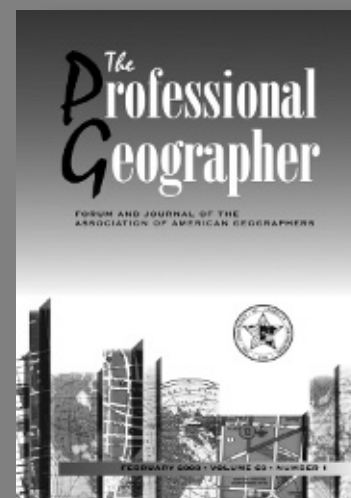
Volume 61, 2009, 4 issues per year

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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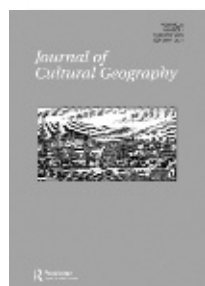
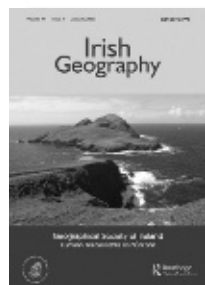
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GEOGRAPHY

Australian Geographer

Journal of the Geographical Society of New South Wales

2007 Impact factor: 0.809

Ranked 28/44 (Geography)*

Editor-in-Chief: **John Connell**, University of Sydney, Australia

Volume 40, 2009, 4 issues per year

Children's Geographies

Advancing interdisciplinary understanding of younger people's lives

Editor: **Hugh Matthews**, University of Northampton, UK

Volume 7, 2009, 4 issues per year

City

Analysis of urban trends, culture, theory, policy, action
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Editor: **Bob Catterall**

Volume 13, 2009, 4 issues per year

Gender, Place and Culture

A Journal of Feminist Geography

2007 Impact factor: 0.635

Ranked 11/28 (Women's Studies)*, 31/44 (Geography)*

Managing Editor: **Brenda Yeoh**, National University of Singapore, Singapore

Volume 16, 2009, 6 issues per year

Geocarto International

Editors: **Kamlesh Lulla**, NASA/Johnson Space Centre, USA;

M. Duane Nellis, Kansas State University, USA and

Bradley Rundquist, University of North Dakota, USA

Volume 24, 2009, 6 issues per year

Geopolitics

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

Simon Dalby, Carleton University, Canada

Volume 14, 2009, 4 issues per year

International Journal of Digital Earth

Official Journal of the International Society

for Digital Earth

Editor-in-Chief: **Guo Huadong**, Chinese Academy of Sciences,

Beijing, China

Volume 2, 2009, 4 issues per year

International Journal of Geographical

Information Science

2007 Impact Factor: 1.822

Ranked 7/56 (Information Science & Library Science)*, 11/44

(Geography)*, 14/31 (Geography, Physical)*,

18/92 (Computer Science, Information Systems)*

Editor: **Brian Lees**, University of New South Wales, Australia

Volume 23, 2009, 12 issues per year

International Journal of Remote Sensing

An official journal of the Remote Sensing and

Photogrammetry Society

2007 Impact Factor: 0.987

Ranked 5/11 (Imaging Science & Photographic Technology)*,

9/14 (Remote Sensing)*

Editor-in-Chief: **G. Foody**, University of Nottingham, UK

Co Editor-in-Chief: **A.P. Cracknell**, University of Dundee, UK

Volume 30, 2009, 24 issues per year

International Research in Geographical and Environmental Education

Editors: **John Lidstone**, Queensland University of Technology, Australia and
Joseph P. Stoltman, Western Michigan University, USA

Volume 18, 2009, 4 issues per year

Irish Geography

Journal of the Geographical Society of Ireland

Editor: **Padraig Carmody**, Trinity College Dublin, Ireland

Volume 42, 2009, 3 issues per year

Journal of Cultural Geography

Editor: **Alyson L. Greiner**, Oklahoma State University, USA

Volume 26, 2009, 3 issues per year

Journal of Geography in Higher Education

2007 Impact factor: 0.741

Ranked 29/44 (Geography)*,

34/105 (Education and Educational Research)*

Editors: **Martin Haigh**, Oxford Brookes University, UK and

David Higgitt, National University of Singapore, Singapore

Volume 33, 2009, 3 issues per year

Journals of the National Council for Geographic Education

Journal of Geography

2007 Impact factor: 0.375

Ranked 39/44 (Geography)*

Editor: **Catherine M. Lockwood**, Chadron State College, USA

Volume 108, 2009, 6 issues per year

The Geography Teacher

Editor: **Ed Grode**, Mercyhurst College, USA

Volume 6, 2009, 2 issues per year

Journal of Land Use Science

Editor: **Richard Aspinall**, Macaulay Institute, UK

Volume 4, 2009, 4 issues per year

Landscape Research

Journal of the Landscape Research Group

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Editor: **Dr Ian Thompson**, University of Newcastle, UK

Volume 34, 2009, 5 issues per year

Mobilities

Editors: **Kevin Hannam**, University of Sunderland, UK,

Mimi Sheller, Swarthmore College, USA and

John Urry, Lancaster University, UK

Volume 4, 2009, 3 issues per year

National Identities

Editors: **Peter Catterall**, Queen Mary, University of London, UK,

David Kaplan, Kent State University, USA,

Elfie Rembold, Social Science Research Centre, Germany and

Christopher Vernon, University of Western Australia, Australia

Volume 11, 2009, 4 issues per year

Norsk Geografisk Tidsskrift/ Norwegian Journal of Geography

Journal of the Norwegian Geographical Society

ACCEPTED FOR INCLUSION in Thomson Reuters

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Editor-in-Chief: **Michael Jones**, Norwegian University of Science

and Technology, Norway

Volume 63, 2009, 4 issues per year

Polar Geography

Editor: Mark Carper, University of Alaska Anchorage, USA
Volume 32, 2009, 4 issues per year

Regional Studies

Journal of the Regional Studies Association

2007 Impact factor: 1.797

Ranked 5/52 (Environmental Studies)*, 13/44 (Geography)*

Editor-in-Chief: Arnoud Lagendijk, University of Nijmegen, The Netherlands

Volume 43, 2009, 10 issues per year

Spatial Economic Analysis

Journal of the Regional Studies Association and Regional Science Association International (British and Irish section)

INCREASE IN FREQUENCY!

Editor: Bernard Fingleton, Strathclyde University, UK

Volume 4, 2009, 4 issues per year

Scottish Geographical Journal

Journal of the Royal Scottish Geographical Society

2007 Impact factor: 0.590

Ranked 33/44 (Geography)*

Editors: Timothy Mighall and **Lorna Philip** both at University of Aberdeen, UK

Volume 125, 2009, 4 issues per year

Social & Cultural Geography

2007 Impact factor: 0.917

Ranked 25/44 (Geography)*

Managing Editor: Michael Brown, University of Washington, USA

Volume 10, 2009, 8 issues per year

Space & Polity

Editor: Ronan Paddison, University of Glasgow, UK

Volume 13, 2009, 3 issues per year

Tourism Geographies

An International Journal of Tourism Space, Place and Environment

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Editor: Alan A. Lew, Northern Arizona University, USA

Volume 11, 2009, 4 issues per year

ENVIRONMENT

Applied Environmental Education and Communication

Editor: Brian A. Day, International Institute for Environmental Communication, USA

Volume 8, 2009, 4 issues per year

Environmental Communication

A Journal of Nature and Culture

Editor: Stephen Depoe, University of Cincinnati, USA

Volume 3, 2009, 3 issues per year

Environmental Education Research

Editor: Alan Reid, University of Bath, UK

Volume 15, 2009, 6 issues per year

Ethics, Place & Environment

A Journal of Philosophy & Geography

Editors: Andrew Light, George Mason University, USA and **Jonathan Smith**, Texas A&M University, USA

Volume 12, 2009, 3 issues per year

International Journal of Water Resources Development

2007 Impact Factor: 0.444

Ranked 51/59 (Water Resources)*

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

Volume 25, 2009, 4 issues

Journal of Environmental Planning and Management

INCREASE IN FREQUENCY!

ACCEPTED FOR INCLUSION in Thomson Reuters, Journal Citation Reports®

Managing Editor: Kenneth G. Willis, University of Newcastle, UK

Volume 52, 2009, 8 issues per year

Journal of Environmental Policy & Planning

Editors: Richard Cowell, Cardiff University, UK and

Andrew Flynn, Cardiff University, UK

Volume 11, 2009, 4 issues per year

Journal of Natural Resources Policy Research

NEW FOR 2009!

Editor: Chennat Gopalakrishnan, University of Hawaii at Manoa, USA

Volume 1, 2009, 4 issues per year

Local Environment

The International Journal of Justice and Sustainability
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Editors: Julian Agyeman, Tufts University, USA and

Bob Evans, Northumbria University, UK

Volume 14, 2009, 10 issues per year

Water International

Official journal of the International Water Resources Association (IWRA)

Editor-in-Chief: James Nickum, Asian Water and Resources Institute, Japan

Volume 34, 2009, 4 issues per year

URBAN STUDIES

Journal of the American Planning Association

2007 Impact Factor: 1.729

Ranked 1/30 (Urban Studies)*, 2/38 (Planning & Development)*

Editor: David S. Sawicki, Georgia Institute of Technology, USA

Volume 75, 2009, 4 issues per year

Journal of Urbanism

International Research on Placemaking and Urban Sustainability

Editors: Charles C. Bohl, University of Miami, USA,

Matthew Hardy, INTBAU, UK and **Emily Talen**,

Arizona State University, USA

Volume 2, 2009, 3 issues per year

Urban Policy and Research

Editor-in-Chief: Glen Searle, University of Technology, Australia

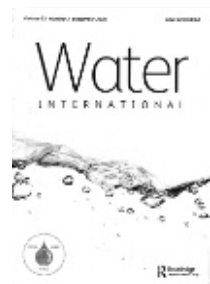
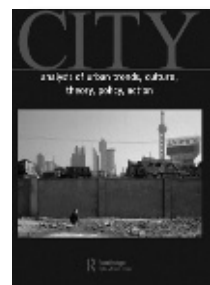
Volume 27, 2009, 4 issues per year

Urban Research & Practice

Journal of the European Urban Research Association

Editor: Professor Rob Atkinson, University of the West of England, UK

Volume 2, 2009, 3 issues per year



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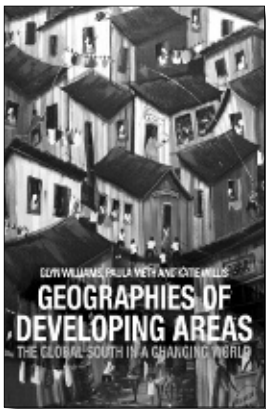
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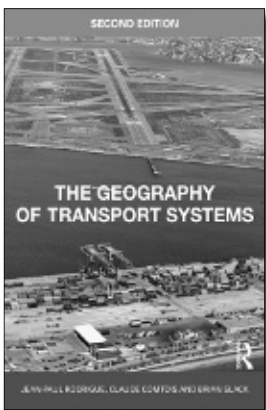
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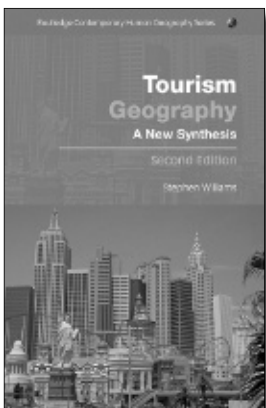
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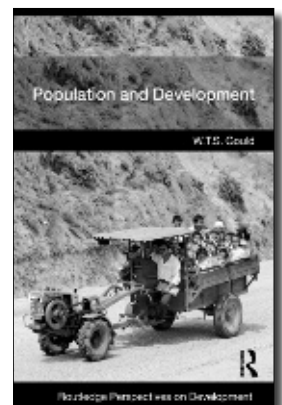
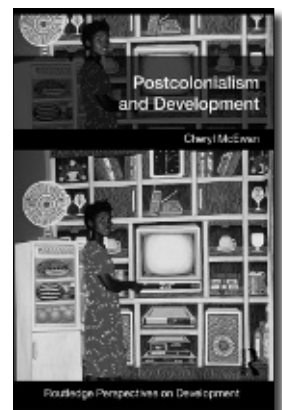
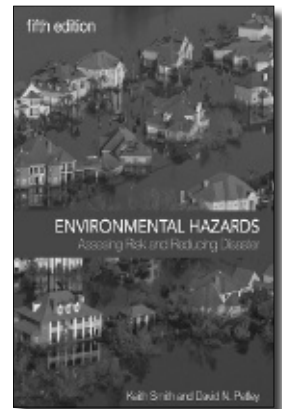
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FORTHCOMING



SPECIALTY AND AFFINITY GROUP HIGHLIGHTED SESSIONS

Following are sessions which AAG Specialty Groups and Affinity Groups have highlighted for this Annual Meeting.

Biogeography Specialty Group

Biogeography Specialty Group PhD Student Paper Presentation Competition (Sponsored by Biogeography Specialty Group)

Thursday, March 26, 1:00 p.m. - 2:40 p.m.

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

Organizer(s): Michelle Goman, Cornell University

Chair(s): Michelle Goman, Cornell University

1:00 Crystal Kolden*, Clark University; John T. Abatzoglou, San Jose State University, *A landscape perspective on historic range of variability of wildfire in Alaska*

1:20 Evan R. Larson*, University of Minnesota; Kurt F. Kipmfueller, PhD, University of Minnesota, *The relative roles of climate and fire suppression in driving whitebark pine forest structure*

1:40 Trevor J. Porter*, Carleton University; Michael F.J. Pisaric, Carleton University, *Climate-tree growth relations in Old Crow Flats, northern Yukon, Canada*

2:00 Michele M. Tobias*, University of California, Davis, *California Beach Plant Biogeomorphology*

2:20 Nancy A. Brown*, The Pennsylvania State University; Kyle Merriam, Regional Ecologist, USDA FS Pacific Southwest Region; Alan H. Taylor, Professor, The Pennsylvania State University, *Interactions of site quality and genetic variability in Cupressus bakeri, Baker cypress*

Cartography Specialty Group

GeoJournal Plenary Lecture on “Citizens as sensors: The world of volunteered geography” By Michael F. Goodchild (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group, Wine Specialty Group)

Tuesday, March 24, 5:20 p.m. - 7:00 p.m.

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

Organizer(s): Daniel Z. Sui, Texas A&M University

Chair(s): Daniel Z. Sui, Texas A&M University

Introduction: Daniel Z. Sui, Texas A&M University

5:40 Michael F. Goodchild*, University of California, Santa Barbara, *Citizens as sensors: the world of volunteered geography*

6:00 Discussant: Barbara Poore, U.S. Geological Survey

6:20 Discussant: Sarah Elwood, University of Washington

6:40 Discussant: Donald Cooke

Climate Specialty Group

Climate Specialty Group Plenary Speaker Julio L. Betancourt: Climate and Ecosystems in the Western U.S. - History and Prospectus (Sponsored by Climate Specialty Group)

Wednesday, March 25, 5:20 p.m. - 7:00 p.m.

Room: Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)

Organizer(s): Michael A. Palecki, National Climatic Data Center

Chair(s): Michael A. Palecki, National Climatic Data Center

Communication Geography Specialty Group

Media Geography II: Teaching Media Geography (Sponsored by Communication Geography Specialty Group, Qualitative Research Specialty Group, Cultural Geography Specialty Group)

Monday, March 23, 10:10 a.m. - 11:50 a.m.

Room: North Hall N119, Las Vegas Convention Center (Panel Session)

Organizer(s): James Craine, California State University, Northridge; Christina Dando, University of Nebraska, Omaha

Chair(s): Jason Dittmer, University College London

Introducer(s): Jason Dittmer, University College London

Panelist(s): Paul C. Adams, University of Texas at Austin; Peta Mitchell, University of Queensland; Giorgio Hadi Curti, San Diego State University; Christopher Lukinbeal, Arizona State University; James Craine, California State University, Northridge; Christina Dando, University of Nebraska, Omaha

SPECIALTY AND AFFINITY GROUP HIGHLIGHTED SESSIONS

Community College Affinity Group

Las Vegas: a mirage of water, power, and unreality (Sponsored by Community College Affinity Group)

Thursday, March 26, 5:20 p.m. - 7:00 p.m.

Room: North Hall N109, Las Vegas Convention Center (Panel Session)

Organizer(s): Kerry Lyste, Everett Community College

Chair(s): Kerry Lyste, Everett Community College

Introducer(s): Kerry Lyste, Everett Community College

Panelist(s): Robert W. Christopherson, American River College;
Darrel Hess, City College of San Francisco; Bruce L. Seivertson,
Imperial Valley College; Ann Johnson, ESRI

Cultural Geography Specialty Group

A River Running West: Don Worster on John Wesley Powell (Sponsored by Cultural Geography Specialty Group, History of Geography Specialty Group, Historical Geography Specialty Group)

Tuesday, March 24, 1:00 p.m. - 2:40 p.m.

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Panel Session)

Organizer(s): Soren Larsen, University of Missouri

Introducer(s): Soren Larsen, University of Missouri

Cyberinfrastructure Specialty Group

Free and Open Source solutions for Geographers I (Sponsored by Cyberinfrastructure Specialty Group)

Tuesday, March 24, 1:00 p.m. - 2:40 p.m.

Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)

Organizer(s): Alexander Mandel, University of California,
Davis; Stacey Ellis, University of California, Davis

Chair(s): Stacey Ellis, University of California, Davis

1:00 Stacey Ellis*, University of California, Davis, *A Wiki for every Geography.*

1:20 Michael S. Treichler*, University of California, Davis, *Case Study in Sales Territory Definition using Open Source Software.*

1:40 Andrew Turner*, FortiusOne, *OpenStreetMap As A Successful Model for User-Generated Geospatial Content.*

2:00 Joshua S. Campbell*, University of Kansas, *The Disruptive Potential of GIS 2.0.*

Development Geographies Specialty Group

Emerging Topics in International Development (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)

Thursday, March 26, 8:00 a.m. - 9:40 a.m.

Room: North Hall N120, Las Vegas Convention Center (Panel Session)

Organizer(s): Brian King, The Pennsylvania State University;
Jeffrey Bury, University of California, Santa Cruz

Chair(s): Jeffrey Bury, University of California, Santa Cruz

Panelist(s): Molly E. Brown, NASA; Ed Carr, University of
South Carolina; Brent McCusker, West Virginia University;
Jeffrey Bury, University of California, Santa Cruz; Brian King,
The Pennsylvania State University

Economic Geography Specialty Group

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

Tuesday, March 24, 5:20 p.m. - 7:00 p.m.

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

Organizer(s): Yuko Aoyama, Clark University; Julie Cidell,
University of Illinois

Chair(s): Norma Rantisi

5:20 Ronald Leonard Martin*, University of Cambridge, *The Rhetoric and Realities of Regional Competitiveness*

Discussant: Amy Glasmeier, The Pennsylvania State University

Energy and Environment Specialty Group

Nuclear Waste Management: An International Comparison (Sponsored by Energy and Environment Specialty Group)

Tuesday, March 24, 1:00 p.m. - 2:40 p.m.

Room: North Hall N112, Las Vegas Convention Center (Panel Session)

Organizer(s): Barry Solomon, Michigan Technological
University

Chair(s): Barry Solomon, Michigan Technological University

Introducer(s): Barry Solomon, Michigan Technological
University

Panelist(s): Barry Solomon, Michigan Technological University;
David Hassenzahl, University of Nevada, Las Vegas; Urban
Strandberg, University of Gothenburg; Mats Andrén, University
of Gothenburg; William Y. Osei, Algoma University College;
Carmel Letourneau, University of Nevada, Las Vegas

SPECIALTY AND AFFINITY GROUP HIGHLIGHTED SESSIONS

Energy and Environment Specialty Group

Renewable Energy Policy in the EU and the U.S. (Sponsored by Energy and Environment Specialty Group)

Tuesday, March 24, 5:20 p.m.-7:00 p.m.

North Hall N112, Las Vegas Convention Center (Panel Session)

Organizer(s): Yda Schreuder, University of Delaware

Chair(s): Yda Schreuder, University of Delaware

Introducer(s): Yda Schreuder, University of Delaware

Panelist(s): John Byrne; Urban Strandberg, University of Gothenburg; Michael K. Heiman, Dickinson College; Barry Solomon, Michigan Technological University

Ethics, Justice, and Human Rights Specialty Group

American Subprime Dilemma: Race, Risk, and Responsibility (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Thursday, March 26, 10:10 a.m. - 11:50 a.m.

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Panel Session)

Organizer(s): Monica W. Varsanyi, John Jay College, City University of New York

Chair(s): Monica W. Varsanyi, John Jay College, City University of New York

Panelist(s): Elvin K. Wyly, University of British Columbia

Introducer(s): James DeFilippis, Rutgers University

Geographic Information Science and Systems Specialty Group

Waldo Tobler Distinguished Lecture in GIScience (Sponsored by Geographic Information Science and Systems Specialty Group)

Thursday, March 26, 5:20 p.m. - 7:00 p.m.

Room: Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor (Panel Session)

Organizer(s): Tom Cova, University of Utah

Chair(s): Tom Cova, University of Utah

Speaker(s): David M. Mark, University at Buffalo

Geomorphology Specialty Group

Taylor-Francis/Routledge Distinguished Lecture on Geomorphology and Society (Sponsored by Geomorphology Specialty Group)

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

Organizer(s): Scott A. Lecce, East Carolina University

Chair(s): Scott A. Lecce, East Carolina University

Introducer(s): Scott A. Lecce, East Carolina University

11:55 James C. Knox*, University of Wisconsin-Madison, *Flood Geomorphology in the Upper Mississippi Valley*

Graduate Student Affinity Group

Geography's diversity, coherence, prospects (Sponsored by Graduate Student Affinity Group, Population Specialty Group)

Thursday, March 26, 10:10 a.m. - 11:50 a.m.

Room: Capri 112, Riviera Hotel, 1st Floor (Panel Session)

Organizer(s): Timothy Lee Hawthorne, The Ohio State University

Chair(s): Timothy Lee Hawthorne, The Ohio State University

Speaker(s): Hyowon Ban, The Ohio State University; John Paul C. Catungal, University of Toronto; Nathan Lee Clough, University of Minnesota; Timothy Lee Hawthorne, The Ohio State University; Tristan Sturm, UCLA

Hazards Specialty Group

Emerging Scholars in Hazards Research: Winners of the Jeanne X. Kasperson Student Paper Award (Sponsored by Hazards Specialty Group)

Wednesday, March 25, 5:20 p.m. - 7:00 p.m.

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

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

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

5:20 Angela Gilbert*, University of South Florida, *Hazardous Air Pollutants and Environmental Justice: The Geography of Health Risks in Florida*

5:40 Christopher G. Burton*, University of South Carolina, *From Conceptual Framework to Assessment: The Operationalization of a Place-Based Model for Understanding Community Resilience to Natural Disasters*

6:00 Khila R. Dahal*, Texas State University, *Hazard and Risk: Perception of Glacial Lake Outburst Flooding from Tsho Rolpa Lake, Nepal*

6:20 Monica Zappa*, Northern Illinois University, *Social, Economic, and Cultural Impacts on Hurricane Vulnerability in Bluefields, Nicaragua*

Discussant: Ron R. Hagelman, Texas State University

SPECIALTY AND AFFINITY GROUP HIGHLIGHTED SESSIONS

Health & Medical Geography Specialty Group

Film Screening: Critical Lens: Ethics and Human Rights in Health and Health Care Delivery (Sponsored by Health & Medical Geography Specialty Group, Ethics, Justice and Human Rights Specialty Group, Socialist and Critical Geography Specialty Group)

Monday March 23, 6:30 p.m. - 9:30 p.m.

Room: Room: Capri 106, Riviera Hotel, 1st Floor

Organizer: Vandana Wadhwa, Boston University

Screening 1: When the Bough Breaks (Unnatural Causes, episode 2 - 29 minutes)

Presenter and Discussant: Sue Grady, Michigan State University,

Screening 2: Aborto Sin Pena (Abortion without Shame/Penalty - 28 minutes)

Presenter: Gregory Berger (Filmmaker)*

Discussant: Ben Wisner, Development Studies Institute, London School of Economics

Screening 3: Health for Sale (25-30 minutes)

Presenter and Discussant: Paul Henkel, Meharry Medical College, Nashville, TN

Historical Geography Specialty Group

Distinguished Historical Geography Lecture (Sponsored by Historical Geography Specialty Group)

Wednesday, March 25, 5:20 p.m. - 7:00 p.m.

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor (Panel Session)

Organizer(s): Karen M. Morin, Bucknell University; Garth Andrew Myers, University of Kansas

Chair(s): Dydia DeLyser, Louisiana State University

Introducer(s): Karen M. Morin, Bucknell University

Panelist(s): Miles Ogborn

Latin America Specialty Group

Geography in the Americas: Resources for Supporting International Collaboration (Sponsored by Association of American Geographers, Conference of Latin Americanist Geographers, Latin America Specialty Group)

Monday, March 23, 3:10 p.m. - 4:50 p.m.

Room: Skybox 201, Riviera Hotel, 2nd Floor (Panel Session)

Organizer(s): Patricia Solís, Association of American Geographers; Matthew Hamilton, Association of American Geographers

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

Panelist(s): Santiago Borrero, PAIGH; Ned Strong, LASPAU: Academic and Professional Programs for the Americas; Nicole Stahlmann, American Council of Learned Societies; Ibrahim M. Shaqir, Agricultural Research Service, USDA; Mark Caicedo, Inter-American Foundation; Jessica Robin, U.S. National Science Foundation

Paleoenvironmental Change Specialty Group

How to Perform Interdisciplinary Paleoenvironmental Research (Sponsored by Paleoenvironmental Change Specialty Group)

Wednesday, March 25, 1:00 p.m. - 2:40 p.m.

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Panel Session)

Organizer(s): Zachary P. Taylor, University of Tennessee; Trevor Porter, Carleton University

Chair(s): Zachary P. Taylor, University of Tennessee

Panelist(s): Glen M. MacDonald, UCLA; James H. Speer, Indiana State University; Kam-Biu Liu, Louisiana State University; Sally P. Horn, University of Tennessee; Timothy Beach, Georgetown University; Bryan Shuman, University of Wyoming

Population Specialty Group and Ethnic Geography Specialty Group

Joint Plenary Session: Laura Pulido (Sponsored by Population Specialty Group and Ethnic Geography Specialty Group)

Thursday, March 26, 3:10 p.m. - 4:50 p.m.

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Panel Session)

Organizer(s): Suzanne Davies Withers, University of Washington

Chair(s): Wei Li, Arizona State University

Discussant(s): Laura Pulido; Suzanne Davies Withers, University of Washington

Introducer(s): Wei Li, Arizona State University; Emily H. Skop, University of Texas at Austin

SPECIALTY AND AFFINITY GROUP HIGHLIGHTED SESSIONS

Regional Development and Planning Specialty Group

A Date with Social Geography: Celebrating Dr. Allen G. Noble's Distinguished Scholarship and Career (Sponsored by Regional Development and Planning Specialty Group)

Wednesday, March 25, 3:10 p.m. - 4:50 p.m.

Room: North Hall N112, Las Vegas Convention Center (Panel Session)

Organizer(s): Vandana Wadhwa, Boston University; Frank J. Costa

Chair(s): Ashok K. Dutt, University of Akron

Introducer(s): Ashok K. Dutt, University of Akron

Speaker(s): Frank J. Costa

Panelist(s): John E. Benhart, Shippensburg University; Pradyumna P. Karan, University of Kentucky; Laurence J.C. Ma, University of Akron; Yehua Dennis Wei, University of Utah; Samuel Thompson, Western Illinois University; Ramesh C. Dhussa, Drake University; Rajrani Kalra, California State University, San Bernardino; Sudhir K. Thakur, California State University, Sacramento; Baleshwar Thakur, University of Delhi

Remote Sensing Specialty Group

RSSG Student Honors Paper Competition I (Sponsored by Remote Sensing Specialty Group)

Wednesday, March 25, 1:00 p.m. - 2:40 p.m.

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

Organizer(s): Paul Merani, University of Nebraska; Benjamin Tuttle, University of Denver/University of Colorado, Boulder

Chair(s): Paul Merani, University of Nebraska

1:00 Daniel Redo*, Texas A&M University; Andrew C. Millington, Texas A&M University, *A Hybrid Remote Sensing Protocol for Tracking Land Change Types in the Seasonal Tropics*

1:20 Rana Nasseem Al-Jawarneh*, University of Oklahoma; Thomas Paradise, University of Arkansas, *Spatial Analysis of Land Cover and Land Use in Evaluating Land Degradation in Northwestern Al-Mafraq City, Jordan*

1:40 Libin Zhou*, Florida State University; Xiaojun Yang, Florida State University, *Impacts of Neural Networks Architectures on Land Cover Mapping from Satellite Imagery*

2:00 Liheng Zhong*, University of California, Berkeley; Peng Gong, University of California, Berkeley, *A Phenology-based Classification Approach in Agricultural Land Mapping*

Rural Geography Specialty Group

In John Wesley Powell's Wake (Sponsored by History of Geography Specialty Group, Cultural Geography Specialty Group, Rural Geography Specialty Group)

Wednesday, March 25, 8:00 a.m. - 9:40 a.m.

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

Organizer(s): Paul B. Frederic, University of Maine; Soren Larsen, University of Missouri

Chair(s): Kent Mathewson, Louisiana State University

8:00 Robert G. Corbett*, Illinois State University, *Central Illinois remembers John Wesley Powell*

8:20 Timothy J. Rickard*, Central Connecticut State University, *John Wesley Powell and the 1891-1914 Irrigation Movement*

8:40 Paul B. Frederic*, University of Maine, Farmington, *Haven, Maine Summer Community: John Wesley Powell's Retreat*

9:00 Paul R. Larson, PhD*, Southern Utah University, *Water Consumption and Water Development in the Western United States*

Discussant(s): Bryon D. Middlekauff, Plymouth State University

Russian, Central Eurasian, and East European Specialty Group

Eastern Europe and the Former Soviet Union: 20 Years On (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Tuesday, March 24, 8:00 a.m. - 9:40 a.m.

Room: North Hall N116, Las Vegas Convention Center (Panel Session)

Organizer(s): Chad Staddon, University of the West of England

Panelist(s): Beth Mitchneck, University of Arizona; Robert Kaiser; Darren Purcell, University of Oklahoma; Craig Young, Manchester Metropolitan University; Chad Staddon, University of the West of England

SPECIALTY AND AFFINITY GROUP HIGHLIGHTED SESSIONS

Spatial Analysis and Modeling Specialty Group

Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception (Sponsored by Spatial Analysis and Modeling Specialty Group)

Wednesday, March 25, 5:20 p.m. - 7:00 p.m.

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

Organizer(s): Daniel A. Griffith, University of Texas, Dallas; Yongwan Chun, University of Texas, Dallas

Chair(s): Daniel A. Griffith, University of Texas, Dallas

Introducer(s): Daniel A. Griffith, University of Texas, Dallas

5:30 Denise Pumain*, University Paris I, *Modelling spatial evolution: the example of urban systems*

Study of the American South

Race, Ethnicity and the Dynamic American South (Sponsored by Study of American South Specialty Group)

Tuesday, March 24, 8:00 a.m. - 9:40 a.m.

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

Organizer(s): E. Arnold Modlin, Louisiana State University; Derek H. Alderman, East Carolina University

Chair(s): E. Arnold Modlin, Louisiana State University

8:00 E. Arnold Modlin, Jr.*, Louisiana State University; Derek H. Alderman, PhD, East Carolina University, *Visibility of the Enslaved within Plantation Tourism Marketing on the Internet: A Textual Analysis of North Carolina Websites*

8:20 Stephen Hanna*, University of Mary Washington, *Cartographic Memories of Slavery and Freedom: Examining John Washington's Map of Fredericksburg*

8:40 Rebecca Ginsburg*, University of Illinois at Urbana-Champaign, *Deconstructing the Triangle Trade Map*

9:00 Katie Berchak, MA*, LSU Grad Student, *Nueva Orleans*

Transportation Geography Specialty Group

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

Tuesday, March 24, 1:00 p.m. - 2:40 p.m.

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

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

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

Introducer(s): Richard L. Morrill, University of Washington; Joe Weber, University of Alabama

1:10 Shih-Lung Shaw*, University of Tennessee, *Individual-based Tracking Data: Potentials and Challenges to Transportation Geography*

Discussant: Donald Janelle, University of California, Santa Barbara

Water Resources Specialty Group

Climate Change, Ecosystems and Research Agendas in the Lower Colorado River Basin (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Thursday, March 26, 10:10 a.m. - 11:50 a.m.

Room: Royale Pavilion 3, Riviera Hotel, 1st 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

Panelist(s): Katie Hirschboeck, University of Arizona; Connie Woodhouse, University of Arizona; Franco Biondi, DendroLab, University of Nevada; Jay Arnone, Desert Research Institute; Thomas Piechota, University of Nevada, Las Vegas; Brett Riddle, University of Nevada, Las Vegas

Discussant(s): Stanley Smith, University of Nevada, Las Vegas

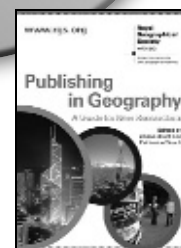
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Published on behalf of the Canadian Association of Geographers / l'Association canadienne des géographes

Economic Geography

Published by Clark University
Roepke Lecture in Economic Geography
The Rhetoric and Realities of Regional Competitiveness
Tuesday 5:20 PM; Reception to follow

Geografiska Annaler Series A: Physical Geography

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Thursday 5:20 PM; Reception to follow

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Reception

Monday 6:00 PM

Refreshments will be served

Tijdschrift voor economische en sociale geografie (Journal of Economic and Social Geography)

Published on behalf of The Royal Dutch Geographical Society (KNAG)
Session 4504 Commemorating 100 Years of Tijdschrift voor economische en sociale geografie
Wednesday 3:10 PM
Reception to follow

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Thursday 11:00 AM - 11:45 AM
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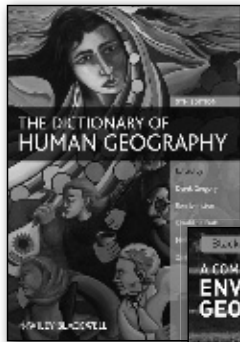
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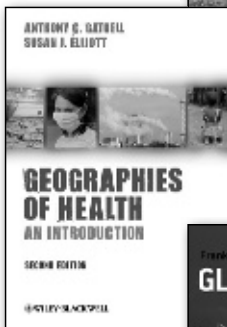
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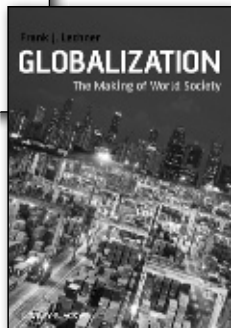
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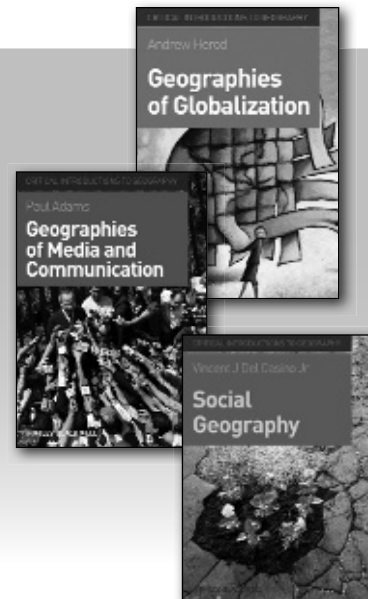
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SPECIAL EVENTS

AAG ANNUAL AWARDS LUNCHEON

Friday, March 27, 12:00 p.m. - 2:15 p.m.

Room: Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor

Join colleagues and friends in honoring the recipients of AAG Honors and other awards and prizes for 2009. The Awards Luncheon will be held on Friday, March 27 in the Top of the Riv Ballroom North (Riviera Monaco Tower, 24th Floor) from 12:00 p.m. - 2:15 p.m.

The following AAG Lifetime Achievement Honors will be presented:

Donald G. Janelle, University of California, Santa Barbara, *Ronald F. Abler Honors for Distinguished Service*

Professor John R. Jensen, University of South Carolina, *Lifetime Achievement Award*

Audrey Kobayashi, Queens University, *Lifetime Achievement Award*

David F. Ley, University of British Columbia, *Distinguished Scholarship Honors*

Dr. Laurence J.C. Ma, University of Akron, *Ronald F. Abler Honors for Distinguished Service*

Donald J. Zeigler, Old Dominion University, *Gilbert Grosvenor Honors for Geographic Education*

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, Specialty Group Awards, and others will be presented. The AAG's 2009 Fifty-Year Members will also be recognized at the luncheon.

AAG ANNUAL 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:

Charles Bussing
Howard J. Critchfield
William M. Denevan
Herbert M. Eder
Frank Friedman
Robert W. Kates
Richard F. Kott
Theodore W. Kury
James B. Lindberg
Paul E. Lovingood
Julian V. Minghi
Debnath Mookherjee
Paul J. Rich
Vincent K. Shaudys

The cost of the luncheon is \$55, including service and tax. A complete table of ten is also available for \$495. Tickets can be purchased at the AAG Registration Desk.

AAG BUSINESS MEETING

The AAG's annual Business Meeting will be held in the Top of the Riv Ballroom South (Riviera Monaco Tower, 24th Floor) on Friday, March 27 from 2:30 p.m. - 3:30 p.m. AAG officers will present their annual reports. All are welcome to attend.

SPECIAL EVENTS

AAG PAST PRESIDENT'S ADDRESS by **THOMAS J. BAERWALD**

Prospects for Geography as an Interdisciplinary Discipline

Monday, March 23, 5:15 p.m. - 6:15 p.m.

Room: Royale Pavilion 5, Riviera Hotel, 1st Floor

Introduction: **John A. Agnew**, University of California, Los Angeles

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

Baerwald will discuss the relationship of geography to other disciplines, the role that geographers can play in interdisciplinary collaborations, and opportunities to advance geography, other fields, and society through interdisciplinary collaborations. He also will identify challenges posed by interdisciplinary research as well as ways geographers can help meet those challenges. Baerwald's comments will draw on more than 20 years of experience at the National Science Foundation, where he has encouraged, evaluated, and supported basic research in geography and in a range of interdisciplinary competitions.

His comments also will draw on scholarly studies that have examined the conduct of both geographic and interdisciplinary research and observations of dozens of geographers and other scholars who have engaged in interdisciplinary collaborations.

Baerwald will reflect on the nature of geography as a discipline that is interdisciplinary in character and that integrates well with other disciplines. He also will offer suggestions regarding ways that geographers can use the field's distinctive perspectives and approaches to advance research and education within and beyond geography.

The AAG Presidential Achievement Award also will be presented to **Thomas J. Wilbanks** prior to the Past President's Address.

AAG OPENING EVENING EVENTS and PRESIDENTIAL PLENARY SESSION

Sunday, March 22, 5:00 p.m. - 8:30 p.m.

Room: Royale Pavilion 5-7, Riviera Hotel, 1st Floor

5:00 p.m. - 6:00 p.m. Welcome Reception:

Hors d'oeuvres and drinks will be served.

6:00 p.m. - 7:30 p.m. Presidential Plenary:

The Future of Water in the American West

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

Opening remarks: **John A. Agnew**, AAG President

7:30 p.m. - 8:30 p.m. Book signing with **James Powell**,

Executive Director of the National Physical Science Consortium at the University of Southern California

INTERNATIONAL NETWORKING RECEPTION in the EXHIBIT HALL

Monday, March 23, 6:15 p.m. - 8:30 p.m.

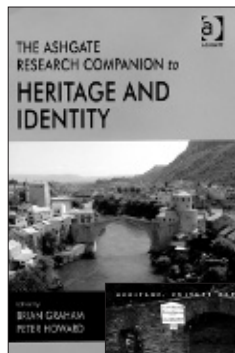
Room: AAG Exhibit Hall: Grande Ballroom ABEF, Riviera Hotel, 1st Floor

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.

See pages 70-72 for a list of exhibitors and an exhibit hall floor plan.

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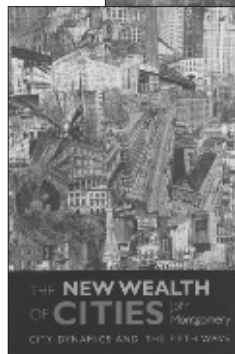
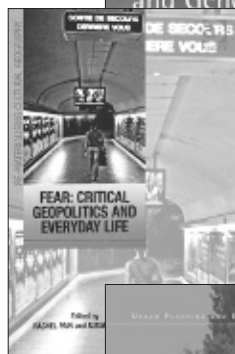
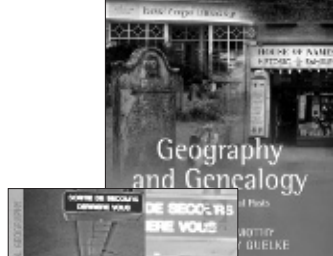
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THE PALGRAVE DICTIONARY OF TRANSNATIONAL HISTORY *From the Mid-19th Century to the Present Day*

Edited by Akira Iriye and Pierre-Yves Saunier

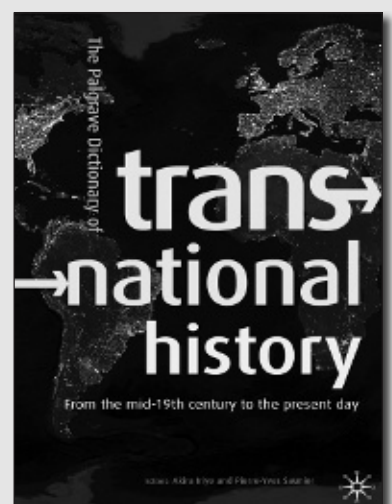
"One of the most significant scholarly projects of the last decade has involved breaking out of the nation-state framework in order to examine influential transnational circuits and interconnections. Akira Iriye and Pierre-Yves Saunier have now edited an indispensable resource for this new transnational history. By offering a broad array of topics and drawing upon the expertise of over three hundred of the world's leading scholars, these skillful editors have produced a freshly conceived and authoritative volume that will appeal to libraries and historians worldwide."

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Written and edited by many of the world's foremost scholars of transnational history, this Dictionary challenges readers to look at the contemporary world in a new light. It contains over 400 entries on transnational subjects such as food, migration and religion, as well as traditional topics such as nationalism and war.

Palgrave Macmillan Transnational History

2009 / 1232 pp. / \$300.00 hc. (C\$333.00) / ISBN: 1-4039-9295-9 / ISBN-13: 978-1-4039-9295-6



THE PURITAN GIFT

Triumph, Collapse and Revival of an American Dream
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The Puritan Gift traces the origins and characteristics of American managerial culture. It was the Protestant ethic whose characteristics—thrift, a respect for enquiry, individualism tempered by a need to cooperate, success as a measure of divine approval—helped to create the conditions which led to America's managerial and corporate success. Thus, the authors contend, the drive, energy and acceptance of innovation, competition, growth and social mobility, all have their origins in the discipline and ethos of America's first wave of European immigrants: the Puritans.

2009 / 352 pp. / \$19.95 pb. (C\$21.95)
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THE RESTAURANTS BOOK

Ethnographies of Where we Eat
Edited by David Beriss and David Sutton

Restaurants are key sites for practices of social distinction, where chefs struggle for recognition as stars and patrons insist on seeing and being seen. Restaurants define urban landscapes, reflecting and shaping the character of neighborhoods or standing for the ethos of an entire city or nation. Whether they spread authoritarian French organizational models or the bland standardization of American fast food, restaurants have been accused of contributing to the homogenization of cultures. Yet restaurants have also played a central role in the reassertion of the local, as powerful cultural brokers and symbols for protests against a globalized food system. *The Restaurants Book* brings together anthropological insights into these thoroughly postmodern places.

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Chris Johnson and Jolyon Leslie

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—Asian Affairs

Widely portrayed as the "success of the war on terror," Afghanistan is now in crisis. Increasingly detached from the people it is meant to serve, and unable to manage the massive amounts of aid that it has sought, the administration in Kabul struggles to govern even the diminishing areas of the country over which it has some sway. Drawing on long experience of living and working in Afghanistan, Chris Johnson and Jolyon Leslie examine what the changes of recent years have meant in terms of Afghans' sense of their own identity and hopes for the future.

2008 / 272 pp. / \$108.95 hc.
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Partner, Competitor or Hegemon?
Chris Alden

This book investigates the emerging relationship between China and Africa to determine whether this engagement will be that of a development partner, economic competitor, or new hegemony. Alden argues that in order to understand Chinese involvement on the continent, we need to recognize the range of economic, diplomatic and security rationales behind Beijing's Africa policy.

African Arguments
2007 / 154 pp. / \$23.00 pb.
ISBN: 1-84277-864-1 / ISBN-13: 978-1-84277-864-7
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Richard Peet

"Richard Peet has effectively indicted those who sit in the seats of power in our global society. By showing how power is exercised through economic institutions, ideology, and world governance arrangements, he provides an essential foundation for those who want to understand the way the world works. It is a lucid picture—a clear 'geography of power'—that is most useful."

—Arthur MacEwan, University of Massachusetts
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GEOGRAPHY AND VISION

Seeing, Imagining and Representing the World
Denis Cosgrove

Geography and Vision is a series of reflections by cultural geographer, Denis Cosgrove, on the connections between seeing, imagining and representing the world geographically. Extensively illustrated, this work reveals the richness and complexity of the geographical imagination over the past five centuries.

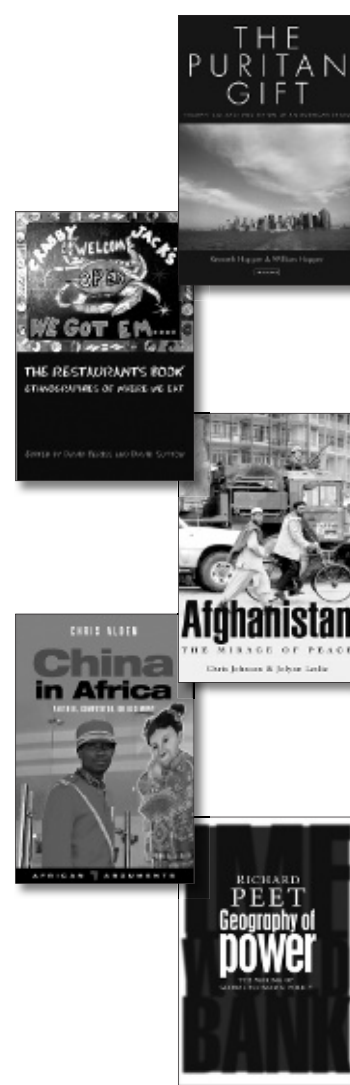
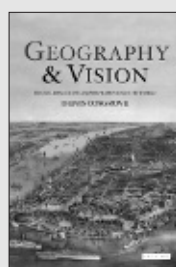
International Library of Human Geography
2008 / 256 pp. / 22 b&w photos / \$29.50 pb. (C\$32.50)
ISBN: 1-85043-847-1 / ISBN-13: 978-1-85043-847-2
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Edited by Denis Cosgrove & Veronica della Dora

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SPECIAL DISPLAYS

Celebi Maps Exhibit

Date: Tuesday, March 24 - Thursday, March 26

Location: Grande Ballroom Foyer, Riviera Hotel, 1st Floor
(adjacent to the AAG Registration Desk)

Description: A sneak preview of the 17th century Ottoman Turkish cartographer Katib Celebi's maps and manuscripts will be on display at the AAG meetings in Las Vegas. The maps are scheduled for their first U.S. showing and the only west coast display at California State University at San Bernardino this spring and summer.

The most important work of geography written in the 17th century was *Displaying the World* by the luminary Katib Celebi (1609-1657). The volume consisted of two parts: the first dealing only with seas, rivers and islands, the second with post 15th century continents, cities, and countries. Intended as a book of general geography, *Displaying the World* contained maps of the world, America, Africa, Asia, Europe, and other regions.

Many manuscripts of Katib Celebi's work stored in various libraries around the world have been expanded with supplements added by copyists. Adding to his work became a tradition which continued until the advent of modern western cartography and its study in educational institutions in the 19th century.

The collection has never before been displayed and will be showcased by the Center for Islamic and Middle Eastern Studies at California State University at San Bernardino. An overview of the exhibit is presented at the Center's website

<http://cimes.csusb.edu/worldview.html>.

MAP 1

Resm-i İklim-i Avrupa (The Continent of Europe): The map shows the countries and capital cities of Europe and important rivers, but does not include mountain ranges, although the Map of Europe by Gerardi Mercator does. Different colors are used to distinguish the boundaries of Asia, Africa and the Arctic Ocean. The Mediterranean, the Black Sea, islands, the Caspian and coastlines are indicated. The Ottoman Empire is shown as divided into two regions, the Lands of Anatolia and the Lands of Rumelia. Also indicated are Poland, Germany, France, Spain, Sweden, and in Asia such countries as the Lands of the Tatars, Russia and Georgia. The map has no scale and the cartographer is unknown. It has lines of latitude and longitude and an octagonal projection center used in classical maps, although not in Mercator's Map of Europe.

MAP 2

İklim-i Asya (The Continent of Asia) Asia, the largest continent of the Old World, is depicted as beginning at Europe and northern Africa and including the islands of the Pacific Ocean. Rivers, great lakes and important mountain ranges are indicated. Persia, India, China, the Great Salt Desert of Khorasan, the Sarmatian Steppe, Turkestan, the Sea of China, Japan and in the Northwest, the Lands of Moscow and major cities are named. The northwestern shores of the American continent (Alaska) are shown in the northeastern corner. Although the geography covered is the same as that of Mercator's Map of Asia, the drawing technique is comparatively simple.

Landscape Photography Exhibit

Date: Tuesday, March 24 - Thursday, March 26

Location: Grande Ballroom Foyer, Riviera Hotel, 1st Floor
(adjacent to the AAG Registration Desk)

Description: The Landscape Photography Exhibits features photographs taken by geographers on their travels and during fieldwork. As geographers, we constantly consider and analyze the physical and cultural landscape, and many of us have captured unique or interesting features in the landscape on film or digital camera. This poster display allows geographers to share some of these images and stories with AAG attendees. Please come by and check out some of the scenes your fellow geographers have contributed.

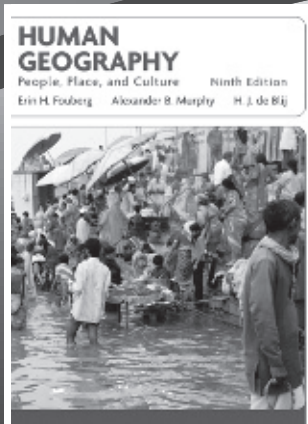
USGS Exhibits Demonstrations

Date: Monday, March 23 - Thursday, March 26

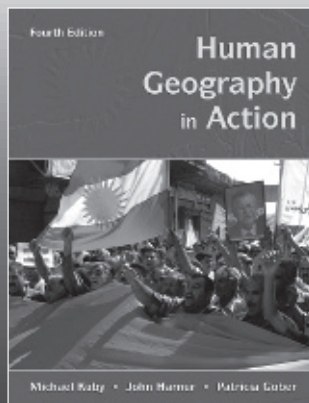
Location: Booth #511 in the AAG Exhibit Hall
(Grande Ballroom ABEF, Riviera Hotel, 1st Floor)

From Monday, March 23 to Thursday, March 26 in booth #511 (during exhibit hall hours) conference attendees can learn more about USGS capabilities in geographic research, applied geography, and geospatial data. USGS geographic applications that address challenging issues for modern society and the natural world will be featured in scheduled demonstrations. USGS geographers will be on hand to provide a range of information from innovative uses of data from earth observing satellites to modeling the geography of risk. USGS geographers will also be available to discuss advances in online access to geospatial data, including The National Map, and guide direct, hands-on geospatial and satellite data inquiries. Please stop by the booth for a demonstration schedule. Lively dialogue is encouraged.

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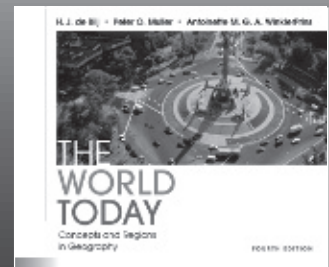
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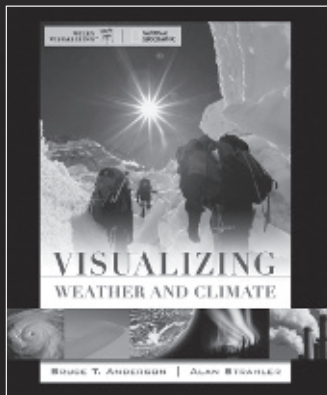
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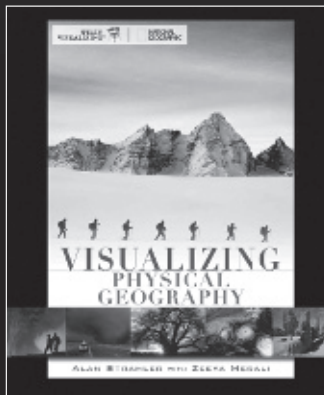
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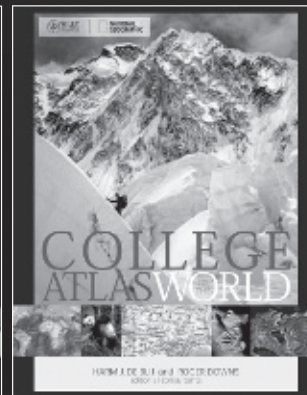
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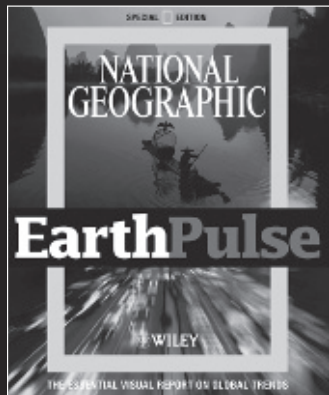
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WORLD GEOGRAPHY BOWL

Tuesday, March 24, 7:00 p.m.

The 2009 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, as well as Lonely Planet, the U.S. Census Bureau, and Penguin Books for donating additional prizes.

Student teams from the AAG's regional divisions plus one Canadian team will compete in a round robin tournament starting at 7:00 p.m. in the Royale Pavilion 3, 4, 7 and 8, Riviera Hotel, 1st Floor. The Championship Round will begin at approximately 10:00 p.m.

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Laurence W. Carstensen Jr., Virginia Tech
Jim Ketchum, Association of American Geographers

Judges

Dawn Drake, University of Tennessee
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Jamison Conley, West Virginia University

Moderators

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Elizabeth Leppman, Writer, Map and Book Editor, Lexington, Kentucky
Wes Reisser, University of California, Los Angeles

Final Round Judges

John A. Agnew, AAG President, University of California, Los Angeles
Jennifer Collins, University of South Florida

Final Round Moderator

Laurence W. Carstensen Jr., Virginia Tech

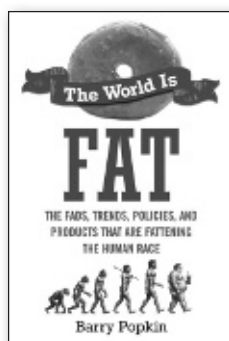
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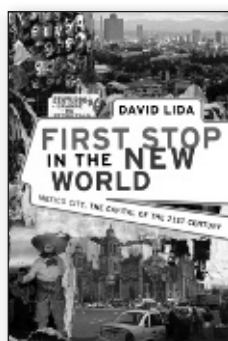
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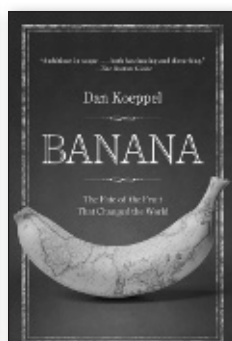
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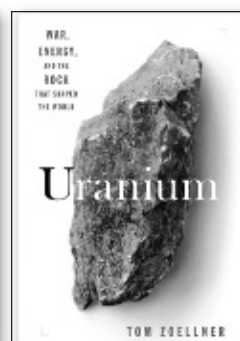
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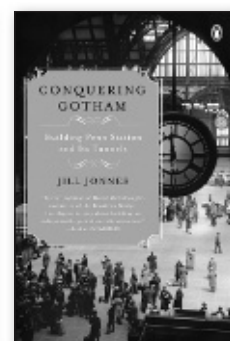
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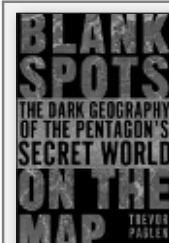
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JOBS IN GEOGRAPHY (JIG)

Jobs In Geography (JIG) Center

The Jobs in Geography (JIG) Center will be located on the First Floor of the Riviera Hotel in Capri 102. 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:

Tuesday, March 24, 9:30 a.m. - 4:30 p.m.

Wednesday, March 25, 9:30 a.m. - 4:30 p.m.

Thursday, March 26, 9:30 a.m. - 4:30 p.m.

AAG Diversity Ambassadors

A diverse group of graduate students will be serving as AAG Diversity Ambassadors at the Las Vegas Meeting. Volunteers are willing to share their experiences and give advice about college life, graduate school, job searches, networking, navigating the annual meeting, and more to other graduate or undergraduate students. Faculty or employers who are looking to implement activities to achieve greater diversity in their programs and workforces, and who wish to converse about ideas and experiences are also welcomed. This informal venue seeks to provide an open forum to share recent success stories, engage in conversations regarding recruiting and retention strategies, understanding student and faculty mentoring needs, and other insights from the unique perspectives of the ambassadors. Volunteers will be available on Wednesday, March 25, from 9:30 a.m. to 4:30 p.m. in the Jobs in Geography (JIG) area.

Co-sponsored by the Association of American Geographers and the AAG Enhancing Diversity Committee

JOBS IN GEOGRAPHY (JIG)

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:

TUESDAY, MARCH 24

Preparing Masters Students for Careers Outside the University (Sponsored by Applied Geography Specialty Group; Private/Public Affinity Group; Community College Affinity Group)

Tuesday, March 24, 8:00 a.m. - 9:40 a.m.

Room: Skybox 210, Riviera Hotel, 2nd Floor (Panel Session)

Organizer(s): Janice Monk, University of Arizona; Beth Schlemper, University of Toledo

Chair(s): Janice Monk, University of Arizona

Panelist(s): Burrell E. Montz, Binghamton University; Donald A. Friend, Minnesota State University; Trudy Suchan, U.S. Bureau of the Census; Jeff Colby, Appalachian State University; Jeffrey M. Young, LizardTech; Patrick L. Lawrence, University of Toledo

Session Description: Masters students mostly seek careers in business, government, nonprofit organizations and community colleges. To prepare them, departments face such challenges as designing suitable curricula, identifying diverse career opportunities, creating and managing internships, developing strategies for reaching beyond academia, supporting thesis and non-thesis options, funding students, and engaging with new initiatives in graduate education such as certificate programs and professional masters degrees. Panelists represent academic and applied sectors. They will each engage each other and the audience in conversation about these and related issues.

Snapshots from Early Career Faculty: Demystifying the First Stages of an Academic Career

Tuesday, March 24, 8:00 a.m. - 9:40 a.m.

Room: Royale Pavilion 8, Riviera Hotel, 1st Floor (Panel Session)

Organizer(s): Anne Bonds, University of Wisconsin-Milwaukee; Mona Atia

Panelist(s): Anne Bonds, University of Wisconsin-Milwaukee; Mona Atia; Maria Fannin, University of Bristol; Harvey Neo, National University of Singapore; Daniel Trudeau, Macalester College

Session Description: Beginning an academic career can be at once thrilling, terrifying, and bewildering as newly appointed faculty members learn to navigate differing institutional frameworks, mounting levels of responsibility and expectation, unfamiliar norms and relationships, and new modes of engagement. Academic socialization and early career pressures create challenges, anxieties and concerns for junior faculty, such that, as Harald Bauder (2006) points out “By the time academic geographers assume faculty positions, romanticized ideas of being a knowledge-seeking scholar or Gramscian-style intellectual who changes the world may have been dashed by the realities of academic practice” (671). Yet these professional experiences set the stage for success. Solem and Foote (2004) note that these experiences “shape patterns of work and social behavior that prefigure the long-term success of new faculty members, including prospects for tenure and promotion” (1). Thus, the early years of an academic career are at once a period of reconciliation and reformation, requiring the formation of new sets of skills to accommodate and perform roles and expectations as well as differing strategies for coping and thriving. This panel brings together early career faculty members - at various stages in their early careers - from a range of institutional and geographic locations to discuss issues, strategies, and events shaping the first stages of their academic careers.

JOBS IN GEOGRAPHY (JIG)

TUESDAY, MARCH 24 (continued)

Diversity, Professional Development, and the Culture of Graduate Education in Geography (Sponsored by Enhancing Departments and Graduate Education project (EDGE); Geography Faculty Development Alliance (GFDA); AAG Commission on College Geography)

Tuesday, March 24, 10:10 a.m. - 11:50 a.m.

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

Organizer(s): Michael N. Solem, Association of American Geographers

Chair(s): Rebecca Bayless Theobald, University of Colorado at Colorado Springs

10:10 Ken Foote, University of Colorado at Colorado Springs

10:20 Janice Monk*, University of Arizona; Kenneth Foote, University of Colorado at Colorado Springs; Beth Schlemper, University of Toledo; Rebecca Theobald, University of Colorado at Colorado Springs, *Graduate Education and Careers in Geography: Student Aspirations and Faculty Expectations*

10:40 Beth Schlemper*, University of Toledo; Patricia Solís, Association of American Geographers; Janice Monk, University of Arizona; Rebecca Theobald, University of Colorado at Colorado Springs, *Graduate Education and Diversity in Geography: Perceptions, Strategies and Challenges*

11:00 Michael N. Solem*, Association of American Geographers; Beth Schlemper, University of Toledo; Nick Hopwood, University of Oxford, *Experiencing graduate school: A comparative analysis of students in geography programs*

11:20 Discussant: Jeffrey Olson, The Ohio State University

11:30 Discussant: Joseph Lewis, The Ohio State University

Session Description: This session reports the results of three studies conducted for the AAG's Enhancing Departments and Graduate Education (EDGE) project, funded by the National Science Foundation. The papers explore important issues in contemporary graduate education: 1) students' career aspirations in relation to faculty expectations and advising practices, 2) diversity and the climate of graduate programs, and 3) how students experience the cultures of master's and doctoral programs. Together, the papers provide an empirical basis for enhancing professional development and graduate education through improvements to the overall social and academic climate.

Rethinking the Degree of PhD in Geography 1: New Approaches and Practices to Professional Development in Doctoral Programs (Sponsored by Geography Education Specialty Group; Graduate Student Affinity Group; Business Geography Specialty Group)

Tuesday, March 24, 1:00 p.m. - 2:40 p.m.

Room: Skybox 210, Riviera Hotel, 2nd Floor (Panel Session)

Organizer(s): Ken Foote, University of Colorado

Chair(s): Ken Foote, University of Colorado

Panelist(s): J. Nicholas Entrikin, University of California; Susan M. Roberts, University of Kentucky; Timothy Lee Hawthorne, The Ohio State University; Harald Bauder, Ryerson University; Jamie Peck, University of British Columbia; David A. Fyfe

Session Description: This panel explores the role, scope and place of professional development in doctoral curricula and how to improve on current practice. Graduate programs offer strong training in research and writing, but do not always address as thoroughly the full range of issues that are important to professional success, especially for the substantial proportion of doctoral students who pursue careers outside of academics.

Employment in the Public Sector: Getting a Job with the Federal Government

Tuesday, March 24, 3:10 p.m. - 4:50 p.m.

Room: Capri 101, Riviera Hotel, 1st Floor (Panel Session)

Organizer(s): Rachel S. Franklin, Association of American Geographers; Matthew T. Koeppe, Association of American Geographers

Chair(s): Rachel S. Franklin, Association of American Geographers

Panelist(s): John Adler, NOAA / CIRES; John Cromartie, USDA; Paul Weise, NGA; Marc J. Perry, U.S. Census Bureau; Lowry Taylor, U.S. Department of State; Peter R. Claggett, U.S. Geological Survey

Panel Description: This panel session is designed for individuals curious about careers in the federal government. Panelists are representative of a broad range of federal agencies and educational backgrounds, and will come prepared to discuss and field questions regarding their professional backgrounds and training, the types of work geographers perform in their agencies; the types of skills they look for when hiring, both broadly and specific to geographer positions. Information will also be provided regarding how often openings become available in these various agencies, how to find out about openings and apply. The format of the session will lend itself to informal discussion and questions from the audience.

JOBS IN GEOGRAPHY (JIG)

TUESDAY, MARCH 24 (continued)

Civilian Geographers working for the U.S. Army Topographic Engineering Center (TEC) (Sponsored by Military Geography Specialty Group; Private/Public Affinity Group; Cartography Specialty Group)

Tuesday, March 24, 3:10 p.m. - 4:50 p.m.

Room: North Hall N102, Las Vegas Convention Center (Panel Session)

Organizer(s): Ray Caputo, U.S. Army Corps of Engineers

Introducer(s): Ray Caputo, U.S. Army Corps of Engineers

Session Description: We would like to have the Director of TEC/Army Geospatial Information Officer give an overview on this unique Army lab whose mission is to provide soldiers with a superior knowledge of the operational environment and to support the nation's civil and environmental initiatives through research, development, and the application of expertise in the topographic and related sciences then have a panel of TEC employees talk about what we do and how we got to TEC. This would be great for the young just getting out of college and the "old" looking for a change.

THURSDAY, MARCH 26

Earning your Varves (i.e. Stripes) in a Geography Career: Effective Mentoring Relationships (Sponsored by Enhancing Departments and Graduate Education project (EDGE))

Thursday, March 26, 3:10 p.m. - 4:50 p.m.

Room: Skybox 207, Riviera Hotel, 2nd Floor (Panel Session)

Organizer(s): Micheline Van Riemsdijk, University of Tennessee; Rosann Poltrone, Arapahoe Community College

Panelist(s): Diane M. Stanitski, Geocation, LLC; Steven Jennings, University of Colorado; Gerald R. Webster, University of Wyoming; Christian Sellar, University of North Carolina, Chapel Hill; Rosann Poltrone, Arapahoe Community College; Micheline Van Riemsdijk, University of Tennessee

Session Description: In academia we establish mentoring relationships between advisors and students, and these relationships can have important effects on the scholarly achievements of students. However, it can be difficult to foster new mentor relations once we leave the security of graduate school and start a career. In some academic departments, new hires are paired with experienced faculty members while other departments may take a more hands-off approach. Research has shown that people in effective mentoring relationships are more likely to succeed professionally. For instance, Robert Boice (2000) found that new faculty members in highly effective mentoring relationships were more likely to meet departmental expectations for scholarly productivity, teaching, and collegiality than faculty members who did not have effective mentors. Because mentoring is so important to start a career successfully, we will discuss issues that contribute to effective mentoring relationships.

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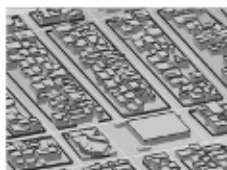
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SPECIAL EVENTS AND MEETINGS SUMMARY

(See page 50-52 for a listing of Specialty and Affinity Group Business Meetings)

AAG Annual Awards Luncheon

Friday, March 27, 12:00 p.m. - 2:15 p.m.
(*Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor*)

AAG Business Meeting

Friday, March 27, 2:30 p.m. - 3:30 p.m.
(*Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor*)

AAG Committee on Committees Meeting

Friday, March 20, 1:00 p.m. - 3:00 p.m.
(*Capri 114, Riviera Hotel, 1st Floor*)

AAG Council Meeting

Friday, March 20, 3:00 p.m. - 7:00 p.m.
Saturday, March 21, 8:00 a.m. - 6:00 p.m.
Sunday, March 22, 8:00 a.m. - 12:00 p.m.
(*Capri 114, Riviera Hotel, 1st Floor*)

AAG Department Chairs Luncheon

Tuesday, March 24, 12:00 p.m. - 2:00 p.m.
(*Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor*)

AAG Executive Committee Meeting

Friday, March 20, 11:00 a.m. - 1:00 p.m.
(*Capri 114, Riviera Hotel, 1st Floor*)

AAG International Networking Reception

Monday, March 23, 6:15 p.m. - 8:30 p.m.
(*AAG Exhibit Hall: Grande Ballroom ABEF, Riviera Hotel, 1st Floor*)

AAG Jobs in Geography (JIG) Center

Tuesday, March 24, 9:30 a.m. - 4:30 p.m.
Wednesday, March 25, 9:30 a.m. - 4:30 p.m.
Thursday, March 26, 9:30 a.m. - 4:30 p.m.
(*Capri 102, Riviera Hotel, 1st Floor*)

AAG Opening Evening Events

Sunday, March 22, 5:00 p.m. - 8:30 p.m.
(*Royale Pavilion 5-7, Riviera Hotel, 1st Floor*)
5:00 p.m. - 6:00 p.m. Welcome Reception
6:00 p.m. - 7:30 p.m. Presidential Plenary: *The Future of Water in the American West*
7:30 p.m. - 8:30 p.m. Book signing with James Powell

AAG Past President's Address by Thomas J. Baerwald

Monday, March 23, 5:15 p.m. - 6:15 p.m.
(*Royale Pavilion 5, Riviera Hotel, 1st Floor*)

AAG Presidential Plenary: *The Future of Water in the American West*

Sunday, March 22, 6:00 p.m. - 7:30 p.m.
(*Royale Pavilion 5, Riviera Hotel, 1st Floor*)

AAG Specialty and Affinity Group Chairs Meeting

Monday, March 23, 11:55 a.m. - 12:55 p.m.
(*Capri 112, Riviera Hotel, 1st Floor*)

AAG New / Incoming Specialty and Affinity Group Chairs Orientation Session
Thursday, March 26, 5:20 p.m. - 7:00 p.m.
(*Royale Pavilion 6, Riviera Hotel, 1st Floor*)

Antipode Lecture and Reception

Wednesday, March 25, 5:20 p.m. - 8:00 p.m.
(*Royale Pavilion 5, Riviera Hotel, 1st Floor*)

Applied Geography Conference Board of Directors Meeting

Thursday, March 26, 5:00 p.m. - 6:00 p.m.
(*Skybox 201, Riviera Hotel, 2nd Floor*)

Chinese Professionals in Geographic Information Science (CPGIS) Gathering

Tuesday, March 24, 7:00 p.m. - 9:00 p.m.
(*Skybox 207, Riviera Hotel, 2nd Floor*)

Coffee Break with the AAG Exhibitors

Tuesday, March 24, 2:40 p.m.
Wednesday, March 25, 2:40 p.m.
(*AAG Exhibit Hall: Grande Ballroom ABEF, Riviera Hotel, 1st Floor*)

SPECIAL EVENTS AND MEETINGS SUMMARY

(See page 50-52 for a listing of Specialty and Affinity Group Business Meetings)

Colorado Geography Party in Memory of Gary Gaile
 Tuesday, March 24, 8:00 p.m. - 11:00 p.m.
(Capri 110, Riviera Hotel, 1st Floor)

Commemorating 100 years Tijdschrift voor Economische en Sociale Geografie
 Wednesday, March 25, 6:45 p.m. - 8:00 p.m.
(Grande Ballroom G, Riviera Hotel, 1st Floor)

Gender, Place and Culture - Jan Monk Reception
 Wednesday, March 25, 10:00 a.m. - 1:00 p.m.
(Grande Ballroom G, Riviera Hotel, 1st Floor)

Geographical Analysis Editorial Board Meeting
 Thursday, March 26, 7:30 p.m. - 8:30 p.m.
(Grande Ballroom H, Riviera Hotel, 1st Floor)

Geomorphology Specialty Group's 30th Anniversary Reception
 Tuesday, March 24, 8:30 p.m. - 10:30 p.m.
(Royale Pavilion 1, Riviera Hotel, 1st Floor)

GTU Executive Committee Meeting
 Thursday, March 26, 8:00 a.m. - 12:00 p.m.
(Monaco 16, Riviera Monaco Tower, 2nd Floor)

Historical Geography Editorial Board
 Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(Monaco 16, Riviera Monaco Tower, 2nd Floor)

Itineraires of Recognition: Cities and the Geography of Authoritative Knowledge
 Thursday, March 26, 5:20 p.m. - 8:00 p.m.
(Grande Ballroom C, Riviera Hotel, 1st Floor)

Latin America Specialty Group (LASG/CLAG) Reception
 Tuesday, March 24, 8:00 p.m. - 9:00 p.m.
(Skybox 206, Riviera Hotel, 2nd Floor)

Minnesota Reception
 Wednesday, March 25, 8:30 p.m. - 11:30 p.m.
(Skybox 207-208, Riviera Hotel, 2nd Floor)

Nebraska Night
 Wednesday, March 25, 8:00 p.m. - 10:00 p.m.
(Royale Pavilion 8, Riviera Hotel, 1st Floor)

Ohio State Geography Welcome Party
 Thursday, March 26, 8:00 a.m. - 10:00 a.m.
(Skybox 207-208, Riviera Hotel, 2nd Floor)

Placing Geography Discussion Forum
 Thursday, March 26, 9:00 p.m. - 10:30 p.m.
(Restaurant Italiano, Riviera Hotel)

Physical Geography Reception
 Wednesday, March 25, 9:00 p.m. - 11:00 p.m.
(Royale Pavilion 1, Riviera Hotel, 1st Floor)

Roepke Lecture Reception
 Tuesday, March 24, 7:00 p.m. - 9:00 p.m.
(Grande Ballroom G, Riviera Hotel, 1st Floor)

Singapore Journal of Tropical Geography Reception
 Monday, March 23, 6:00 p.m. - 7:00 p.m.
(Skybox 212, Riviera Hotel, 2nd Floor)

Spatial Analysis and Modeling Plenary Lecture and Geographic Analysis Reception
 Wednesday, March 25, 5:20 p.m. - 7:00 p.m.
(Capri 105, Riviera Hotel, 1st Floor)

University of Akron/Regional Development and Planning Specialty Group Joint Reception
 Wednesday, March 25, 7:15 p.m. - 9:00 p.m.
(Skybox 206, Riviera Hotel, 2nd Floor)

University of Georgia Reception
 Tuesday, March 24, 8:30 p.m. - 11:30 p.m.
(Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor)

University of Maryland, Department of Geography, Alumni Reception
 Wednesday, March 25, 7:00 p.m. - 9:00 p.m.
(Grande Ballroom D, Riviera Hotel, 1st Floor)

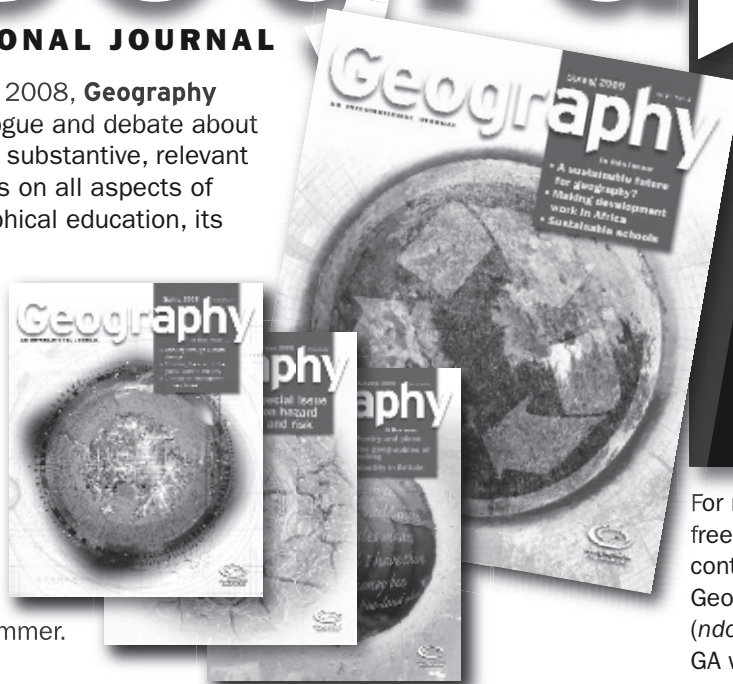
University of Wisconsin Department Reception
 Tuesday, March 24, 7:30 p.m. - 10:00 p.m.
(Royale Pavilion 5, Riviera Hotel, 1st Floor)

World Geography Bowl
 Tuesday, March 24, 7:00 p.m. - 10:00 p.m.
(Royale Pavilion 3,4,7,8, Riviera Hotel, 1st Floor)

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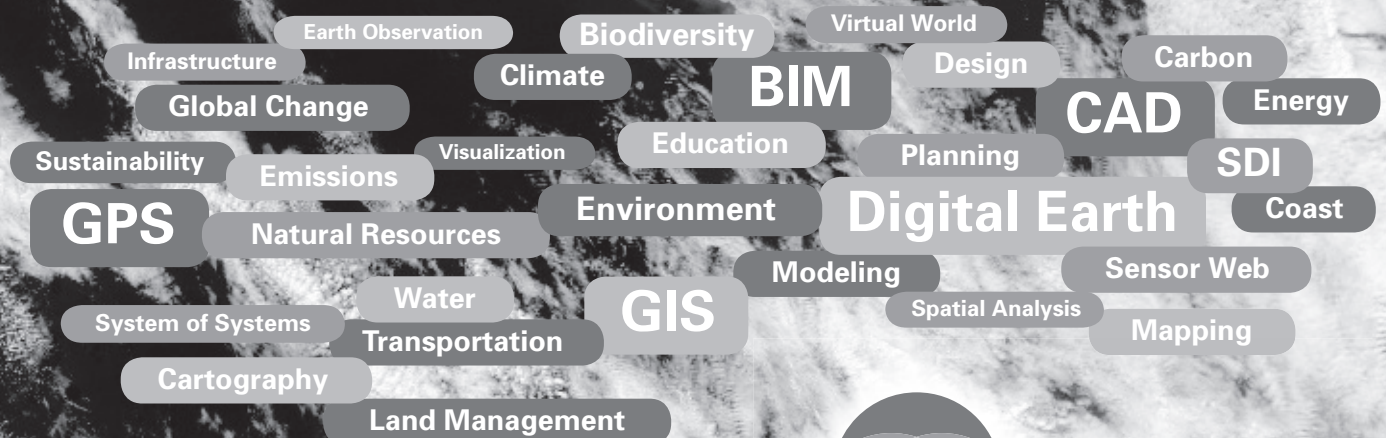
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SPECIALTY AND AFFINITY GROUP BUSINESS MEETINGS

Africa Specialty Group Business Meeting

Wednesday, March 25, 8:00 p.m. - 9:00 p.m.
(*Royale Pavilion 7, Riviera Hotel, 1st Floor*)

Animal Geography Specialty Group Business Meeting

Wednesday, March 25, 7:00 p.m. - 8:00 p.m.
(*Capri 107, Riviera Hotel, 1st Floor*)

Applied Geography Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(*Skybox 211, Riviera Hotel, 2nd Floor*)

Asian Geography Specialty Group Business Meeting

Wednesday, March 25, 7:00 p.m. - 8:00 p.m.
(*Capri 105, Riviera Hotel, 1st Floor*)

Bible Geography Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(*Capri 112, Riviera Hotel, 1st Floor*)

Biogeography Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(*Skybox 210, Riviera Hotel, 2nd Floor*)

Business Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(*Skybox 212, Riviera Hotel, 2nd Floor*)

Canadian Studies Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(*North Hall N109, Las Vegas Convention Center*)

Cartography Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(*North Hall N120, Las Vegas Convention Center*)

China Specialty Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(*North Hall N101, Las Vegas Convention Center*)

Climate Specialty Group Business Meeting

Wednesday, March 25, 7:00 p.m. - 8:00 p.m.
(*Royale Pavilion 3, Riviera Hotel, 1st Floor*)

Coastal and Marine Specialty Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(*North Hall N119, Las Vegas Convention Center*)

Communication Geography Specialty Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(*North Hall N117, Las Vegas Convention Center*)

Community College Affinity Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(*Capri 114, Riviera Hotel, 1st Floor*)

Cryosphere Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(*North Hall N115, Las Vegas Convention Center*)

Cultural and Political Ecology Specialty Group Business Meeting

Wednesday, March 25, 7:00 p.m. - 8:00 p.m.
(*Royale Pavilion 7, Riviera Hotel, 1st Floor*)

Cultural Geography Specialty Group Business Meeting

Wednesday, March 25, 8:00 p.m. - 9:00 p.m.
(*Royale Pavilion 3, Riviera Hotel, 1st Floor*)

Cyberinfrastructure Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(*Skybox 211, Riviera Hotel, 2nd Floor*)

Developing Areas Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(*North Hall N120, Las Vegas Convention Center*)

Disability Specialty Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(*Royale Pavilion 4, Riviera Hotel, 1st Floor*)

Economic Geography Specialty Group Business Meeting

Monday, March 23, 11:55 a.m. - 12:55 p.m.
(*Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor*)

Energy and Environment Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(*North Hall N112, Las Vegas Convention Center*)

Environmental Perception and Behavioral Geography Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(*Skybox 209, Riviera Hotel, 2nd Floor*)

SPECIALTY AND AFFINITY GROUP BUSINESS MEETINGS

Ethics, Justice, and Human Rights Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(North Hall N119, Las Vegas Convention Center)

Ethnic Geography Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(Royale Pavilion 6, Riviera Hotel, 1st Floor)

European Specialty Group Business Meeting

Thursday, March 26, 7:00 p.m. - 8:00 p.m.
(Capri 114, Riviera Hotel, 1st Floor)

Geographic Information Science and Systems Specialty Group Business Meeting

Wednesday, March 25, 7:00 p.m. - 8:00 p.m.
(Royale Pavilion 4, Riviera Hotel, 1st Floor)

Geographic Perspectives on Women Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(Royale Pavilion 7, Riviera Hotel, 1st Floor)

Geography Education Specialty Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(Royale Pavilion 7, Riviera Hotel, 1st Floor)

Geography of Religions and Belief Systems Specialty Group Business Meeting

Wednesday, March 25, 8:00 p.m. - 9:00 p.m.
(Capri 105, Riviera Hotel, 1st Floor)

Geomorphology Specialty Group Business Meeting

Tuesday, March 24, 7:00 p.m. - 8:00 p.m.
(Grande Ballroom H, Riviera Hotel, 1st Floor)

Graduate Student Affinity Group Business Meeting

Monday, March 23, 7:30 p.m. - 9:30 p.m.
(Capri 112, Riviera Hotel, 1st Floor)

Hazards Specialty Group Business Meeting

Wednesday, March 25, 8:00 p.m. - 9:00 p.m.
(Royale Pavilion 4, Riviera Hotel, 1st Floor)

Historical Geography Specialty Group Business Meeting

Tuesday, March 24, 7:00 p.m. - 8:00 p.m.
(Capri 115, Riviera Hotel, 1st Floor)

History of Geography Specialty Group Business Meeting

Tuesday, March 24, 8:00 p.m. - 9:00 p.m.
(Capri 115, Riviera Hotel, 1st Floor)

Human Dimensions of Global Change Specialty Group Business Meeting

Thursday, March 26, 7:00 p.m. - 8:00 p.m.
(Capri 115, Riviera Hotel, 1st Floor)

Indigenous Peoples Specialty Group Business Meeting

Tuesday, March 24, 7:00 p.m. - 8:00 p.m.
(Capri 107, Riviera Hotel, 1st Floor)

Latin America Specialty Group Business Meeting

Tuesday, March 24, 7:00 p.m. - 8:00 p.m.
(Skybox 206, Riviera Hotel, 2nd Floor)

Medical Geography Specialty Group Business Meeting

Tuesday, March 24, 7:00 p.m. - 8:00 p.m.
(Capri 116, Riviera Hotel, 1st Floor)

Middle East Specialty Group Business Meeting

Tuesday, March 24, 8:00 p.m. - 9:00 p.m.
(Capri 114, Riviera Hotel, 1st Floor)

Military Geography Specialty Group Business Meeting

Wednesday, March 25, 7:00 a.m. - 8:00 a.m.
(Royale Pavilion 7, Riviera Hotel, 1st Floor)

Mountain Geography Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(Capri 114, Riviera Hotel, 1st Floor)

Paleoenvironmental Change Specialty Group Business Meeting

Thursday, March 26, 7:00 p.m. - 8:00 p.m.
(Capri 113, Riviera Hotel, 1st Floor)

Political Geography Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(Royale Pavilion 6, Riviera Hotel, 1st Floor)

Population Specialty Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(North Hall N111, Las Vegas Convention Center)

SPECIALTY AND AFFINITY GROUP BUSINESS MEETINGS

Private/Public Affinity Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(Skybox 203, Riviera Hotel, 2nd Floor)

Qualitative Research Specialty Group Business Meeting

Tuesday, March 24, 7:00 p.m. - 8:00 p.m.
(Capri 114, Riviera Hotel, 1st Floor)

Recreation, Tourism, and Sport Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(North Hall N111, Las Vegas Convention Center)

Regional Development and Planning Specialty Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(North Hall N112, Las Vegas Convention Center)

Remote Sensing Specialty Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(Royale Pavilion 4, Riviera Hotel, 1st Floor)

Retired Geographers Organization Business Meeting

Tuesday, March 24, 4:00 p.m. - 5:00 p.m.
(Capri 110, Riviera Hotel, 1st Floor)

Rural Geography Specialty Group Business Meeting

Monday, March 23, 7:00 p.m. - 8:00 p.m.
(Royale Pavilion 4, Riviera Hotel, 1st Floor)

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

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(North Hall N116, Las Vegas Convention Center)

Sexuality and Space Specialty Group Business Meeting

Thursday, March 26, 7:00 p.m. - 8:00 p.m.
(Skybox 204, Riviera Hotel, 2nd Floor)

Socialist and Critical Geography Specialty Group Business Meeting

Wednesday, March 25, 11:55 a.m. - 12:55 p.m.
(Skybox 211, Riviera Hotel, 2nd Floor)

Spatial Analysis and Modeling Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(Grande Ballroom G, Riviera Hotel, 1st Floor)

Stand-Alone Geographers Affinity Group Business Meeting

Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(Capri 115, Riviera Hotel, 1st Floor)

Study of the American South Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(Capri 113, Riviera Hotel, 1st Floor)

Transportation Geography Specialty Group Business Meeting

Tuesday, March 24, 11:55 a.m. - 12:55 p.m.
(Capri 116, Riviera Hotel, 1st Floor)

Urban Geography Specialty Group Business Meeting

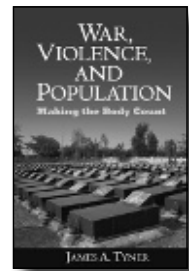
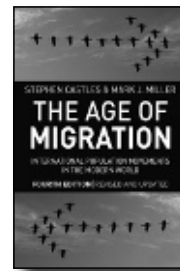
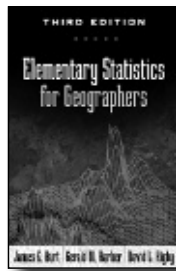
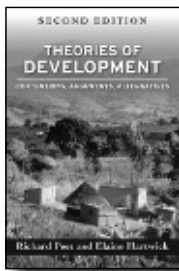
Thursday, March 26, 11:55 a.m. - 12:55 p.m.
(Grande Ballroom D, Riviera Hotel, 1st Floor)

Water Resources Specialty Group Business Meeting

Thursday, March 26, 7:00 p.m. - 9:00 p.m.
(Royale Pavilion 5, Riviera Hotel, 1st Floor)

Wine Specialty Group Business Meeting

Wednesday, March 25, 7:00 p.m. - 8:00 p.m.
(Capri 109, Riviera Hotel, 1st Floor)



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March 2009, 226 Pages

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TEXT

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WORKSHOPS

SUNDAY, MARCH 22

Metadata within Cyberinfrastructure: An Introduction to the Geospatial Metadata Needs, Practice, and Future within the Cyberinfrastructure

Sunday, March 22, 9:00 a.m. - 2:00 p.m.

Organizer/Instructor: Phil Yang and Wenwen Li, George Mason University

Workshop #1; Workshop Capacity: 40

Cost/person: \$65

Room: Capri 101, Riviera Hotel, 1st Floor

This workshop will integrate several projects of GOS, EIE, WECHO, and Interoperability Testbed to introduce the following: What is metadata? What is the FGDC metadata standard? What we could use the metadata for? What are the online tools available for us to create metadata? How to search data by using metadata catalogs? How metadata relate to knowledge representation and ontology? How metadata can help with knowledge-based reasoning and computing scheduling, as well as data management and visualization? How metadata can be utilized within grid computing, cloud computing, and other advanced cyberinfrastructure topics. Participants will be expected to bring a laptop.

Field Mapping Fundamentals - A Hands-On Approach

Sunday, March 22, 9:00 a.m. - 4:00 p.m.

Organizer/Instructor: Michele Mattix, Allen Instruments

Workshop #3; Workshop Capacity: 15

Cost/person: \$125

Room: Capri 108, Riviera Hotel, 1st Floor

Using GPS adds a new dimension to field work and teaching but navigating through the myriad of products can get even geographers hopelessly lost! In this workshop, you will be guided through the process of selecting the GPS equipment that best suits your needs. We will assess your needs and compare them to the GPS units on the market today, discussing topics such as accuracy, differential correction, data transfer, and interoperability with peripheral units and mapping software. We will use GPS units to work through the standard workflow of setting up a project, loading background data, creating a data dictionary, collecting data in the field, differentially correcting the data, and exporting the data into a mapping format.

EDGE Workshop: Introducing Professional Development Topics in the Graduate Curriculum

Sunday, March 22, 3:10 p.m. - 5:10 p.m.

Organizer/Instructor: Michael N. Solem, Association of American Geographers

Workshop #7; Workshop Capacity: 20

Cost/person: \$5

Room: Capri 101, Riviera Hotel, 1st Floor

Time management, collegiality, professional ethics, academic publishing, course design, interdisciplinary collaboration, career planning, and teaching diverse student are among the topics that, although central to academic careers, are rarely discussed systematically in doctoral programs. This workshop will demonstrate some of the ways these and other topics can be introduced to aspiring academics in the early stages of their professional development. Participants will review a new AAG faculty development website that can be used with graduate students and faculty in a variety of settings: courses, seminars, workshops, brown-bags, colloquia, as well as independently. The website supports two books, *Aspiring Academics* and *Teaching College Geography*, produced for the AAG's EDGE project with support from the National Science Foundation. Participants will receive complimentary copies of both books.

Note to participants: Please bring a laptop computer.

MONDAY, MARCH 23

EDGE Workshop: Time Management: Setting Priorities and Maintaining Balance

Monday, March 23, 10:00 a.m. - 12:00 p.m.

Organizer: Michael N. Solem, Association of American Geographers

Instructor: Kenneth E. Foote, University of Colorado, Boulder

Workshop #2; Workshop Capacity: 20

Cost/person: \$5

Room: Capri 110, Riviera Hotel, 1st Floor

The session focuses on issues of time management for graduate students and early-career, concentrating especially on balancing the responsibilities of research, teaching, and service as well as family and personal life. The workshop will begin with a brief overview of research on time management and then turn to strategies for improving productivity. A discussion will follow to allow participants to share their strategies and concerns. This workshop is sponsored by the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography project and is based on the EDGE book *Aspiring Academics*. Participants will receive a complimentary copy of the book.

WORKSHOPS

MONDAY, MARCH 23 (continued)

Writing Proposals for NSF Geography and Regional Sciences

Monday, March 23, 10:10 a.m. - 11:50 a.m.

Organizer: Kenneth R. Young, National Science Foundation

NSF Instructors: Thomas J. Baerwald and Scott M. Freundsuh, National Science Foundation

Workshop #5; Workshop Capacity: 50

Cost/person: free

Room: Capri 107, Riviera Hotel, 1st 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.

Writing Doctoral Dissertation Proposals for NSF Geography and Regional Science

Monday, March 23, 1:00 p.m. - 2:40 p.m.

Organizer: Kenneth R. Young, National Science Foundation

NSF Instructors: Thomas J. Baerwald and Scott M. Freundsuh, National Science Foundation

Workshop #6; Workshop Capacity: 50

Cost/person: free

Room: Capri 107, Riviera Hotel, 1st 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.

WileyPlus and Human Geography in Action: Interactive Learning with Less Grading

Monday, March 23, 1:00 p.m. - 4:00 p.m.

Organizer: Danielle Torio, John Wiley & Sons, Inc.

Instructors: Mike Kuby, Arizona State University; John Harner, University of Colorado at Colorado Springs

Workshop #8; Workshop Capacity: 25

Cost/person: \$65 (*includes beverages*)

Room: Capri 110, Riviera Hotel, 1st Floor

John Wiley & Sons authors Michael Kuby and John Harner lead this hands-on workshop showing professors the best way to utilize WileyPlus for live and online classes using their interactive textbook, *Human Geography in Action*. WileyPLUS is a course management system that has helped students and instructors achieve positive learning outcomes by combining robust tools with interactive teaching and learning resources—including a complete online version of the text—all in one easy-to-use system. WileyPlus allows for automated assigning and grading of homework using the time-tested student activities and computer animations in *Human Geography in Action*.

Teaching with ArcGIS Network Analyst

Monday, March 23, 9:00 a.m. - 12:00 p.m.

Organizer/Instructor: Angela Lee and Geri Pepe, ESRI

Workshop #9; Workshop Capacity: 15

Cost/person: \$50

Room: Capri 109, Riviera Hotel, 1st Floor

ArcGIS Network Analyst provides tools for conducting sophisticated transportation analysis. The workshop covers functionality that is available for solving different types of transportation network problems - finding the most efficient route based on various costs and impedances, finding the closest facility, defining service areas based on travel time. Strong emphasis will be given on creating a good quality network dataset that will enable this drive-time analysis. Utilizing multimodal networks, i.e. using different transportation media (car, train, subway, boat, etc.), will also be examined. Educators in urban planning, transportation geography, logistics, and emergency management will find the workshop particularly beneficial.

WORKSHOPS

MONDAY, MARCH 23 (continued)

Spatial Analysis with ArcGIS Spatial Analyst and Spatial Statistics

Monday, March 23, 1:30 p.m. - 4:30 p.m.

Organizer/Instructor: Angela Lee and Geri Pepe, ESRI

Workshop #10; Workshop Capacity: 15

Cost/person: \$50

Room: Capri 109

This workshop covers tools that are available for conducting spatial analysis, including the ArcGIS geoprocessing framework, the ArcGIS Spatial Analyst extension, and the Spatial Statistics Toolbox. Attendees will solve problems such as surface analysis, site suitability analysis, and best cost path distance modeling. The ArcGIS geoprocessing framework, which includes ArcToolbox and ModelBuilder, is emphasized. The Spatial Statistics Toolbox will also be used for things such as analyzing patterns, mapping clusters and measuring geographic distributions. Educators in all areas of geography will find the workshop beneficial.

How to Establish and Sustain an Undergraduate Research Program

Monday, March 23, 8:00 a.m. - 12:00 p.m.

Organizer/Instructor: Laura Guertin, The Pennsylvania State University, Brandywine; Deanna van Dijk, Calvin College

Workshop #11; Workshop Capacity: 20

Cost/person: \$10

Room: Capri 108, Riviera Hotel, 1st Floor

This workshop is focused on developing a successful research program involving undergraduate participants and on inquiry-based courses and teaching practices that are effective in preparing students to pursue research. The course is designed to serve the needs of early-career faculty and others considering academic careers. The workshop facilitators are all current officers in the Council on Undergraduate Research who have extensive experience in working successfully with undergraduate students in their research enterprises.

TUESDAY, MARCH 24

Writing CAREER Proposals for NSF Geography and Regional Science

Tuesday, March 24, 10:10 a.m. - 11:50 a.m.

Organizer/Instructor: Kenneth R. Young, Thomas J. Baerwald and Scott M. Freundsuh, National Science Foundation

Workshop #12; Workshop Capacity: 50

Cost/person: free

Room: Capri 107, Riviera Hotel, 1st 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 Sciences (Repeat)

Tuesday, March 24, 1:00 p.m. - 2:40 p.m.

Organizer/Instructor: Kenneth R. Young, Thomas J. Baerwald and Scott M. Freundsuh, National Science Foundation

Workshop #13; Workshop Capacity: 50

Cost/person: free

Room: Capri 107, Riviera Hotel, 1st 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

TUESDAY, MARCH 24 (continued)

Using Photography to Investigate Urban Landscape

Sunday, March 22, 10:00 a.m. - 7:00 p.m. *(includes break & independent work)*

Organizer/Instructor: Caroline Knowles, Centre for Urban & Community Research; Paul Halliday, Goldsmiths, University of London

Workshop #14; Workshop Capacity: 30

Cost/person: \$60 *(includes beverages)*

Room: Capri 108, Riviera Hotel, 1st Floor

This workshop is intended for those interested in developing their use of visual methods in social and spatial research and commentary. It involves a two hour briefing on fundamentals of photography in the investigation and analysis of urban landscape and social life, and ways of conceptualizing photography as an investigative and analytical tool. Following the briefing participants are encouraged to apply what they have learned to any aspect of the urban environment around the conference venue in groups of 3-5 for a period of 2-3 hours. They will subsequently discuss and edit their photographs ready for presentation (1 to 2 hours), returning to the workshop venue for a further two hours to exhibit and discuss their work with the workshop organizers and the group. Please bring your digital (or cell phone) camera with you, as well as a camera/laptop connection.

EDGE Workshop: Advising Students in Geography

Tuesday, March 24, 10:10 a.m. - 11:50 a.m.

Organizer: Michael N. Solem, Association of American Geographers

Instructors: Fred M. Shelley and Heather Hollen, University of Oklahoma

Workshop #15; Workshop Capacity: 20

Cost/person: \$5

Room: Capri 109, Riviera Hotel, 1st 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*. Participants will receive a complimentary copy of the book.

Teaching Geography: An Introduction to Spatial Thinking Skills

Tuesday, March 24, 1:00 p.m. - 4:00 p.m.

Organizer: Susan Gallagher, Association of American Geographers

Instructors: Phil Gersmehl, New York Center for Geographic Learning, Hunter College, CUNY; Susan Gallagher, Association of American Geographers

Workshop #16; Workshop Capacity: 25

Cost/person: \$20 *(includes beverages)*

Room: Capri 109, Riviera Hotel, 1st Floor

This workshop will assist K-16, including preservice and undergraduate, geography faculty in identifying examples of geography content instruction which engage students in the modes of spatial thinking. Examples from the 80 instructional units on the Teaching Geography CD-ROM (developed with funding from FIPSE) will be introduced. Current information on developing spatial thinking skills in students will be discussed. Each participant will receive a free copy of the Teaching Geography book and CD.

Wine Tasting-Geography of Italian Wines

Tuesday, March 24, 1:00 p.m. - 3:00 p.m.

Organizer/Instructor: Percy H. Douherty, Kutztown University, Lehigh County

Workshop #26; Workshop Capacity: 40

Cost/person: \$40

Room: Capri 112, Riviera Hotel, 1st Floor

Take a virtual fieldtrip of the wine regions of Italy and taste the geography! Participate in a comparative tasting of red wines from different wine regions of Italy and find out what makes them geographically unique.

Join us as we analyze why grape varieties are produced in limited locations because of differences in climate, soil, geology, drainage and environmental factors. Learn what grapes are in wine blends known by their geographical name. Eight wines will be tasted including: Barbaresco from Piedmonte, Nero d'Avola from Sicily, Primitivo from Apulia, Sangiovese from Tuscany, Aglianico from Campania, Valpolicella from Veneto, Montepulciano from Abruzzi.

WORKSHOPS

TUESDAY, MARCH 24 (continued)

EDGE Workshop: Academic Publishing

Tuesday, March 24, 8:00 a.m. - 10:30 a.m.

Organizer: Michael N. Solem, Association of American Geographers

Instructor: Stan Brunn, University of Kentucky

Workshop #4; Workshop Capacity: 20

Cost/person: \$5 (*includes snacks and beverages*)

Room: Capri 112, Riviera Hotel, 1st 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*. Participants will receive a complimentary copy of the book.

WEDNESDAY, MARCH 25

Ortelius™ - Dedicated Cartography Software for the Mac

Wednesday, March 25, 10:00 a.m. - 12:00 p.m.

Organizer/Instructor: Jill Saligoe-Simmel, PhD, Mapdiva, LLC

Workshop #17; Workshop Capacity: 48

Cost/person: \$20

Room: Capri 108, Riviera Hotel, 1st Floor

Ortelius is a dedicated map-making illustration program that knows geography. Draw directly with roads, railways, boundaries, buildings, woods and streams. Roads (for example) know how they connect to each other and junctions are drawn properly, fully automatically. If it needs moving, it will move all of its connected feeder roads with it, maintaining junctions as it goes. Draw directly, use existing maps, or trace over aerial photographs. Use pre-loaded symbols or easily create your own. With standard and professional versions (coming soon), Ortelius™ has something for novice and professional alike. In this workshop we unveil Ortelius™ and demonstrate its capabilities.

Wine Tasting of Classic French Red Wines vs. New World Style Wines

Wednesday, March 25, 1:00 p.m. - 5:00 p.m.

Organizer: Percy H. Dougherty, Kutztown University

Instructors: Percy H. Dougherty, Kutztown University; Denyse Lemaire, Rowan University; Gregory Jones, Southern Oregon University

Workshop #18; Workshop Capacity: 40

Cost/person: \$36

Room: Capri 109, Riviera Hotel, 1st Floor

Compare 9 French wines to 9 wines produced from the same grape from "new world" locations. Learn what makes their terroir (geographic signature) unique. This is a blind tasting so participants will identify the wine by geographic descriptors. Wine pairings include: Burgundy Chardonnay/California, Loire Sauvignon Blanc/California, Alsatian Gewurztraminer/Washington, Alsatian Riesling/Oregon, Burgundy Pinot Noir/New Zealand, Rhone Syrah/Australian Shiraz, Loire Cabernet Franc/Washington, Cahors Malbec/Argentina, and Madiran Tannat/Uruguay. This workshop is an introduction to various white and red wines for the beginner; but, it also tests the palate of the expert. Join us and taste geography!

CGGE No Passports Required: Online Resources for Teaching International Perspectives in Geography

Wednesday, March 25, 1:00 p.m. - 4:00 p.m.

Organizer: Michael N. Solem, Association of American Geographers

Instructors: Phil Klein, Texas State University, San Marcos; Osvaldo Muniz Texas State University, San Marcos; Waverly Ray, Texas State University, San Marcos; Michael N. Solem, Association of American Geographers

Workshop #20; Workshop Capacity: 24

Cost/person: \$5

Room: Capri 110, Riviera Hotel, 1st Floor

Are you interested in teaching global issues to college students? Do you want to expand your professional networks in other countries? Could your students benefit from learning in an international community? If you answered "Yes" to one or more of these questions, this workshop is for you! Please join us and learn about the educational resources developed for the AAG's Center for Global Geography Education (CGGE) and how these resources can internationalize teaching and learning. CGGE modules offer compelling international case studies examining the global economy, population, migration, water resources, nationalism, and global climate change. The modules also feature collaborative activities that students can complete online with geography students in other countries. Coffee and soft drinks will be available. **Note to participants: Please bring a laptop computer.**

WORKSHOPS

WEDNESDAY, MARCH 25 (continued)

Publishing Your Scholarly Book

Wednesday, March 25, 10:00 a.m. - 12:00 p.m.

Organizer/Instructor: P.P. Karan, University of Kentucky; Stephen M. Wrinn, University Press of Kentucky; David Zurick, Eastern Kentucky University

Workshop #21; Workshop Capacity: 25

Cost/person: \$5

Room: Capri 109, Riviera Hotel, 1st Floor

This workshop will guide participants through book publishing process by the Director of the University of Kentucky Press. David Zurick will discuss guidelines for the preparation of maps and illustrations. Presentations will be followed by question and answer period. Potential authors should bring their book proposal and projects for discussion with the publisher.

Apply Your Science to Serve Society: Become an AAAS Science & Technology Policy Fellow

Wednesday, March 25, 5:20 p.m. - 7:00 p.m.

Organizer/Instructor: Ellen Hatleberg, American Association for the Advancement of Science (AAAS)

Workshop #27; Workshop Capacity: 50

Cost/person: free

Room: Capri 108, Riviera Hotel, 1st Floor

Come learn more about opportunities for scientists and engineers in federal policy-making. Plug the power of science into public policy by becoming an AAAS Science and Technology Policy Fellow. Since 1973, nearly 2,000 scientists and engineers have contributed their analytical skills to policy-making in Washington, D.C., while learning about the role of science in the federal government system. Career-enhancing opportunities are available in approximately 30 congressional offices and 12 federal agencies. A master's degree in engineering plus 3 years of post-degree experience or a terminal degree in any scientific discipline is required. Visit <http://fellowships.aaas.org> for more details.

THURSDAY, MARCH 26

Hands on with GPS/Laser Range Finder/and GPS Enabled Digital Camera

Thursday, March 26, 9:00 a.m. - 12:00 p.m.

Organizer/Instructor: Ashok Wadwani, Applied Field Data Systems, Inc.

Workshop #22; Workshop Capacity: 25

Cost/person: \$25

Room: Capri 109, Riviera Hotel, 1st Floor

This workshop will allow participants to use latest GPS MAPPING hardware (various brands of GPS grade receivers, PDA, Laser Range Finders and GPS enabled digital camera) to collect actual outdoor data and import into GIS. 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.

EDGE Workshop: GIS and Mapping Technologies: Applications for Reasoning and Critical Thinking

Thursday, March 26, 10:30 a.m. - 12:00 p.m.

Organizer: Michael N. Solem, Association of American Geographers

Instructors: Diana S. Sinton, University of Redlands; Rich Schultz, Elmhurst College

Workshop #23; Workshop Capacity: 25

Cost/person: \$5

Room: Capri 110, Riviera Hotel, 1st Floor

In this workshop participants will explore spatial data, consider spatial concepts, and address spatial problems using such tools as Google Earth® and ESRI's Arc Explorer Java Edition for Education (AEJEE). We will demonstrate how spatial software can help students gain confidence and competence at identifying spatial patterns and thinking with maps. Attendees will receive a CD and workbook including exercises and accompanying data. This workshop is sponsored by the AAG's Enhancing Departments and Graduate Education (EDGE) in Geography project and is based on the EDGE book Teaching College Geography. Participants will receive a complimentary copy of the book. *Note to participants: Please bring a laptop computer.*

WORKSHOPS

THURSDAY, MARCH 26 (continued)

Land Change Modeling Methods: Calibration, Validation, and Extrapolation

Thursday, March 26, 9:00 a.m. - 5:00 p.m.

Organizer/Instructor: Robert Gilmore Pontius Jr., Clark University

Workshop #24; Workshop Capacity: 50

Cost/person: \$75 (includes software, handouts and beverages)

Room: Capri 108, Riviera Hotel, 1st Floor

This course provides hands-on training in GIS-based land change modeling. Participants learn the concepts and perform the analyses necessary to calibrate, to validate, and to extrapolate land change. Participants learn how models work and how to quantify a model's ability to forecast land change based on a variety of statistical measurements. The workshop uses the modules Geomod, Validate, and ROC in the GIS software Idrisi. Prior experience with GIS is helpful, while prior experience with Idrisi is not necessary. Participants who complete the course are entitled to a 50 percent discount on purchase of an Idrisi license. Robert Gilmore Pontius Jr, "Gil" for short, is Associate Professor at Clark University in the School of Geography. His research compares land change models and quantifies their predictive abilities. He created the land-use change model Geomod and several new statistical techniques to compare maps at multiple resolutions. He is active in the National Science Foundation's Long Term Ecological Research (LTER) and Human Environment Regional Observatory (HERO) programs. Gil holds a Master of Applied Statistics from The Ohio State University and a doctorate from the State University of New York's College of Environmental Science and Forestry. He has been creating, researching, and evaluating land change models for the past 15 years. To see the products of his activity, please visit his web site at www.clarku.edu/~rpontius. Each participant must bring a PC laptop; Macs are not compatible.

The Geographic Approach and Spatial Literacy

Thursday, March 26, 10:00 a.m. - 12:00 p.m.

Organizer/Instructor: John Calkins, ESRI

Workshop #25; Workshop Capacity: 50

Cost/person: \$20

Room: Capri 107, Riviera Hotel, 1st Floor

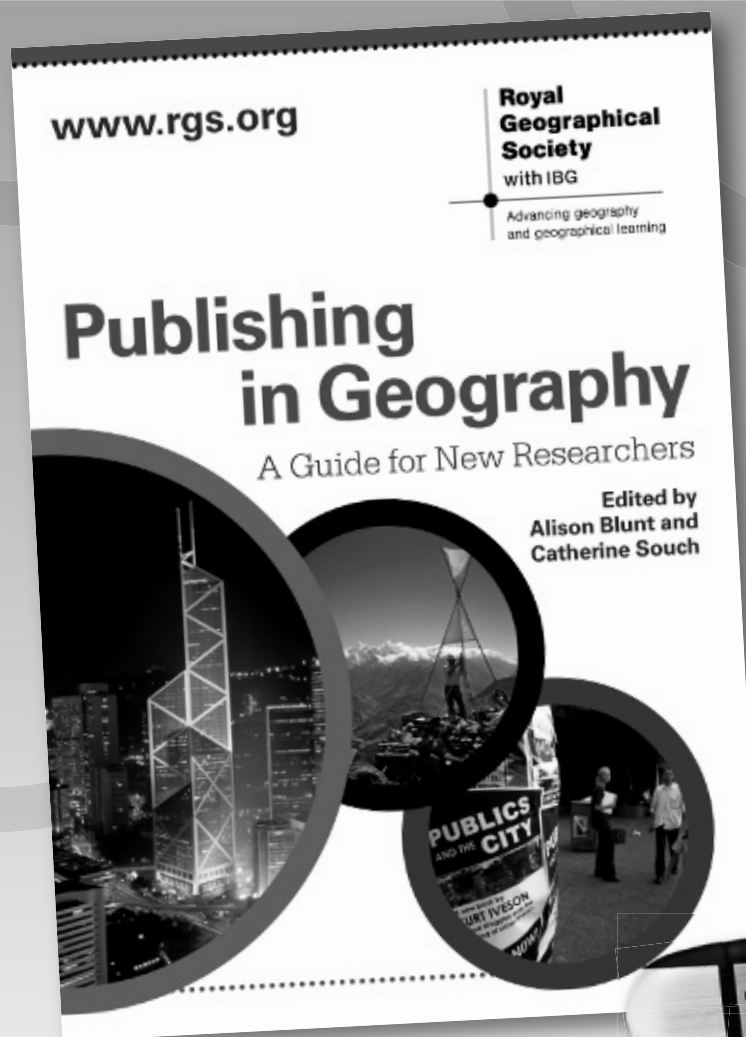
As GIS professionals and geographers, we all understand the value of geography. However, how well do we employ a geographic approach to problem solving? Are we capable of thinking spatially and seeing relationships and patterns in multi-dimensions? The more we understand our own skills and raise awareness of the geographic approach and spatial literacy, the more we can help our organizations achieve success. Explore and increase your abilities to think spatially through a different look at geographic problem solving around the world with this interactive collaborative workshop.

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GIS

FIELD TRIPS

All field trips will depart from the Riviera Convention Center Lobby, across from the AAG Registration Desk.

THURSDAY, MARCH 19

Route 66, Grand Canyon National Park, and Northern Arizona

Thursday, March 19, 8:00 a.m. - Saturday, March 21, 8:00 p.m.

Organizers/Leaders: Christina B. Kennedy, Northern Arizona University

Trip #1; Trip Capacity: 20

Cost/person: \$650

This three-day trip through Northern Arizona takes you along portions of old Route 66 to the Grand Canyon and on to portions of the Navajo Nation. Day one will include stops at small Arizona towns and a visit to the IMAX theatre in route to the South Rim of the Grand Canyon. Day two includes talks by graduate students who have Park Service and river guide experience. There will be free time at the Canyon before we continue on to historic Cameron Trading Post for the night. Day three we return to Las Vegas after a short side trip onto the Navajo Nation, a visit to Wapatki Ruins and a stop in historic downtown Flagstaff. Elevation change will be over 5000 ft. Weather is variable. Be prepared for a range of conditions from the mid 80s in Las Vegas to possible snow or rain at the Grand Canyon. Expect semi-rustic lodging. Day one lodging (the Thunderbird Lodge) will include shared rooms (two people per room). Single rooms will be available for an additional fee. Day two lodging at Cameron Trading Post is single rooms. Meals are not provided.

FRIDAY, MARCH 20

The Oasis Tour

Friday, March 20, 9:00 a.m. - Saturday, March 21, 5:30 p.m.

Organizers/Leaders: John Cloud, NOAA Central Library

Trip #2; Trip Capacity: 24

Cost/person: \$125 *(includes transportation, accommodations, dinner, breakfast, lunch and entrance fees)*

Few places are as compelling as those with abundant water in a desert. This tour will make a 2-day, 300 mile circle tour of historic oases in Nevada and California, staying overnight at the legendary Zzyzx, the desert study center. We'll leave Las Vegas in mini-vans, driving to Tecopa Hot Springs oasis, for a soak and lunch in a desert bistro. Then, we travel on to the nearby historic China Ranch date palm plantation. We'll then travel on to Zzyzx, arriving in time for a catered dinner on the Boulevard of Dreams, and a walk by the restoring wetlands. Travelers will stay overnight at the Zzyzx Desert Studies Center, in historic bungalow rooms, double occupancy, on beds furnished with sleeping bag liners sufficient for the spring temperatures. Zzyzx accommodations include catered dinner, breakfast, and bag lunch. The next morning, we'll visit a 19th century railroad oasis, the historic Kelso Depot. We'll eat our catered lunches at a vista point in the botanical oasis of the New York Mountains. We'll then return to Las Vegas refreshed, with a nuanced perspective on water in the desert.

SATURDAY, MARCH 21

Bus Trip to Death Valley National Park *(Sponsored by the Geomorphology Specialty Group as part of their 30th Anniversary celebration)*

Saturday, March 21, 7:00 a.m. - 7:00 p.m.

Organizers/Leaders: Professor Norman Meek, Department of Geography, CSU, San Bernardino

Trip #3; Trip Capacity: 55

Cost/person: \$90 *(includes lunch, refreshments, handouts and bus transportation)*

This is a one day trip of scenic Death Valley and nearby Tecopa basin. The trip will visit some of the most popular visitor locales, including Badwater, the Devil's Golf Course, Zabriskie Point and the Visitor's Center, as well as many lesser known sites. Please bring a coat, hat, field shoes and camera, and be prepared for both hot and cold weather. The trip price includes the entrance fee, a box lunch and soft drinks. Please eat breakfast before arriving for a prompt 0700 departure. The bus should arrive back at the hotel by dusk.

FIELD TRIPS

All field trips will depart from the Riviera Convention Center Lobby, across from the AAG Registration Desk.

SUNDAY, MARCH 22

Wild about Mojave Wildflowers

Sunday, March 22, 8:00 a.m. - 1:00 p.m.

Organizers/Leaders: Jill S. Heaton, University of Nevada, Reno; Todd Esque, U.S. Geological Survey

Trip #4; Trip Capacity: 24

Cost/person: \$45 (*includes transportation*)

The Mojave Desert is home to the greatest diversity of endemic plant species in North America. In good precipitation years (typically sufficient winter precipitation) portions of the Mojave Desert turn into seas of colorful, blooming wildflowers. This field trip will maximize your exposure to the greatest diversity of wildflowers and will cover natural history of the flowers and area we visit. Depending on wildflower blooms we will visit one of four areas: Red Rock Canyon National Conservation Area, Lake Mead National Recreation Area, Valley of Fire State Park or Mojave National Preserve.

MONDAY, MARCH 23

In John Wesley Powell's Wake: Southwest Utah and Zion National Park

Monday, March 23, 7:30 a.m. - 7:00 p.m.

Organizers/Leaders: Paul R. Larson, Southern Utah University; Paul Br. Frederic, University of Maine, Farmington; Robert C.

Corbett, Illinois State University

Trip #5; Trip Capacity: 36

Cost/person: \$96 (*includes transportation, handouts, snacks and entrance fees*)

This field trip, an extension of two sessions on John Wesley Powell, focuses on Powell's interests including western water policy, geology and arid land exploration. Water issues in southwest Utah are examined with special attention to the controversial proposed pipeline from Lake Powell/Colorado River to supply growing urban water demand in the St. George area. Zion National Park, partly explored by Powell, offers geologic examples of interest to him. Brief roadside stops to view outcrops, erosion, seeps and other features are planned. Exact sites visited may vary depending on weather conditions. Comfortable walking shoes or hiking boots are recommended.

The Threatened Desert Tortoise: Ecology and Management

Monday, March 23, 8:00 a.m. - 1:00 p.m.

Organizers/Leaders: Jill S. Heaton, University of Nevada Reno; Ken Nussear, U.S. Geological Survey

Trip #6; Trip Capacity: 24

Cost/person: \$65 (*includes handouts and transportation*)

Many of you may know that the Mojave Desert tortoise (*Gopherus agassiz*) is a threatened species...the desert southwest "spotted owl". What you might not know is that the desert tortoise is also the state reptile of Nevada and California. It has a rich cultural and natural history and its ecology is at times quite unusual. For example, the desert tortoise is one of a few species in which sperm storage in females has been documented. We will visit a population of telemetered tortoises in the Piute-Eldorado Desert Tortoise Wildlife Management Area, south of Las Vegas and you will be accompanied by several leading desert tortoise ecologist.

TUESDAY, MARCH 24

Arid Lands and Community Leadership: "Sustainability" Decisions in Las Vegas

Tuesday, March 24, 9:00 a.m. - 4:00 p.m.

Organizers/Leaders: Kathryn Zimmerman, Central Washington University

Trip #7; Trip Capacity: 24

Cost/person: \$110 (*includes transportation, admission fees and lunch*)

In 2007 the Las Vegas City Manager issued the "Sustain Las Vegas" Policy #CM302, launching this city into the forefront of environmental design. This fieldtrip will explore leadership decisions related to community sustainability within Las Vegas Valley. We will tour three award-winning Green Designs (Springs Preserve, The Molasky Corporate Center, Lied Animal Shelter) and meet with the Las Vegas City Planning Department Director and design firm representatives. Fieldtrip includes admission, tours, and Wolfgang Puck catered-lunch. Recommended: comfortable shoes, sunscreen, and drinking water. Email fieldtrip leader for preparatory materials: www.lasvegasnevada.gov/files/Green_Sheet.doc.

FIELD TRIPS

All field trips will depart from the Riviera Convention Center Lobby, across from the AAG Registration Desk.

TUESDAY, MARCH 24 (continued)

This is Vegas! Or Can I Get a Deep Fried Twinkie With That?

Tuesday, March 24, 8:00 a.m. - 6:30 p.m.

Organizer/Leader: Kevin Patrick, Indiana University of Pennsylvania Geography and Regional Planning Department
Trip #8; Trip Capacity: 47

Cost/person: \$97 (*includes transportation, admission fees and lunch*)

From its humble frontier origins to its billion-dollar mega-casinos; from its old time brothels in Block 16 to the western hemisphere's largest privately financed mixed-use development at CityCenter; from Downtown Fremont Street to The Strip; from the Eiffel Tower to Hoover Dam; from Bugsy Siegel to Howard Hughes to Elvis Presley; from the planet's largest gold nugget to deep fried Twinkies and atomic cocktails –this is Vegas! Join Kevin Patrick on a full-out Vegas excursion of cultural landscapes that made this improbable desert city all that it is today. We will explore the Mormon and railroad roots of “The Meadows,” creep through a neon sign graveyard, experience downtown Fremont Street, stuff ourselves at a casino buffet, ogle at Hoover Dam, ride to the top of the Eiffel Tower, walk a mile of The Strip, and glide back on the Las Vegas Monorail. This is Vegas!

Discover Death Valley National Park: its History and Geology

Tuesday, March 24, 8:00 a.m. - 6:00 p.m.

Organizers: Dr. Denyse Lemaire and Dr. Richard Scott, Rowan University
Trip #9; Trip Capacity: 42

Cost/person: \$61 (*includes transportation, admission fees, handouts and lunch*)

The fieldtrip will take you from Las Vegas through the Black Mountains of California into Death Valley National Park. We will observe the fossil shorelines of Pleistocene glacial Lake Manly, Badwater - the lowest point in North America - 282 feet below sea level, Devil's Golf Course at the bottom of the valley with its thick salt crust, faults, large alluvial fans, the superb Dantes View, Zabriskie Point, and the Visitor Center. Come learn about early prospectors, the Twenty-Mule Team Borax, and the Shoshone Indians occupation accompanied by geologist and geographer Denyse Lemaire and geographer Richard Scott.

WEDNESDAY, MARCH 25

Hoover Dam and Springs Preserve: Industrial and Potential Post-Industrial Dimensions of Sustainability in the Desert Southwest

Wednesday, March 25, 9:00 a.m. - 5:00 p.m.

Organizers/Leaders: William Smith Jr., University of Nevada, Las Vegas

Trip #10; Trip Capacity: 24

Cost/person: \$95 (*includes transportation and admission fees*)

There will be a guided tour 500' down to the power plant in the heart of the Hoover Dam, followed by time for watching a video, and exploring the visitor center and the top of the dam. We will then stop for lunch at a nearby buffet, before traveling to the Las Vegas Springs Preserve, which illustrates ways to do sustainable development in the region. There we will be lead on a 1.5 hour Sustainability tour of their Desert Living Center, after which some time will be allowed for exploration of the museum, garden and trails. Bring \$8 for lunch.

Oxymoron Vegas: Sustainable Casinos

Wednesday, March 25, 12:00 p.m. - 5:00 p.m.

Organizers: Chris Mayda, Eastern Michigan University; Rick Holmes, Southern Nevada Water Authority
Leaders: Chris Mayda and Douglas Rivet, Eastern Michigan University

Trip #11; Trip Capacity: 14

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

This tour will be in American hybrid SUVs courtesy of the Las Vegas Valley Water District. We begin at one of the best buffet lunches in Vegas at the Red Rock Hotel, and then a short tour of the hotel property, which is unique because it boasts a fountain on the property (a no-no in Las Vegas). We will find out why it is allowed. We will then drive to the Red Rock Conservation Area where we will stop at the visitor center. Then we will take the 13 mile loop tour with occasional stops for short walks and discussion of the geology, vegetation, and cultural history of the area. We will continue on to Treasure Island Casino on the strip where the Pirate Show is infamous for its use of water, but all hotel water is reclaimed. We will tour the sustainable aspects of this casino complex. Wear comfortable walking shoes and bring an appetite and \$11 for lunch.

FIELD TRIPS

All field trips will depart from the Riviera Convention Center Lobby, across from the AAG Registration Desk.

WEDNESDAY, MARCH 25 (continued)

A Grand Dam Tour: Hoover Dam and the Grand Canyon

Wednesday, March 25, 7:15 a.m. - Thursday, March 26, 10:00 p.m.

Organizers: Judith F. Salvo, U.S. Geological Survey

Leaders: Ted Melis, U.S. Geological Survey, Flagstaff Office;

Ivo Lucchitta, U.S. Geological Survey, Emeritus

Trip #20; Trip Capacity: 24

Cost/person: \$548 (includes transportation, admission fees, three meals and accommodations)

Join the USGS on a 2-day expedition to Hoover Dam and the Grand Canyon. Hoover Dam is the first stop. The magnificent structure is considered a National Historic Landmark and has been rated by the American Society of Civil Engineers as one of America's Seven Modern Civil Engineering Wonders. Then, it's on to the Grand Canyon and its fabled South Rim. We'll take a short float trip on the Colorado River and learn about the canyon's geologic conditions and current management issues. We'll visit Grand Canyon National Park for stops at scenic overlooks with a USGS interpretive geologist. Our group will spend the night in Cameron, Arizona, at historic Cameron Trading Post. Day two includes a stop at Glen Canyon Dam before embarking on a raft ride from just below the dam to Lees Ferry, a 15-mile trip. A USGS scientist will accompany the rafters to discuss ongoing efforts to restore the Colorado River corridor below Glen Canyon Dam and the history of human exploration of Grand Canyon. Following the raft trip the group will enjoy dinner in Kanab, Utah, before returning to Las Vegas. Conditions on the river in early spring can be cool and windy, so please dress accordingly. Layered clothing including waterproof layers, hooded windbreaker, and shoes that can get wet and sandy will help to make this adventure the best!

THURSDAY, MARCH 26

Wine Tasting, Gourmet Lunch, and Visit of the Pahrump Winery

Thursday, March 26, 11:00 a.m. - 5:00 p.m.

Organizers/Leaders: Denyse Lemaire, Rowan University; Percy Dougherty, Kutztown University

Trip #13; Trip Capacity: 55

Cost/person: \$60 (includes lunch, winery fee and bus transportation)

This field trip will take us through the Spring Mountains, west of Las Vegas, to Pahrump, a small town in the Mojave Desert that is famous for having the first and only winery in Nevada. At the Pahrump Winery, which has won over 40 national wine awards since 2006, we will tour the production facilities and be treated to a wine tasting, followed by a gourmet lunch with wine, coffee, and dessert. On our return trip we will stop at Lee's Wine Cellar, the largest wine super-store in Las Vegas, where we will enjoy another wine tasting and a wonderful shopping opportunity.

Planning Las Vegas: A Profile of Urban Planning Activities in the City of Las Vegas *(Courtesy of the Regional Development and Planning Specialty Group)*

Thursday, March 26, 1:00 p.m. - 4:00 p.m.

Organizers: George M. Pomeroy, Shippensburg University; M. Margo Wheeler, City of Las Vegas

Leaders: M. Margo Wheeler, City of Las Vegas; Christian Tettey, Trent University

Trip #14; Trip Capacity: 46

Cost/person: \$35 (includes transportation)

Our traditional downtown walking tour "hits the road" this year! Via bus, the field trip will visit a number of sites of planning significance within the City of Las Vegas. Notable stops / features include Glitter Gulch, the historic Mormon Fort, and several redevelopment areas including the new baseball stadium site. Also included are several different neighborhood types (historic, distressed, and affluent). Altogether the field trip promises an intriguing perspective of what one sees behind the Strip – what locals call the "back lot" of Las Vegas, as well as selected bits of the Strip area itself. This tour, traditionally a downtown walking tour, is a signature event of the Regional Development and Planning Specialty Group. The specialty group has organized a local planning related field in each AAG annual meeting host for over the twenty years. This year's tour is fortunate in being ably hosted and co-lead by Margo Wheeler, Director of Planning and Development Services for the City of Las Vegas. Ms. Wheeler's local insight and expertise provides participants with the best possible view into planning, Las Vegas-style.

FIELD TRIPS

All field trips will depart from the Riviera Convention Center Lobby, across from the AAG Registration Desk.

THURSDAY, MARCH 26 (continued)

Las Vegas: A Sustainable Culture in a Desert

Environment

Thursday, March 26, 1:00 p.m. - 5:00 p.m.

Organizers/Leaders: Chris Mayda and Don Lafreniere, Eastern Michigan University

Trip #15; Trip Capacity: 14

Cost/person: \$45 (*includes transportation and admission fees*)

This tour will be in American hybrid SUVs courtesy of the Las Vegas Valley Water District. The field trip will begin with a tour of the Molasky Corporate Center, a LEED-certified platinum building featuring a number of sustainable features. This will be followed by a tour of Springs Preserve, an example and resource of sustainable living on the site of the original Las Vegas Springs. We will be given a full tour of the complex including the solar panels, botanical gardens, Historical Museum of Human and Wildlife Inhabitants and the sustainable galleries, which include information on the LEED rated buildings, water in Las Vegas, and the effort made keeping this desert city sustainable. We will have extra time to further explore our favorite areas in the complex. In our travels to the sites we will pass and discuss water smart landscapes. Wear comfortable shoes.

West to East Along the South Rim of the Grand Canyon

Thursday, March 26, 8:00 a.m. - Sunday, March 29, 5:00 p.m.

Organizers/Leaders: Richard Earl, Department of Geography, Texas State University

Trip #17; Trip Capacity: 22

Cost/person: \$489 (*includes transportation, admission fees, accommodations and one meal*)

The trip provides a unique view of the South Rim of the Grand Canyon. After a Hoover Dam stop we cross the Joshua Tree Forest to Pearce Ferry at the head of Lake Mead and the western entrance to the Grand Canyon. After crossing the Grand Wash Cliffs we proceed to Hualapai Nation Grand Canyon West (Quartermaster Point) for the Grand Canyon Skywalk. Our first night at Hualapai Lodge in Peach Springs includes a traditional dinner. After lunch in historic Flagstaff we proceed to Grand Canyon National Park via the Painted Desert and Little Colorado River for two nights and a day to tour the rim or hike the Canyon. Elevation change will be over 5000 ft. Weather is variable. Be prepared for a range of conditions from the mid 80s in Las Vegas to possible snow or rain at the Grand Canyon. Bring money for meals.



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Mark B. Salter, editor

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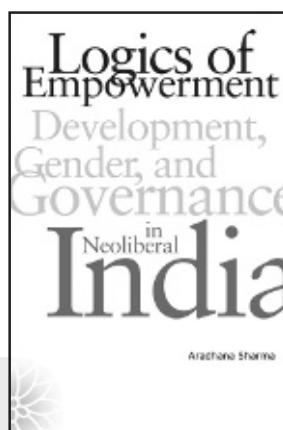
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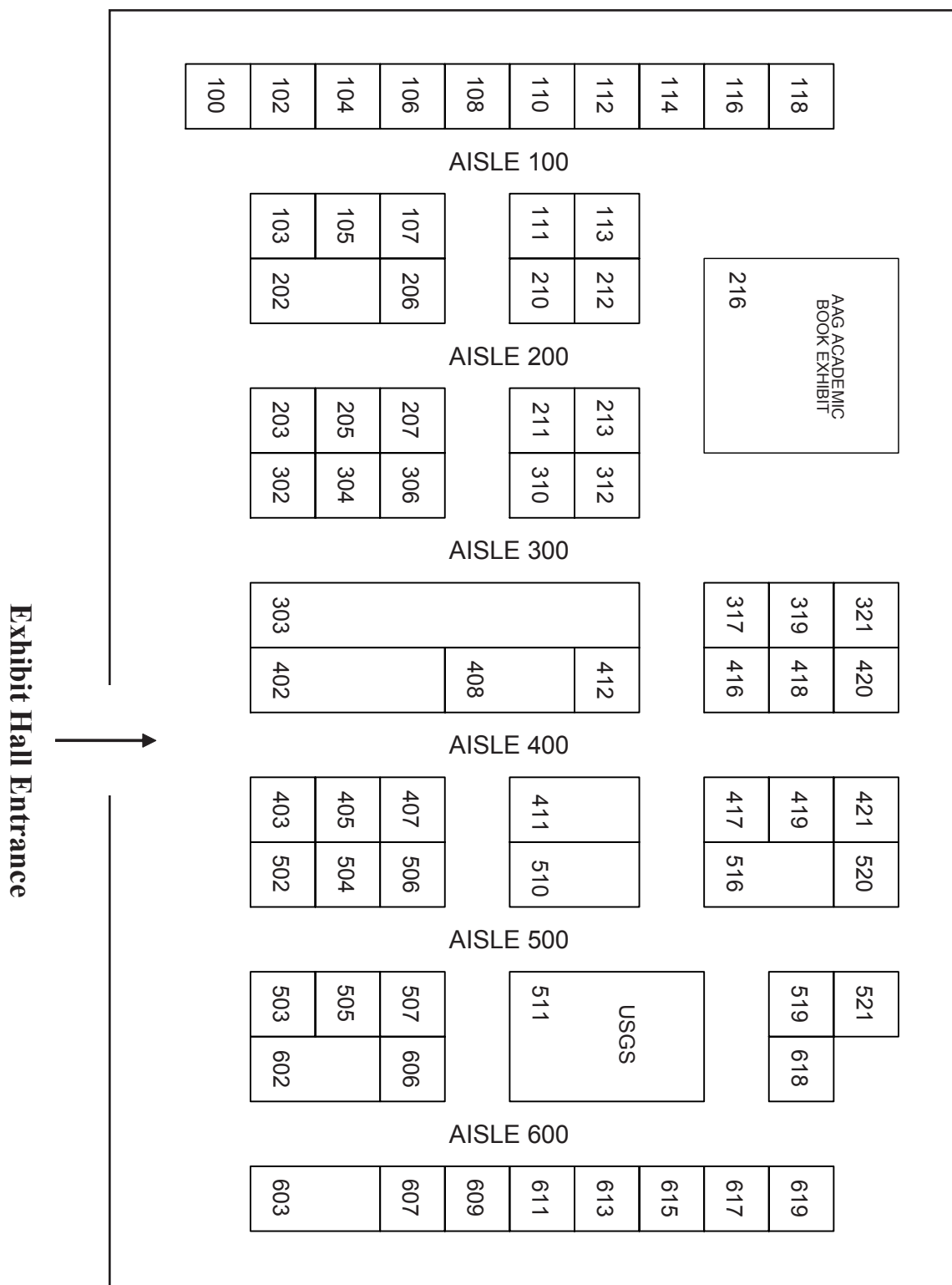
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EXHIBIT HALL FLOOR PLAN

Visit the 2009 AAG Annual Meeting Exhibitors in the Grande Ballroom, Riviera Hotel, 1st Floor.

The Grande Ballroom is located just down the hall from the AAG Registration Desk.

Exhibit Hall hours are listed on page 8 of this program.



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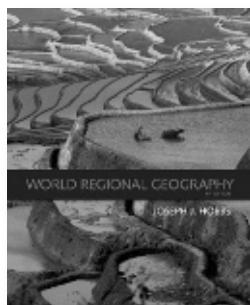
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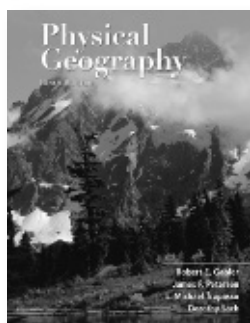
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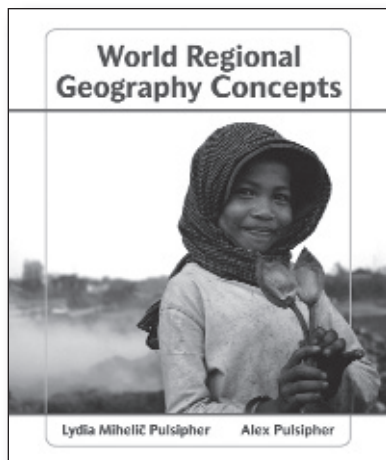
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2. Consult the program addenda for CANCELLATIONS in your session. Paper withdrawals are noted in the daily bulletin. Plan how you will use any free time for the benefit of the session.
3. Hold each individual to the TIME ALLOTTED. You will be given four signal sheets by the Conference Assistant monitoring your room to alert each speaker to the time remaining (10 minutes, 5 minutes, 2 minutes, 1 minute and STOP). If a speaker continues after time has expired, rise, ask those present to join you in thanking the speaker, and announce the next presentation. Be polite but implacable. The audience and other speakers will respect and support strong direction on your part.
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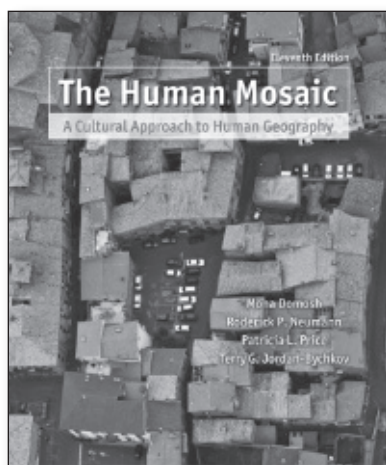
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1st digit = day (see below)

2nd digit = time period (see below)

Last two digits = room code (see next page)

Key to days (**1st digit**) is as follows:

Sunday = 1

Monday = 2

Tuesday = 3

Wednesday = 4

Thursday = 5

Friday = 6

Below are the keys to time slots (**2nd digit**):

Sunday, March 22

<i>Session #</i>	<i>Time</i>
11xx	1:00 p.m. - 2:40 p.m.
12xx	3:10 p.m. - 4:50 p.m.
14xx	6:00 p.m. - 7:30 p.m.
	<i>(Presidential Plenary)</i>

Monday, March 23

<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	5:15 p.m. - 6:15 p.m.
	<i>(Past Presidents Address)</i>
27xx	7:00 p.m. - 8:00 p.m.

Tuesday, March 24

<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.
37xx	7:00 p.m. - 8:00 p.m.
38xx	8:00 p.m. - 9:00 p.m.

Wednesday, March 25

<i>Session #</i>	<i>Time</i>
40xx	7:00 a.m. - 8:00 a.m.
41xx	8:00 a.m. - 9:40 a.m.
42xx	10:10 a.m. - 11:50 a.m.
43xx	11:55 a.m. - 12:55 p.m.
44xx	1:00 p.m. - 2:40 p.m.
45xx	3:10 p.m. - 4:50 p.m.
46xx	5:20 p.m. - 7:00 p.m.
47xx	7:00 p.m. - 8:00 p.m.
48xx	8:00 p.m. - 9:00 p.m.

Thursday, March 26

<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	11:55 a.m. - 12:55 p.m.
54xx	1:00 p.m. - 2:40 p.m.
55xx	3:10 p.m. - 4:50 p.m.
56xx	5:20 p.m. - 7:00 p.m.
57xx	7:00 p.m. - 8:00 p.m.
58xx	8:00 p.m. - 9:00 p.m.

Friday, March 27

<i>Session #</i>	<i>Time</i>
61xx	8:00 a.m. - 9:40 a.m.
62xx	10:10 a.m. - 11:50 p.m.
63xx	12:00 p.m. - 2:15 p.m.
	<i>(AAG Annual Awards Luncheon)</i>
64xx	2:30 p.m. - 3:30 p.m.
	<i>(AAG Business Meeting)</i>

Therefore, session 1101 would be held on Sunday (**11**) from 1:00 pm – 2:40 pm (**1101**) in Grande Ballroom C (**1101**).

xx (**last two digits**) = Room code (See next page for list of room code numbers)

KEY TO ROOMS

Room Code (last two digits of session number):

Riviera Hotel, 1st Floor

- 01 Grande Ballroom C
- 02 Grande Ballroom D
- 03 Grande Ballroom EF
- 04 Grande Ballroom G
- 05 Grande Ballroom H
- 06 Royale Pavilion 1
- 07 Royale Pavilion 2
- 08 Royale Pavilion 3
- 09 Royale Pavilion 4
- 10 Royale Pavilion 5
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- 12 Royale Pavilion 7
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- 36 Skybox 208
- 37 Skybox 209
- 38 Skybox 210
- 39 Skybox 211
- 40 Skybox 212

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- 41 Top of the Riv Ballroom North
- 42 Top of the Riv Ballroom South

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- 43 North Hall N101
- 44 North Hall N102
- 45 North Hall N103
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- 56 North Hall N117
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Presenting author(s) are indicated with an asterisk ().*

SUNDAY, MARCH 22 • 1:00 PM - 2:40 PM • 1100**1101. Questions of Organic Production, Local Foods, and Sustainability**

- Room:** Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Lisa M. Butler Harrington, Kansas State University
1:00 Lindsay Fernandez-Salvador*, University of Florida, *The Persistence of Florida's Small Organic Farms in the Face of Growing Demand for Organic Products.*
1:20 Sabrina Morin*, University of Guelph, *Selling 'Local' Together: Exploring Farm Responses to the Elmira Produce Auction Co-operative.*
1:40 Jennifer L. DeHart, PhD.*, Allegheny College, *Eating Locally: Progress, Prospects and Problems in Western Pennsylvania.*
2:00 Lisa M. Butler Harrington*, Kansas State University, *Local Conceptions of Sustainability in the Rural Pacific Northwest.*

1102. The Geography of International Institutions and Organizations (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group, History of Geography Specialty Group)

- Room:** Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul
 CHAIR(S): Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul
 Introducer: Joel Outtes
1:20 Paul Farmer, FAICP, American Planning Association; Vincent Goodstadt, MRTPI, Royal Town Planning Institute; Robert Upton*, Royal Town Planning Institute, *Global Planners Network: a Global Response to Global Challenges.*
1:40 Ronald F. Abler*, International Geographical Union, *Future Directions for the International Geographical Union.*
2:00 Joel Outtes*, UFRGS-Univ Fed Rio Gde Do Sul, *The Network of the Urban Networks: The Geography of the Urban International (1851-Now).*
 Discussant(s): Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul

1104. Strategies for U.S. Water Resources Management in the 21st Century (Sponsored by Water Resources Specialty Group)

- Room:** Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Laura Stroup, Texas State University
 CHAIR(S): Laura Stroup, Texas State University
1:00 Patricia J. Beyer, PhD.*, Bloomsburg University of Pennsylvania, *Management of Two Highly Regulated Dryland Rivers: Comparing the Colorado River, U. S. A. and the Murray River, Australia.*
1:20 Kevin Romig*, Texas State University; Laura Jean Stroup*, Texas State University, *Central Texas Water Utilities: Strategies for Resilient Water Management in the 21st Century.*
1:40 Jennifer L. Rice*, University of Arizona; Connie Woodhouse, University of Arizona, *Climate Science and Decision-Making: The Case of Water Managers and Tree-Ring Data in the Western United States.*
2:00 Erin McAuley*, Texas State University- San Marcos, *A Comparative Study of Mercury Hazards in Lake Environments.*

1105. Building and Becoming Green: Economic Geographies of the Environment I (Sponsored by Economic Geography Specialty Group, Energy and Environment Specialty Group)

- Room:** Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Julie Cidell, University of Illinois
 CHAIR(S): Julie Cidell, University of Illinois
1:00 Federico Caprotti*, University College London, *Talking 'bout a revolution: environmental discourse and the rise of the cleantech sector, 2003-2009.*
1:20 Sophie Hadfield-Hill*, University of Leicester, *The 'Greening' of financial institutions.*
1:40 James T. Hathaway*, Slippery Rock University, *Sustainabilities and Unsustainabilities: The US Environmental Services Sector and Green Business.*
2:00 Sean Tierney*, University of Denver, *US Green Energy Agglomerations.*
2:20 Lifang Chiang*, University of California, Berkeley, *Hidden Innovation Factors in the Transition to a Green Manufacturing Region.*

1106. Applications of Remote Sensing to Conservation

- Room:** Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Sun Hui Sim, Florida State University
1:00 Alexis L. Aguilar, PhD*, Salisbury University; Joan Maloof, PhD, Salisbury University; Judith Stribling, PhD, Salisbury University, *Detection and Mapping of Late Successional Forests in Nassawango Creek Preserve, Maryland.*
1:20 Catherine J. Tulley, MA Candidate*, Ohio University, *Mapping Barn Owl (Tyto alba) Habitat in Pennsylvania: Assessing Habitat Suitability Using Object-Based Image Analysis.*
1:40 Qing Ying*, *Moving Object Tracking with Stereo-Videography Supported by Wireless Sensor Networks.*
2:00 Sun Hui Sim*, Florida State University, *Integration of remote sensing, GIS and social science for biodiversity conservation.*

1107. Organizing Urban Space

- Room:** Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Lawrence A. McGlinn, SUNY - New Paltz
1:00 Jason Brody*, Kansas State University, *Clarence Perry's Neighborhood Unit Concept: Organizing the Production of Space in Twentieth Century America.*
1:20 Jonathan T. Rossiter*, San Diego State University, *New Urbanism's Efficacy in Reducing Automobile Dependence in Residents.*
1:40 Diana Mok*, The University of Western Ontario, Dept. of Geography, *The Impact of Urban Growth on Home Maintenance Decisions.*
2:00 Lawrence A. McGlinn*, SUNY - New Paltz, *Patterns of Metropolitan Development in the United States: A Baseline.*

1108. Tourism Landscapes (Sponsored by Recreation, Tourism, and Sport Specialty Group)

- Room:** Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Sanjay K. Nepal, Texas A&M University
 CHAIR(S): Theano S. Terkenli, University of the Aegean
1:00 Velvet Nelson*, Sam Houston State University, *Caribbean Nature Tourism and Landscape Preferences.*
1:20 J. J. Zhang*, National University of Singapore, *of Kaoliang, bullets and knives: Local entrepreneurs and the battlefield tourism enterprise in Kinmen (Quemoy), Taiwan.*

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1:40 Richard L. Wolfel*, US Military Academy, *Uzbekistan on the Threshold of Which Century? Tourism and Nationalism in Uzbekistan.*

2:00 Aikaterini Gkoltsiou, University of the Aegean; Theano S. Terkenli*, University of the Aegean, *Putting to Test Tourism Geography Models Through Tourist Landscape Structure Analysis: A Landscape Indicator-Based Approach.*

2:20 Jerry D. Gerlach*, Winona State University, *The Bayfield Area: Wisconsin Remote Riviera.*

1109. 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: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Diansheng Guo, University of South Carolina; Jeremy Mennis, Temple University Department of Geography and Urban Studies

CHAIR(S): Jeremy Mennis, Temple University Department of Geography and Urban Studies

1:00 André Skupin*, San Diego State University, *A Tri-Space Approach to Systematic Visual Data Exploration.*

1:20 Tetsuo Kobayashi*, University of Utah; Harvey J Miller, University of Utah, *An Interactive Visualization Tool for Mobile Objects.*

1:40 Johnathan Rush*, The Ohio State University; Mei-Po Kwan, PhD, The Ohio State University, *Visualizing a Large Population in the Space Time Aquarium.*

2:00 Michal Isaacson*, The Hebrew University of Jerusalem, *A Conceptual Framework for Analyzing Large Amounts of High Resolution Data Describing Human Activity in Time and Space.*

2:20 Diansheng Guo*, University of South Carolina, *A Visual Analytical Approach to the Analysis of Large Spatial Interaction Networks.*

1110. Geographies at the Margins: Interrogating Borders in South Asia

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Romola Sanyal, Rice University; Jason Cons, Cornell University

CHAIR(S): Romola Sanyal, Rice University

1:00 Pietro Calogero*, Doctoral candidate, UC Berkeley, *Citizenship and urban space in the extreme edge: ethnicized clientelism in Kabul.*

1:20 Romola Sanyal*, Rice University, *Hindu Space: Urban Dislocations in Post-Partition Calcutta.*

1:40 Jason Cons*, Cornell University, *A Politics of Sensitivity: Ambiguity and Exceptionality along the India-Bangladesh Border.*

2:00 Reece Jones*, University of Hawaii at Manoa, *Agents of Exception: Border Security and the Marginalization of Muslims in India.*

Discussant(s): Nikhil Rao, Wellesley College

1111. Geography of the Digital

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): Robert Ramsay, University of Toronto

1:00 John Östh*, Uppsala University; Thomas Niedomysl, Institute for futures studies, *Exploring human interaction in Cyberspace, the geographies of YouTube.*

1:20 C. Alex De Freitas, PhD Student*, The University of Auckland, *At the intersection of digital and physical public space: free Wi-Fi and the changing geographies of the city and its 'public'.*

1:40 Matthew James Kelley, PhD*, University of Washington, Tacoma, *Place-Based Narratives and Participatory Digital Story Telling.*

2:00 Robert Ramsay*, University of Toronto, *Wireless/Boundless: The Urban Imaginary of Wireless Industry Practitioners.*

1112. Regional Studies annual lecture by prof. Maryann Feldman on the Geography of Emerging Industries (Sponsored by Regional Studies Association)

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Panel Session)

ORGANIZER(S): Ron Boschma, Utrecht University

CHAIR(S): Ron Boschma, Utrecht University

Introducer: Maryann Feldman

Discussant(s): Edward Malecki, Ohio State University

Panelists: Ron Boschma, Utrecht University

1113. New Approaches to the Characterization of Climatic Phenomena

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Julie Winkler, Michigan State University

1:00 Anna M Szyniszewska*, University of Florida, *Determining the Daily Rainfall Characteristics from the Monthly Rainfall Totals for Central and NE Thailand.*

1:20 Beth Hall*, Towson University, *A methodology for converting historical point observation data to gridded spatial coverage through the integration of a secondary, modeled dataset.*

1:40 Erin Leigh Bunting*, University of Florida, Department of Geography; Corene J. Matyas, University of Florida, Department of Geography, *The Composition of Radar Reflectivity Outside the Radius of Gale-Force Winds in U.S. Landfalling Tropical Cyclones.*

2:00 Colleen M. Garrity*, SUNY-Geneseo, *Identifying the Vertical Extent of Drought.*

2:20 Julie A. Winkler*, Michigan State University; Suzanne Thornsby, Michigan State University; Marco Artavia, Humboldt-University; Frank-M. Chmielewski, Humboldt-University; Dieter Kirschke, Humboldt-University; Sangjun Lee, Michigan State University; Malgorzata Liszewska, Polish Institute of Meteorology and Water Management; Scott Loveridge, Michigan State University; Pang-Ning Tan, Michigan State University; Sharon Zhong, Michigan State University; Jeffrey Andresen, Michigan State University; J. Roy Black, Michigan State University; Robert Kurlus, August Cieszkowski Agricultural University; Denys Nizalov, Kyiv School of Economics; Nicole Olynk, Michigan State University; Zbigniew Ustrnul, Jagiellonian University; Costanza Zavalloni, University of Antwerp; Jeanne Bisanz, Michigan State University; Geza Bujdosó, Research Institute for Fruit Growing and Ornamentals-Budapest; Lesley Fusina, Michigan State University; Yvonne Henniges, Humboldt-University; Peter Hilsendegen, DLR Rheinland; Katarzyna Lar, August Cieszkowski Agricultural University; Lukasz Malarzewski, University of Silesia; Thordis Moeller, Humboldt-University; Roman Murmylo, Kyiv School of Economics; Tadeusz Niedzwiedz, University of Silesia; Olena Nizalova, Kyiv School of Economics; Haryono Prawiranata, Michigan State University; Nikki Rothwell, Northwest Horticultural Research Station; Jenni van Ravensway, Michigan State University; Harald von Witzke, Humboldt-University; Mollie Woods, Michigan State University, *A Conceptual Framework for Climate Change Assessments of International Market Systems.*

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- Room:** Capri 102, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Murray Rice, University of North Texas
 CHAIR(S): Murray Rice, University of North Texas
1:00 David L. Rigby*, UCLA; Jurgen Essletzbichler, Temple University, *Generalized Darwinism and Evolutionary Economic Geography*.
1:20 Mathijs De Vaan*, Utrecht University, *Spin Off Dynamics and Geographic Clustering in the Video Game Industry*.
1:40 William Graves*, UNC-Charlotte; Jonathan Kozar, UNC Charlotte, *From Virtual to Reality: The Cultural Creation of Inter-Industry Linkages in North Carolina*.
2:00 Sean B. O'Hagan*, Nipissing University; Murray D. Rice, University of North Texas, *The Geography of Corporate Directors and their Educational Affiliations: A Temporal Comparison of Canadian and American Business Leaders*.

1116. GIS in Social Issues

- Room:** Capri 103, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Tessa Anderson, University of Canterbury
1:00 Christine Hardwick*, University of Texas San Antonio, *Drunken Bexar: A GIS Analysis of Drunk Driving Arrests and Drinking Establishments in the Greater San Antonio Area*.
1:20 Azmi A Baharom, Mr*, Student; Nasir B Nayan, Mr, UPSI; Mohd Hairy Ibrahim, Mr, UPSI, *GIS Application in Education: A Model for School Management in Tanjong Malim, Perak, Malaysia*.
1:40 Maurizio Gibin*, University College London, Birkbeck College London; Daniel Lewis, University College London, *Modeling and visualizing general practices registered population profiles in London, UK*.
2:00 Tessa Anderson*, University of Queensland, *The geography of family violence*.

1117. Cultural Landscapes

- Room:** Capri 104, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Cameran Ashraf
1:00 Hayden Roberts*, University of Oklahoma, *This Ain't Rodgers and Hammerstein: Fairs and Media in Culture Today*.
1:20 Ke Zhou*, *The Ups and Downs of a Village Cultural Landscape the Case of Kongbai Miao Ethnic Region, Guizhou, China*.
1:40 Henry Way*, James Madison University, *Politics, Place, and Landscape: Visions of America through the Eyes of its Political Representatives*.
2:00 Cameran Hooshang Ashraf*, California State University Fullerton, *The Night Sky As Cultural Landscape*.

1118. Geography of Mars (Sponsored by Political Geography Specialty Group, Remote Sensing Specialty Group)

- Room:** Capri 105, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Christine M. Rodrigue, California State University - Long Beach
 Introducer: Christine M. Rodrigue
 Panelists: Christine M. Rodrigue, California State University - Long Beach; Maria Lane, University of New Mexico; Jason Dittmer, University College London; Mark Bishop, Planetary Science Institute; Stephen Tooth, Aberystwyth University

1119. Africa's Spaces of Exclusion Session 1 (Sponsored by Africa Specialty Group)

- Room:** Capri 106, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Sarah Smiley, Morgan State University; Francis Koti, University of North Alabama
 CHAIR(S): Francis Koti, University of North Alabama
1:00 Sarah Smiley*, Morgan State University, *Exclusionary Space in Dar es Salaam: Fear and Difference in Expatriate Communities*.
1:20 Angela Gray*, University of Wisconsin Oshkosh, *Protracted refugee spaces: From exclusion to inclusion in western Zambia*.
1:40 Padraig R Carmody, PhD.*, Trinity College Dublin, *Inclusive or Exclusive Globalization? The Impacts of Asian Owned-Businesses in Zambia*.
2:00 Belinda Dodson*, University of Western Ontario, *Experiencing Everyday Xenophobia: The Stories of African Migrants in Cape Town, South Africa*.
2:20 J. Henry Owusu*, University of Northern Iowa, *Developments in Ghana's International Timber Trade and the Marginalization of the Forest Communities*.

1120. Negotiating Belonging: Integration, Separation, and Othering in Contemporary Europe (Sponsored by European Specialty Group, Political Geography Specialty Group, Ethnic Geography Specialty Group)

- Room:** Capri 107, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Micheline Van Riemsdijk, University of Tennessee; David Jansson, Uppsala Universitet
 CHAIR(S): Micheline Van Riemsdijk, University of Tennessee
1:00 David Jansson*, Uppsala Universitet, *The Future of Åland? Language, Culture and Secession in Swedish Finland*.
1:20 Merje Kuus*, University of British Columbia, *How to Bound Open Spaces: European Commission and the 'Constructive Ambiguity' of Europe*.
1:40 Michelle Brym*, The University of Tennessee, *Placing the Polish-German Border within Europe*.
2:00 Thomas Sullivan*, Louisiana State University, *Romancing the Blarney Stone: constructing ethnicity among Irish language enthusiasts*.

1122. Directions in Caribbean Geographical Research

- Room:** Capri 109, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): David Barker, University of the West Indies; Clinton Beckford, University of Windsor
 CHAIR(S): David Barker, University of the West Indies
1:00 Clinton Lloyd Beckford, Dr*, University of Windsor, *Rebuilding local food economies: Globalisation and food security in Jamaica*.
1:20 Dennis Conway*, Indiana University, *Diasporas, transnationalism, circulation, remittances and return migration are central features of contemporary Caribbean societal changes and development futures*.
1:40 David John Miller*, Department of Geography & Geology, University of the West Indies, *Beach morphology and sediment dynamics on a carbonate beach: Manatee Bay, St. Catherine, Jamaica*.
2:00 Benjamin F. Timms*, Cal Poly; Stern Neill, Cal Poly, *Cracks in the Pavement: Conventional Constraints and Contemporary Solutions for Linking Agriculture and Tourism in the Caribbean*.
2:20 David Barker*, University of the West Indies; Donovan Campbell, University of the West Indies, *Hazards and agriculture: a comparison of Jamaican farmers' vulnerability and adaptation to hurricanes and drought*.

SUNDAY, MARCH 22 • 1:00 PM - 2:40 PM • 1100**1124. Theorizing the Spatialities of Contentious Politics I (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)***Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)*

ORGANIZER(S): Walter J. Nicholls, Sociology, CSU Long Beach; Byron A. Miller, University of Calgary

CHAIR(S): Walter J. Nicholls, Sociology, CSU Long Beach

1:00 Byron A. Miller*, University of Calgary, *Spatialities of Social Movements*.**1:20** Juan Miguel Kanai, PhD*, University of Miami, *The spatialities of middle-class political mobilization in unequal cities*.**1:40** David Christoffer Lier*, Norwegian Institute for Urban and Regional Research, *The geographies of community-oriented unionism*.**2:00** Michael Woods*, Aberystwyth University, *Rhizomic Politics, Arborescent Advocacy and Spatial Strategy: A Deleuzian reading of rural protest*.**1125. Innovative Approaches to the Study of Land Use/Livelihood Systems I (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)***Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)*

ORGANIZER(S): Brent McCusker, West Virginia University; Ed Carr, University of South Carolina

CHAIR(S): Ed Carr, University of South Carolina

1:00 Leif Brottem*, University of Wisconsin- Madison, *Farmer-herder conflict, environmental change, and institutional response in Mali*.**1:20** Angela Cacciarru*, University of North Carolina at Chapel Hill, *Land Use Patterns And Access To Resources: The Usi Civici In Ogliastra (Sardinia)*.**1:40** Oliver T. Coomes*, McGill University; Yoshito Takasaki, PhD., University of Tsukuba; Christian Abizaid, PhD., McGill University; Stephanie Brisson, M.A., *Land Accumulation and Cooperative Labor among Amazonian Peasant Households: Is there a link?*.**2:00** Heidi Hausermann*, University of Arizona, *Tracking market shocks and the spatial fix in central Veracruz*.**2:20** Brent McCusker*, West Virginia University; Edward R Carr, University of South Carolina, *The Co-Production of Land Use and Livelihoods: Emerging Evidence from southern Malawi*.**1127. Philosophy for GIScience (Sponsored by Geographic Information Science and Systems Specialty Group)***Room: Capri 115, Riviera Hotel, 1st Floor (Panel Session)*ORGANIZER(S): Nicholas Tate, University of Leicester
Introducer: Nicholas Tate

Panelists: Renee Sieber, McGill University; David M. Mark, University at Buffalo; Matthew W. Wilson, University of Washington; Agnieszka Leszczynski, University of Washington; Barbara Poore, United States Geological Survey; Francis Harvey, University of Minnesota - Minneapolis; Helen Couclelis, University of California

1128. Biogeography - Invasive Species*Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Amy L McCleary, University of North Carolina at Chapel Hill

1:00 Tomas Vaclavik*, University of North Carolina at Charlotte; Ross Meentemeyer, University of North Carolina at Charlotte, *Spatial prediction of biological invasions: Effect of using presence/absence vs. presence-only data on model performance*.**1:20** Mark A. Blumler*, SUNY-Binghamton, *Prospects for Future Invasions of the Mojave Desert*.**1:40** Lauren Ashley Tucker*, Towson University, *Assessing Local, Regional, and Global Scales of Invasive Species*.**2:00** Heather Marie Evans*, University of Montana, *Implications of Ageratina adenophora, a Trans-Global Invader*.**2:20** Amy L McCleary*, University of North Carolina at Chapel Hill; Laura Brewington, University of North Carolina at Chapel Hill, *Invasive Species in the Galápagos Islands: Moving Beyond Biophysical Explanations*.**1129. Post-Conflict Geography I: Post-conflict Property and Transnational Development***Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Michael Dwyer, University of California, Berkeley; Dan Fahey, UC Berkeley

CHAIR(S): Ian G. Baird, Geography Department, The University of British Columbia

1:00 Joseph H. Bryan*, University of Colorado, Boulder, *Development in reverse? Proxy war, security, and resettlement in eastern Nicaragua*.**1:20** Megan Ybarra*, U.C. Berkeley, *From Labor to Land: Land Acquisitions for Agrofuels Plantations in Post-War Guatemala*.**1:40** Zao Noam*, University of California, Berkeley, *Post-Conflict Violent Development for Peace: Military State-Private Partnerships, Land Conflict and Local Resistances in Northern Burma*.**2:00** Michael B. Dwyer*, University of California, Berkeley, *Negotiating 'post'-conflict development: The dilemma of property formalization in rural Laos*.**2:20** Dan Fahey, MALD, PhD candidate*, UC Berkeley; Dan Fahey, MALD, PhD candidate, UC Berkeley, *Contested Land, Gold and Development in 'Post-Conflict' Democratic Republic of the Congo*.**1130. Love, death and pain of the non-human: explorations in the ecological humanities (Sponsored by Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group)***Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)*ORGANIZER(S): Deborah Rose, Australian National University
CHAIR(S): Lesley M. Head, University of Wollongong**1:00** Deborah Rose*, Australian National University, *The Pain of Others in the Anthropocene*.**1:20** Thom van Dooren, Postdoctoral Fellow*, Macquarie University, Australia, *Pain of extinction: The death of a vulture*.**1:40** Matthew Hall*, The Australian National University, *Human-Plant Encounters*.**2:00** Stuart Cooke*, Australian National University, *Building Resilience with an Eco-Poetic*.

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Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Laurence W. Carstensen, Virginia Tech University

1:00 John Taylor, M.A.*, University of Texas at Austin, *Fearful Symmetry Without Dimension: Geography in Virtual Worlds.***1:20** Arthur Lembo*, Salisbury University; Kevin Ross, Penn State University; Benjamin Sigrist, University of South Carolina, *From Gaming to GIS: Evaluating Parallel Processing Using NVIDIA CUDA Technology.***1:40** Lisa L. Arnold, Graduate Student*, University of New Mexico; Paul Zandbergen, Associate Professor, University of New Mexico, *Does WAAS really improve the positional accuracy of GPS?***2:00** Jeremy Ward Aber*, Kansas State University, *Representations of Space in Videogames.***2:20** Aaron J Dalton, Virginia Tech; Laurence W. Carstensen*, Virginia Tech University, *Autonomous Vehicle Path Planning with Remote Sensing Data.***1132. Eclectic Economics**

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James R. Keese, California Poly State University

1:00 Matias Ruiz Lorbacher*, Freie Universität Berlin (Germany), *Markets and Geographies in the Making: Performing Real Estate Investment Markets.***1:20** Elaine Silveira Leite, Elaine Leite*, UFScar, *Personal Finance and Investors in Brazil.***1:40** James R. Keese*, Cal Poly State University, San Luis Obispo, *NGOs and Volunteer Tourism: Best Practice Defined.***1133. Paleoclimatology**

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Fuyuan Liang, Western Illinois University

1:00 Rob C.F. Au*, Centre for Forest Interdisciplinary Research (C-FIR), University of Winnipeg, Winnipeg, Canada; Jacques C. Tardif, Centre for Forest Interdisciplinary Research (C-FIR), University of Winnipeg, Winnipeg, Canada, *d13C and Ring-Width Chronologies from Thuja occidentalis L. Trees Growing at the Northwestern Limit of their Distribution.***1:20** Matthew Graham Clark*, University of Guelph; Peter Kelly, University of Guelph; Douglas Larson, University of Guelph; Ze'ev Gedalof, Associate Professor, University of Guelph, *A 2570 year dendrochronological record spanning south western Ontario.***1:40** Jason S. Polk, B.S.*, University of South Florida; Philip van Beynen, PhD., University of South Florida; Yemane Asmerom, PhD., University of New Mexico, *A High-resolution Record of Atmospheric Teleconnections Since 1,500 ka from a Florida Speleothem.***2:00** Fuyuan Liang*, Western Illinois University; George A. Brook, University of Georgia, *Stalagmite Evidence From Panigarh Cave of A Wetter Little Ice Age In The Himalayan Foothills of India.***1134. Economic Geography in Europe 2**

Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Felkner, University of Chicago

1:00 Ludvik Kopacka*, *Twenty Years of Transformation of Industry and Energy Industry in the Czech Republic (1989-2009).***1:20** Pavlina Netrdova*, Charles University in Prague; Jiri Blazek, Charles University in Prague, *Spatial autocorrelation as a method of identifying development axes. The case of the Czech Republic.***1:40** Montserrat Pallares-Barbera*, Universitat Autònoma de Barcelona; Antònia Casellas, Universitat Autònoma de Barcelona, *Public Sector Intervention in Embodying New Economy in Inner Urban Areas: The Barcelona Experience.***2:00** Sandy Dall'erba*, University of Arizona, *Ten Years of Eu Regional Policy Evaluation: What Have We Learnt?.***2:20** John S Felkner*, University of Chicago, *Innovative Spatial/Statistical Methods for Economic Evaluation of Infrastructure Projects in Developing Countries.***1135. Analyses of High-Impact Weather I (Sponsored by Climate Specialty Group)**

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Kenneth Blumenfeld, University of Minnesota

CHAIR(S): Kenneth Blumenfeld, University of Minnesota

1:00 Ahira Sanchez-Lugo*, NOAA/NCDC, *NCDC's Climate Monitoring Branch Global Hazards and Climate Extremes Page.***1:20** Donna A. Hartz, MA*, Arizona State University; Anthony J Brazel, PhD, Arizona State University; Jay Golden, PhD, Arizona State University; Wen-Ching Chuang, Arizona State University; Chona Sister, PhD, Arizona State University, *A Comparison of Extreme Climate Linkages To Heat Related Emergency (911) Calls In Phoenix, Arizona And Chicago, Illinois.***1:40** Richard W. Dixon*, Texas State University, *Climate Controls Upon Dust Storm Occurrence in Iraq.***2:00** Charles E. Konrad*, University of North Carolina - Chapel Hill; Gretchen Carlson, UNC Chapel Hill; Christopher Fuhrmann, UNC Chapel Hill, *The Clustering of Extreme Weather Events with Respect to Time and Their Relationship with the Planetary Scale Circulation.***2:20** Steve LaDochy*, California State University Los Angeles; Arbi Tamrazian, UC Berkeley; William C. Patzert, Jet Propulsion Laboratory, NASA; Josh Willis, Jet Propulsion Laboratory, *Southern California Heat Waves, Santa Anas and Wildfires, Oh My.***1136. Insect outbreaks and forest ecosystems: Patterns, causes, and impacts I (Sponsored by Biogeography Specialty Group, Mountain Geography Specialty Group)**

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jeffrey Hicke, University of Idaho; Rosemary L. Sherriff, University of Kentucky

CHAIR(S): Jeffrey Hicke, University of Idaho

1:00 Jed A Long*, Dept. of Geography, University of Victoria; Trisalyn Nelson, Dept. of Geography, University of Victoria; Michael A Wulder, Canadian Forest Service (Pacific Forestry Centre), Natural Resources Canada, *Quantifying Forest Composition and Configuration Following Insect Infestation and Mitigation.*

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1:20 Neil S Cobb*, Northern Arizona University; Craig D. Allen, Jemez Mountains Field Station; David D. Breshears, University of Arizona; Michael Clifford, Northern Arizona University; Kirsten Ironside, Northern Arizona University; Ann Lynch, USDA-USFS, University of Arizona; John D. Shaw, USDA-USFS, *Regional Tree Mortality in Response to Global-Change-Type Drought in the Southwestern US, North America.*

1:40 James H. Speer*, Indiana State University, *Pandora Moth Outbreaks Recorded in ITRDB Chronologies across the Entire Range of Ponderosa Pine in the Western United States.*

2:00 Courtney Flint, PhD.*, University of Illinois at Urbana-Champaign; A. E. Luloff, PhD., The Pennsylvania State University; Sang Hyun Chi, University of Illinois at Urbana-Champaign, *Temporal Changes and Spatial Variations in Local Attitudes on Forest Disturbance by Insects in Alaska.*

1137. Seeing green: Narrating nature in popular culture (Sponsored by Cultural Geography Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Pablo Bose, University of Vermont; Stephanie Rutherford, Macalester College

CHAIR(S): Pablo Bose, University of Vermont

1:00 Jeff Rose*, University of Utah; Adrienne Cachelin, University of Utah, *The Leave No Trace Narrative in Outdoor Recreation.*

1:20 Maxwell Boykoff*, University of Oxford; Michael K Goodman, King's College London, *Natura Spectacular: Reflections on The Nature of Celebrity Politics and The Environment.*

1:40 Jessica R Barnes*, Ohio State University, *Governing knowledge production: A case study of newspaper journalists' norms and practices for constructing climate change discourses.*

2:00 Jon Anderson*, Cardiff University, *Surfing Green: The 'place' of surf in narrations of nature.*

2:20 Stephanie Rutherford*, Macalester College; Pablo S. Bose, Professor, University of Vermont, *Nature Versus Nintendo: Gaming Culture and the Virtual World.*

1138. Mortgage Foreclosures I (Sponsored by Urban Geography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Daniel J. Hammel, University of Toledo; Kathe Newman, Rutgers University

CHAIR(S): Jeff Crump, University of Minnesota

1:00 Kathe Newman*, Rutgers University, *Foreclosures: From the Block to the Capital Markets.*

1:20 Daniel J. Hammel*, University of Toledo; Peter S. Lindquist, University of Toledo, *The Changing Patterns of Home Mortgage Foreclosures in Lucas County, Ohio, 1998 - 2007.*

1:40 Elizabeth Strom*, University of South Florida; Steven Reader, University of South Florida; Ryan Gauvey, University of South Florida, *Home Mortgage Foreclosure in the Sunbelt: The case of the Tampa Bay Region.*

2:00 Jeff Crump, PhD.*, Housing Studies Program, University of Minnesota, *What's the Address? The Politics of Foreclosure Data in Minnesota.*

Discussant(s): Elvin K. Wily, University of British Columbia

1139. People, Nature & Cities: Directions of Urban Ecology for the 21st Century (Sponsored by Urban Geography Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)
ORGANIZER(S): Jessica K. Graybill, Colgate University
Panelists: Sarah Dooling; Jessica K. Graybill, Colgate University; Adrienne Greve, California Polytechnic State University; Gregory Simon, Stanford University

1140. Sedimentary Perspectives on Paleoenvironmental Change: Part 1. (Sponsored by Paleoenvironmental Change Specialty Group, Biogeography Specialty Group, Geomorphology Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Kevin Spigel, Unity College; Samantha W. Kaplan, University of Wisconsin - Stevens Point

CHAIR(S): Kevin Spigel, Unity College

1:00 Grace E Carter*, University of Denver, *The Paleoenvironmental History of Lake Edith, Colorado: a Multi-Proxy Study.*

1:20 Colin Long*, University of Wisconsin Oshkosh; Mitch Power, University of Utah, *Fire and vegetation relations over the last 30,000 years at Little Lake, Oregon.*

1:40 Kevin M Spigel, PhD.*, Unity College; Erik Larson, Unity College, *Investigations of Wildfire Activity During Periods of Rapid Climate Change: An example from the Younger Dryas Chronozone.*

2:00 Samantha W. Kaplan*, University of Wisconsin - Stevens Point, *Evidence of Pronounced Mid-Holocene Environmental Change Inferred from Lake Sediments in Northeastern Wisconsin.*

2:20 Kevin Gilmore*, ERO Resources Corp., University of Denver, *The Influence of Environment and Population on Prehistoric Culture Change on the Western High Plains of North America: Drought and Climate Variability.*

1143. Touched by Geography I (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Deborah Dixon; Elizabeth Straughan, Aberystwyth University

CHAIR(S): Deborah Dixon

1:00 Alan Latham*, University College London, *The feeling of effort: exercise, touch, and the urban environment.*

1:20 Elizabeth Rachel Straughan*, Aberystwyth University, *Touched by Water: The Body in Scuba Diving.*

1:40 Lynda T Johnston*, University of Waikato, *Touched by Pride.*

2:00 Deborah Thien*, California State University, Long Beach, *Touch as resonance: examining the substance and shadows of place-based feeling.*

Discussant(s): Elizabeth A Gagen, University of Hull

SUNDAY, MARCH 22 • 1:00 PM - 2:40 PM • 1100**1145. The Impacts of Ruralness to Indigenous Peoples (Sponsored by Rural Geography Specialty Group, Indigenous Peoples Specialty Group)****Room:** North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): William Gribb, University of Wyoming

CHAIR(S): William Gribb, University of Wyoming

1:00 Scott Warren*, Montana State University, *Neoliberalism and Place-Identity in the Great Plains Reservation Community of Poplar, Montana.***1:20** Mehmet T. Aritan, PhD*, University of Wisconsin, *Spatial Distribution of American Indian Casinos in Relation to Population Clusters.***1:40** Dick G. Winchell*, Eastern Washington University, *Native Identity, Rural Isolation, and Strategies for and against the American Indian: American Indian Reservation History and Tribal Transportation Programs.***2:00** William J Gribb*, University of Wyoming, *The Spatial Distribution of Reservations and Its Impact on Economic Development: The Wind River Reservation Example.***2:20** Daniel Gerard Cole*, Smithsonian Institution, *Gambling Inequities: A Spatial Analysis of Gaming Activities in Indian Country.***1146. Coastal Issues****Room:** North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gregory A. Carter, The University of Southern Mississippi

1:00 Kamal Kapadia, PhD*, Environmental Change Institute, University of Oxford, *(Re)Constructing the Coastal Economy: Analyzing Livelihood Recovery Programs after the Tsunami in Sri Lanka.***1:20** Chandra Giri*, United States Geological Survey, *Mangrove Forest Distributions and Dynamics of the World (1990-2005).***1:40** Gregory A. Carter, Ph. D.*, The University of Southern Mississippi; Ervin G. Otvos, Ph. D., The University of Southern Mississippi; G. Alan Criss, M.S., The University of Southern Mississippi; Kelly L. Lucas, PhD., The University of Southern Mississippi, *Post-Katrina Resiliency of the Mississippi-Alabama Barrier Islands.***1147. From Growth to Resilience: Changing Perspectives on Regional Development I (Sponsored by Economic Geography Specialty Group)****Room:** North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Daisaku Yamamoto, Central Michigan University

CHAIR(S): Daisaku Yamamoto, Central Michigan University

1:00 Hamil Pearsall*, Clark University, *Exploring community resilience to environmental gentrification through a case study of brownfield redevelopment in New York City.***1:20** Eva Gustavsson*, Centre for Urban and Regional Studies, *Climate Change Mitigation - Burden or Opportunity?.***1:40** Robin M. Leichenko*, Rutgers University; William Duncan Solecki, City University of New York - Hunter College, *Economic Resilience Under a New Climate Regime.***2:00** Nathan F. Sayre*, University of California, Berkeley; Morgan M Robertson, University of Kentucky, *Natural capital? Resilience, dialectics, and emergent properties.***2:20** Stephen Christopher Martin*, University of Arizona, *Local efforts toward sustainable development: An examination of heterogeneous approaches in several US communities.***1149. Environmental management and the politics of science****Room:** North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Sebastien Nobert, King's College London

CHAIR(S): Chad Staddon, University of the West of England

1:00 Kerri Jean Ormerod*, University of Arizona, Department of Geography and Regional Development; Christopher A. Scott, University of Arizona, Department of Geography and Regional Development and Udall Center for Studies in Public Policy; Anne Browning-Aiken, University of Arizona, Udall Center for Studies in Public Policy, *Expanding Water Reuse: Public Trust in the Next Water Frontier.***1:20** Ting-Jieh Wang*, King's College London, *Between Certainty and Contingency: Science and the Unfoldment of Green Governmentality.***1:40** Ian Graham Ronald Shaw*, University of Arizona; Paul Robbins, University of Arizona; John Paul Jones III, University of Arizona, *A Bug's Life: Spatial Ontologies of Mosquito Management.***2:00** Sebastien Nobert*, King's College London, *Negotiating Uncertain Predictions: The Politics of Forecasting in Flood Management Policies in Europe.***2:20** Theresa Wong*, Ohio State University, *Managing development impacts on the Mekong: Science, representation and the politics of 'truth'.***1150. The Meaning of Places****Room:** North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Roger W. Pearson, University of Alaska

1:00 Elizabeth Chacko*, The George Washington University, *Spaces of celebration and identity: Ethnic festivals in the.***1:20** David Lamb*, Charles Darwin University; Martin Young, PhD, Charles Darwin University; Bruce Doran, PhD, Australia National University, *Gambling "Outback": Spatiotemporal Patterns of EGM Expenditure in three Remote Northern Australian Towns.***1:40** Alice A Black, PhD*, Missouri State University, *Geography of the Ozarks: Adding Service Learning to a Revived Course.***2:00** Paul L Nichols, B.Sc., M.A.Sc.*, Ryerson University, *Regional Variations in Environmental Policy Integration: Examining Ontario Municipalities' Official Plans.***2:20** Roger W. Pearson*, University of Alaska Geography Program; Mike Sfraga, University of Alaska Geography Program, *Alaska Landscape Changes After 50 Years of Statehood.***1151. Issues in Economic Geography****Room:** North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James O. Wheeler, University of Georgia

1:00 Mike Woolvin*, University of Dundee and Volunteer Development Scotland, *Informal volunteering in deprived Scottish communities throughout the lifecourse: developing a 'spectrum' of voluntary activity.***1:20** Michelle Buckley*, University of Oxford, *Exploring reciprocity in financial and real estate markets of the Gulf.***1:40** James O. Wheeler*, University of Georgia, *Centers of Human Creative Capital: America's Fastest Growing Private Companies, 2007.***2:00** Barney Warf*, University of Kansas, *The Prehistory of Time-Space Compression.*

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1152. DEM Processing, Validation, and Application

- Room:** North Hall N113, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jeffrey J. Danielson, United States Geological Survey
- 1:00** Jillian B Elder*, Arizona State University; Elizabeth A Wentz, PhD, Arizona State University, *Evaluating the effects of resampling digital elevation models in a viewshed analysis.*
- 1:20** Yanli Zhang*, University of Northern Iowa; Ramanathan Sugumaran, University of Northern Iowa, *Data density effects on the accuracy of LiDAR derived DEM.*
- 1:40** Peter George Chirico*, United States Geological Survey, *Geomorphic Mapping of Tropical Alluvial Placer Deposits.*
- 2:00** Jeffrey J. Danielson*, United States Geological Survey, *A New Enhanced Global Digital Elevation Model (Dem): The Status of Generalization, Gap-Filling, And Accuracy Assessment Activities.*

1153. Disaster Repairedness and Response

- Room:** North Hall N114, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Kevin Grove, Ohio State University
- 1:00** Kerry-Ann Natalie Thompson, B.A. *, University of the West Indies, *The Design of a GIS-Based Model for Integrating Qualitative and Quantitative Parameters in Community Disaster Risk Assessment.*
- 1:20** LU LI*, Sai Leung Ng, *Public Perception to Man-made Slope in Hong Kong.*
- 1:40** Yan Yang*, University at Buffalo, *Planning and Distributing Hurricane Disaster Relief Goods.*
- 2:00** Kevin Grove*, Ohio State University, *A new disaster management paradigm? Interrogating the World Bank's 'culture of insurance'.*

1154. Population Estimation Using Remote Sensing and GIS Technologies I (Sponsored by Spatial Analysis and Modeling Specialty Group, Population Specialty Group, Remote Sensing Specialty Group)

- Room:** North Hall N115, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Le Wang, SUNY at Buffalo; Changshan Wu, University of Wisconsin, Milwaukee
 CHAIR(S): Le Wang, SUNY at Buffalo
- 1:00** Karen Owen, PhD Student*, George Mason University, *Population Estimation from Remote Sensing Analysis of Human Settlements in Rural Areas: A literature review.*
- 1:20** Eddie Bright*, Oak Ridge National Laboratory; Budhendra Bhaduri, Oak Ridge National Laboratory; Phil Coleman, Oak Ridge National Laboratory; Amy Rose, Oak Ridge National Laboratory, *Estimating Inter-Censal Population Growth and Population Dynamics using Disparate Data Sources.*
- 1:40** Chengbin Deng*, University of Wisconsin-Milwaukee; Changshan Wu, University of Wisconsin-Milwaukee, *Household size estimation using residential environment evaluation.*
- 2:00** Nicole Samu*, Oak Ridge National Laboratory, *Variation in Population due to Special Events in Travel Destination Cities.*
- 2:20** Le Wang*, SUNY at Buffalo; Jose silvan, *Improving Small Area Population Estimation with High Resolution Remote Sensing.*

1155. Hazard Vulnerability: Disasters and Terrorism

- Room:** North Hall N116, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Barry Flanagan, Univ of North Carolina
- 1:00** Jennifer J Webb*, University of South Carolina; Susan L Cutter, University of South Carolina, *Changing Geographies of Terrorism in the United States: 1970 - 2004.*
- 1:20** Kevin Keenan*, Clark University, *Awareness of Vulnerability to Terrorism in Urban Areas: Social Network and Mobility Effects in Boston, MA.*
- 1:40** Dong Keun Yoon*, North Dakota State University, *Examining the relationship between socio-economic vulnerability and natural disaster losses.*
- 2:00** Barry E Flanagan, PhD*, Centers for Disease Control; Janet Heitgerd, PhD, Centers for Disease Control; Edward Gregory, PhD, Centers for Disease Control; Brian Lewis, MS, Centers for Disease Control, *Population Vulnerability Assessment: Developing an Index of Social and Economic Vulnerability.*

1157. Touristic Geography

- Room:** North Hall N118, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Yi-Chia Chen
- 1:00** CHRIS J FERTIG*, Vail, Colorado, *As a Voluntary Culture Region.*
- 1:20** Nicolai Scherle*, Katholische Universität Eichstätt-Ingolstadt, *Swimming in Cultural Flows: Conceptualising tour guides as intercultural mediators and cosmopolitans.*
- 1:40** Yi-Chia Chen*, Louisiana State University, *Shifting Place Identities In A Post-Conflict Society: Irony And Multiculturality In Quemoy, Taiwan.*

1158. Urban (Re)Development

- Room:** North Hall N119, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Yeon-Taek Ryu, Chungbuk National University, South Korea
- 1:00** Philippe Apparicio*, Université du Québec (INRS-UCS); Anne-Marie Séguin, Université du Québec (INRS-UCS); Josefina Ades, Université du Québec (INRS-UCS), *Identification of neighborhood trajectories according to low-income population concentration in Montréal (1986-2006).*
- 1:20** Cameron Balfour, B.A. *, University of Toronto, *Inclusionary Zoning, Brownfield Development and Urban Governance: Understanding the Production of Affordable Housing in Concord's City Place and False Creek North Developments.*
- 1:40** Melissa A. Wilson*, Arizona State University, *An exploration of neighborliness in HOA and non-HOA neighborhoods.*
- 2:00** Yeon-Taek Ryu*, Chungbuk National University, South Korea, *The Production of New Urban Space, Development Impact Fees, and Equity Discourses in US Metropolitan Areas.*

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1159. Mobile technologies to Support Teaching and Learning in Geography

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Stuart Downward

CHAIR(S): Stuart Downward

1:00 Stuart Downward*, Kingston University; Ken Field, Kingston University, *Mobile communications support for aiding geography fieldwork*.

1:20 Kenneth Field, BSc PhD FBCart.S FHEA*, Kingston University London, *Using GIS and Mobile Technologies for Fieldwork in Geosciences*.

1:40 James O'Brien*, Kingston University; Ken Field, Kingston University, *Using ESRI Mobile Products for Fieldwork*.

2:00 Ann Ooms*, Kingston University London; Stuart Downward, Kingston University, *Educational Use of Mobile Technologies: A Review of the Literature*.

2:20 Ian Greatbatch*, Kingston University, London, *Map Skills: location, navigation and trekking across suburbia...*

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1201. Issues in Contemporary Cartography

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dennis E. Fitzsimons, Humboldt State University

3:10 Leiser Watkins*, Samford University; Tatum Preston, Birmingham Museum of Art; Jennifer L Rahn, Samford University, *A Sense of Place: Mapping the Collections of the Birmingham Museum of Art*.

3:30 Stephanie Deitrick*, Arizona State University, *Maps, Climate Change, and Mediated Knowledge: Mass Media and (Un) Certain Science*.

3:50 Bandana Kar, Asst. Professor*, University of Southern Mississippi; Michael E. Hodgson, Professor, University of South Carolina, *Generalization of Coast Boundary: Comparison of Generalization Techniques*.

4:10 Joao Francisco de Abreu, de Abreu, J.F.*, Catholic University of Minas Gerais-Brazil; Ottoni Pasteur, Catholic University of Minas Gerais, *Geo-Representation of The World Ranking Universities Using GIS and Multi Dimensional Scale*.

4:30 Eugene Turner, California State University, Northridge; Dennis E. Fitzsimons*, Humboldt State University, *Geographic Cartography Revisited*.

1202. Applications of Fuzzy Sets and Systems in Geography (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Ola Ahlqvist, The Ohio State University

CHAIR(S): Ola Ahlqvist, The Ohio State University

3:10 Paddington Hodza*, University of Colorado, Colorado Springs, *Using fuzzy concepts to compare interpretive soil maps*.

3:30 Michelle Coffey*, United States Geological Survey, *Assessing the Accuracy of Continuous Data: Evaluating NLCD 2001 Subpixel Estimates of Percent Imperviousness*.

3:50 Nicholas Bumbarger*, Clark University; John Rogan, Clark University, *Integrating Fuzzy Classification with Observation-Driven Thresholding Rules to Improve*

Forest Type Discrimination in Massachusetts (USA).

4:10 Andrew Foy, M.S.*, Virginia Tech, *Making Sense Out of GIS Uncertainty*.

1204. Environmental Management Trends (Sponsored by Water Resources Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Melinda Harm Benson, University of New Mexico

Panelists: Suzanne Dallman, California State University - Long Beach; Olen Paul Matthews, University of New Mexico; Melinda Harm Benson, University of New Mexico; Dave Lemberg, Western Michigan University

1205. Building and Becoming Green: Economic Geographies of the Environment II (Sponsored by Economic Geography Specialty Group, Energy and Environment Specialty Group)

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Julie Cidell, University of Illinois

CHAIR(S): Julie Cidell, University of Illinois

3:10 Ola Johansson*, University of Pittsburgh at Johnstown, *The Diffusion of Green Building in the United States: The Case of LEED*.

3:30 Julie Cidell*, University of Illinois, *Building Green: Locating the Design and Construction of Green Buildings Across the U.S.*

3:50 Derek Eysenbach*, University of Arizona, *Smart Growth Certification and the Greening of Redevelopment Strategies*.

4:10 Emily Nichole Gutshall*, University of Missouri-Columbia, *Green Communities: New Urbanist Ideas merging with the Green Building Movement*.

4:30 Wiktoria Glad, PhD*, Linköping University, *Building trust: the development of a green urban neighbourhood in Sydney*.

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Room: *Royale Pavilion 1, Riviera Hotel, 1st Floor* (Panel Session)

ORGANIZER(S): Marc Auerbach

CHAIR(S): Marc Auerbach

Panelists: Rohit Negi, The Ohio State University; Jim Glassman, University of British Columbia; Daniel Buck; James Derrick Sidaway, University of Plymouth; Bram Büscher, Institute of Social Studies

1207. Managing Dynamic Urban Growth

Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Shih-Shen Chien, NUS

3:10 Ado Bichi Mukhtar*, University of Sheffield, *Land Reform Inadequacies And Peri-Urban Growth In Metropolitan Kano, Nigeria*.

3:30 Ryan A Whitney*, Mr., *Pedestrian Behavior in a Non-Motorized Zone: The Case of Shinjuku, Tokyo*.

3:50 Muiyiwa Agunbiade*, University of Sheffield; Hassan Sani, University of Sheffield, *Evolution of Urban Crisis in Nigeria*.

4:10 Shih-Shen Chien*, National Taiwan University, *Regionalism and Asymmetric Decentralization in China*.

1209. 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: *Royale Pavilion 4, Riviera Hotel, 1st 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

3:10 Feng Qi*, Kean University, *Visualizing high way air pollution: design and assessment of a visualization tool to support public communication and geographic knowledge discovery*.

3:30 Caglar Koylu*, University of South Carolina, *A Spatial Data Warehouse Model for Weather Pattern Searching*.

3:50 Umamaheshwaran Rajasekar*, Indiana State University, *Image Mining within Meteosat Data: A Case of Modeling for Monitoring of Forest Fire*.

4:10 Tao Cheng*, University College London; Jiaqiu Wang, Mr, Sun Yat-sen University, *Space-Time Series Analysis By Artificial Neural Networks*.

4:30 Micha Pazner, PhD*, The University of Western Ontario; Xianfeng Zhang, PhD., Peking University, *Multivariate Pixel Graph Images*.

1215. The Geography of Economic Evolution 2 (Sponsored by Economic Geography Specialty Group)

Room: *Capri 102, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Murray Rice, University of North Texas

CHAIR(S): Murray Rice, University of North Texas

3:10 Murray D Rice*, University of North Texas, *Subsidiary Headquarters: the Evolving Urban Geography of the Second Tier of Decision-Making Activity in North America*.

3:30 Sharon C Cobb*, University of North Florida; Joseph H Young, University of North Florida, *Marketing a Lifestyle: Multi-Scalar Geo-Demographic Analysis and Neighborhood Targeting*.

3:50 Luis Carvalho*, Erasmus University Rotterdam; Willem van Winden, Amsterdam University of Applied Sciences, *The turbulent marriage of bio-fuels and automotive in São Paulo: Institutional and organizational dynamics in the cross of related paths*.

1216. Approaching Historical Geographies Through GIS

Room: *Capri 103, Riviera Hotel, 1st Floor* (Paper Session)

CHAIR(S): Elijah Robison, Missouri State University

3:10 Wyatt James Smith, MA Candidate*, University of Western Ontario; Diana Mok, B.Math., B.E.S., M.Pl., PhD (Toronto), Supervisor; Jason Gilliland, Co-Supervisor, *Homeownership and Social Mobility in London, Ontario 1881*.

3:30 R. Zane Price*, The University of Kansas, *Virtual Ghost Towning*.

3:50 Mehmet Karakuyu*, Fatih University; Süleyman Incekara, Fatih University, *Historical Data's, Geographical Methods; Historical Geography of Manisa*.

4:10 Elijah L. Robison*, Missouri State University, *Assessing the Utility of Jamaica's Plantation-Era Land Records*.

1217. Territorial Disputes and Quasi-States

Room: *Capri 104, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Peter Kabachnik, College of Staten Island - CUNY

3:10 Edward C. Holland*, University of Colorado at Boulder, *Potential Quasi-States in the Caucasus: Ingushetia, Javakheti, and Lezgistan*.

3:30 Shaul Cohen*, University of Oregon, *Peace in Small Places: Moving Toward Resolution of Territorial Disputes*.

3:50 Peter Kabachnik*, College of Staten Island - CUNY, *Shaping Abkhazia: The Making and Remaking of a Political Territory*.

1218. Urban Sustainable Development (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: *Capri 105, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Chris Mayda, Eastern Michigan University

CHAIR(S): Chris Mayda, Eastern Michigan University

3:10 Chris Mayda, PhD*, Eastern Michigan University, *Site, Situation, and Water: Do they add up to a Sustainable Las Vegas?*.

3:25 Robyn Lane Dennis, RLA, MA*, Center for Advanced Spatial Technologies - University of Arkansas, Fayetteville, *Prosperity, Policy, and Perception: Economic, Environmental, and Social Drivers of Urban Water Resource Allocation*.

3:42 Rami Ratvio*, University of Helsinki, *The search for sustainable urban mobility: travel behaviour of residents in two urban neighbourhoods in Helsinki city centre, Finland*.

3:59 Bernard P Momer*, University of British Columbia Okanagan, *Our City, Ourselves: The role of culture in sustainable urban planning*.

4:16 Addison Marsh Gooding*, University of Vermont, *Urban Sustainability in Theory and Practice: Burlington, Vermont, USA*.

4:33 Ann Dale*, *Place, Scale, Limits and Diversity*.

SUNDAY, MARCH 22 • 3:10 PM - 4:50 PM • 1200**1219. Africa's Spaces of Exclusion Session 2 (Sponsored by Africa Specialty Group)****Room:** Capri 106, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Sarah Smiley, Morgan State University;

Francis Koti, University of North Alabama

CHAIR(S): Francis Koti, University of North Alabama

3:10 Francis Koti*, University of North Alabama, *Mediating Socio-spatial Exclusion on Africa's Urban Fringe Using Participatory GIS*.**3:30** Cobus van Rooyen*, Birkbeck College, University of London, *The South African City - Modeling the urban dynamics of Cape Town*.**3:50** Ingo Breuer*, University of Leipzig, Germany, *New Insecurities at the Saharan Margins: Globalization and Social Polarization in Morocco*.**4:10** Richard Ballard*, School of Development Studies, University of KwaZulu-Natal, *Slaughter in the Suburbs: Ritual cattle killing and post apartheid urban desegregation*.**4:30** Muriel A. Yeboah*, The University of Memphis, *Urban Poverty, Livelihood, and Gender in Urban Ghana: Perceptions and Experiences of Porters in Accra*.**1220. Negotiating Belonging: Integration, Separation, and Othering in Contemporary Europe (Sponsored by European Specialty Group, Political Geography Specialty Group, Ethnic Geography Specialty Group)****Room:** Capri 107, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Micheline Van Riemsdijk, University of Tennessee; David Jansson, Uppsala Universitet

CHAIR(S): David Jansson, Uppsala Universitet

3:10 Lindsay N. Turner*, University of British Columbia, *European Commission and Migration Controls in Europe: toward a common policy?*.**3:30** Micheline van Riemsdijk*, University of Tennessee, *Managing Skilled Migration in the European Union: Mutual Recognition of Professional Qualifications*.**3:50** Roza Tchoukaleyska*, University of Sheffield, *Public spaces of consumption: The outdoor food market as a site of identity formation and ethnic belonging in Montpellier, France*.**1222. Geography at HBCUs (Sponsored by Geography Education Specialty Group)****Room:** Capri 109, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Douglas Reardon, Coppin State University; David A. Padgett, Tennessee State

CHAIR(S): Douglas Reardon, Coppin State University

Panelists: Sarah Smiley, Morgan State University; Jasper Harris, North Carolina Central University; Daniel R. Block, Chicago State University; Bruce L. Seivertson, Imperial Valley College; Charles Christian, Coppin State University

1224. Theorizing the Spatialities of Contentious Politics II (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)**Room:** Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Walter J. Nicholls, Sociology, CSU Long Beach; Byron A. Miller, University of Calgary

CHAIR(S): Byron A. Miller, University of Calgary

3:10 Walter J. Nicholls*, Sociology, University of Amsterdam, *The Spatiality of Social Movement Networks: Nodal Fragmentation in France's Immigrant Rights Movement*.**3:30** Kristin M. Sziarto*, University of Wisconsin-Milwaukee, *Beyond the spaces of labor - differential mobilities, antagonisms, and organizational change in a religion-labor alliance*.**3:50** Sara Fuller*, Durham University, *Political opportunity structures in Europe: an environmental justice perspective*.**4:10** Kevin M. DeJesus, PhD Candidate (ABD)*, York University, *The Making of a Religio-Political Post-Colonial State: Tracing the Historical Legacies of Lebanon's Sectarian Political System*.

Discussant(s): Mark H. Purcell, University of Washington

1225. Innovative Approaches to the Study of Land Use/Livelihood Systems II (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)**Room:** Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Brent McCusker, West Virginia University; Ed Carr, University of South Carolina

CHAIR(S): Brent McCusker, West Virginia University

3:10 Miles Kenney-Lazar*, University of Miami, *Socioeconomic effects of market integration on farming households: the case of rubber in northern Laos*.**3:30** Paul O'Keefe*, West Virginia University, *Vulnerability and Livelihoods on Mt. Kilimanjaro*.**3:50** Ngakaemang Mosiane, Mr*, North-West University (South Africa) and Syracuse University (USA), *The Spaces of Livelihoods Formation in a Dynamic South African City*.**4:10** Amy Lerner*, University of California, Santa Barbara, *Peri-urban growth, rural livelihoods, and food security in central Mexico*.**4:30** Anna Versluis*, Gustavus Adolphus College, *Highlands management in a flood-prone watershed: A multilevel model tests for differences between upstream- and downstream-residing farmers*.**1227. Mapping the Terrain of Mind Body and Perception****Room:** Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jennifer Rogalsky, SUNY - Geneseo

3:10 David Spataro*, City University of New York, *The Bricoleur and the Dialectic of Disalienation/ Alienation*.**3:30** Denise Goerisch*, San Diego State University, *The Controlled Consumption of the Black Body in George Lucas' 'THX 1138'*.**3:50** Ray Poulsen, Student*, Northern Arizona University; Ray Poulsen, Student, Northern Arizona University, *Strangers in Stranger Lands*.**4:10** Nicholas Ferris Lustig*, UCLA, *A Later and More Spatial Lacan*.**4:30** Jennifer Rogalsky*, SUNY - Geneseo, *Psychogeography and Urban Exploration: James Joyce's Dublin in Rochester, New York*.**1228. Author Meets Critics: Aaron Bobrow-Strain's "Intimate Enemies"****Room:** Capri 116, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Joseph H. Bryan, University of Colorado, Boulder

Discussant(s): Aaron Bobrow-Strain, Whitman College

Panelists: Emily Yeh, University of Colorado; Gabriela Valdivia, University of North Carolina, Chapel Hill; Juanita Sundberg, University of British Columbia; Joseph H. Bryan, University of Colorado, Boulder

SUNDAY, MARCH 22 • 3:10 PM - 4:50 PM • 1200

1229. Post-Conflict Geography II: Managing Natural Resources in Post-Conflict Societies (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Arthur G. Green, McGill University
CHAIR(S): Arthur G. Green, McGill University

3:10 Arthur G. Green*, McGill University, *Overview of Post-Conflict Natural Resource Management.*

3:20 Matthew Pritchard*, McGill University, *Demobilized Combatants as Park Rangers in Mozambique: Lessons Learned.*

3:40 Dinesh Paudel*, University of Minnesota, *Greening local economic growth: Pro-poor entrepreneurship development in community forestry in Nepal.*

4:00 Ann Alden Laudati, PhD*, Utah State University, *Violent Ecologies: Exploring the links between natural resources and violent conflict in South Sudan.*

4:20 Alexandre Corriveau-Bourque*, McGill University, *Land reform as a tool for sustainable peace: lessons learned from three Central American case studies; El Salvador, Nicaragua and Guatemala.*

1230. European regions in the knowledge economy: constructing regional advantage

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jerker Moodysson, CIRCLE, Lund University, Sweden; Bjorn T. Asheim, University of Lund, Sweden

CHAIR(S): Ron Boschma, Utrecht University

3:10 Bjorn T. Asheim*, Lund University, Sweden; Jerker Moodysson, Lund University, *Trans-Sectoral Trans-Local Knowledge Networks: A Micro-Study of Innovation Policy in Sweden.*

3:30 Lukas Lengauer*, Vienna University of Economics and Business Administration; Eva Nussmüller, Vienna University of Economics and Business Administration; Franz Tödtling, Vienna University of Economics and Business Administration, *How do companies source knowledge in different types of regional innovation systems? A comparison of ICT firms in two Austrian regions.*

3:50 Markku Sotarauta*, University of Tampere, *Whose Advantage? Fine-tuning Finnish Innovation Policies for National Competitiveness, Regional Advantage or...?*

4:10 Pavla Zizalova*, Jiri Blazek, *Fragmented regional innovation system: the case of the biotechnology industry in metropolitan region of Prague, Czech Republic.*

4:30 Tom Broekel, Utrecht University; Ron Boschma*, Utrecht University, *The impact of Fokker's bankruptcy on the knowledge network in the Dutch aerospace industry.*

1231. Places Postcolonialism Forgot: New Examinations of Center & Periphery (Sponsored by Socialist and Critical Geography Specialty Group, Historical Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Tamar Y. Rothenberg, CUNY - Bronx Community College; Karen M. Morin, Bucknell University

CHAIR(S): Tamar Y. Rothenberg, CUNY - Bronx Community College

3:10 Pamela Shurmer-smith*, Royal Holloway University of London, *Once the dust of Africa is in your blood: tracking Northern Rhodesia's white diaspora.*

3:30 Ian G. Baird, PhD*, Geography Department, The University of British Columbia, *Decentring and reframing the colonial, precolonial, and postcolonial in the context of the Brao in southern Laos and northeastern Cambodia.*

3:50 Rowan Ellis*, University of Washington, *(Re)Locating Urban Governance: NGOs and the new Indian middle class.*

4:10 Tamar Y. Rothenberg*, CUNY - Bronx Community College; Karen M. Morin*, Bucknell University, *Our Theories, Ourselves: Hierarchies of Place and Status in Academia.*

Discussant(s): Jay T. Johnson, University of Kansas; David Butz, Brock University

1232. Progress in Physical Geography: challenges and opportunities from Earth System Science

Room: Skybox 204, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Nicholas Clifford, University of Nottingham, UK

CHAIR(S): Nicholas Clifford, University of Nottingham, UK

Panelists: George P. Malanson, University of Iowa; Sally P. Horn, University of Tennessee; Stephen Tooth, Aberystwyth University; Andrew C. Comrie, University of Arizona; Thomas Gillespie, UCLA; Douglas J. Sherman, Texas A&M University; Kurt M. Cuffey, University of California, Berkeley

1233. Regimes and Relationships of Care among Transnational Migrants and Left-behind Families

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Brenda Saw Ai Yeoh, National University of Singapore; Elspeth Graham, University of St. Andrews

CHAIR(S): Brenda Saw Ai Yeoh, National University of Singapore

3:10 Elspeth Graham, Dr*, University of St. Andrews; Brenda Yeoh, Prof, National University of Singapore; Jordan Lucy, Dr, University of St Andrews; Sukamdi, Dr, Gadjah Mada University, Indonesia, *Transnational migration, gendered relationships of care and child well-being in South-East Asia.*

3:30 Madeleine Wong, PhD*, St. Lawrence University, *Translocal care-giving practices in Ghanaian transnational families.*

3:50 Laura OSO, Professor*, Profesora Titular de Universidad, Facultad de Sociología, Universidad de A Coruña, Spain, *"Money and/or Love". Economic, Affective and Social Strategies of Latin- American Transnational Households: the Impact on Gender Relations.*

Discussant(s): Paul Boyle, University of St Andrews

SUNDAY, MARCH 22 • 3:10 PM - 4:50 PM • 1200**1234. Economic Geography of Europe 2**

Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Petr Pavlinek, University of Nebraska at Omaha

3:10 Satyasiba Das*, National University of Ireland; Oner Tulum, National University of Ireland, *Irish Medical Device And Diagnostics Industry And Its Competitive Position.*

3:30 Anders Waxell*, Uppsala University; Per Lundequist, Uppsala University, *Jobless growth? Investigating the structure and geography of the labour force in the Swedish life science industry.*

3:50 Rainer Frey, Deutsche Bundesbank; Michael H. Grote*, Frankfurt School of Finance & Management; Marc P. Ueber, Frankfurt School of Finance & Management, *European integration in the market for corporate control.*

4:10 Petr Pavlinek*, Charles University in Prague and University of Nebraska at Omaha; Boleslaw Domanski, Jagiellonian University; Robert Guzik, Jagiellonian University, *Industrial Upgrading Through Foreign Direct Investment in Central European Automotive Manufacturing.*

1235. Analyses of High-Impact Weather II (Sponsored by Climate Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Kenneth Blumenfeld, University of Minnesota

CHAIR(S): Kenneth Blumenfeld, University of Minnesota

3:10 Kenneth Blumenfeld*, University of Minnesota, *Frequencies and Return-Periods of Major Convective Weather Events in the Twin Cities Metropolitan Area, MN.*

3:30 Andrea Schumacher*, Colorado State University / CIRA; Mark DeMaria, NOAA/NESDIS/STAR; Daniel Brown, National Hurricane Center, *Application of the National Hurricane Center Tropical Cyclone Wind Speed Probability Product to a Forecast Improvement/Socioeconomic Benefit Analysis.*

3:50 Russ S. Schumacher*, National Center for Atmospheric Research; Daniel T. Lindsey, NOAA/NESDIS/STAR/RAMMB; Jeff Braun, Cooperative Institute for Research in the Atmosphere, Colorado State University; Steven Miller, Cooperative Institute for Research in the Atmosphere, Colorado State University; Julie L. Demuth, National Center for Atmospheric Research, *The 22 May 2008 Weld County, Colorado Tornado: Analysis of Meteorological Conditions and the Communication of Weather Information.*

4:10 Anji Seth, PhD*, University of Connecticut; Maisa Rojas, PhD, Universidad de Chile; Sara A. Rauscher, PhD, International Center for Theoretical Physics, *Projected Changes in the Annual Cycle of the South American Monsoon: Implications for Seasonal Extremes.*

1236. Insect outbreaks and forest ecosystems: Patterns, causes, and impacts II (Sponsored by Biogeography Specialty Group, Mountain Geography Specialty Group)

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jeffrey Hicke, University of Idaho; Dominik

Kulakowski, Clark University

CHAIR(S): Dominik Kulakowski, Clark University

3:10 Kathryn Hrinkevich*, University of Northern British Columbia; Kathy Lewis, University of Northern British Columbia, *Historical mountain pine beetle outbreak dynamics in north-central British Columbia.*

3:30 Rosemary L. Sherriff*, University of Kentucky, *Climate and spruce bark beetle (Dendroctonus rufipennis) interactions in south-central Alaska.*

3:50 Saskia L. van de Gevel, PhD*, Appalachian State University; Henri D. Grissino-Mayer, PhD, The University of Tennessee; Evan Larson, The University of Minnesota, *Separating the influence of climate and mountain pine beetle outbreaks in whitebark pine radial growth, Northern Rocky Mountains, USA.*

4:10 Juan Paritsis*, University of Colorado Geography; Jeremy M. Smith, University of Colorado Geography; Thomas T. Veblen, University of Colorado Geography, *Insect Outbreaks and Environmental Heterogeneity in Patagonian Nothofagus Forests.*

4:30 Shane P.J. McCloskey, PhD., University of British Columbia, Canada and University of Auckland, New Zealand; Lori D. Daniels, PhD*, University of British Columbia, Canada, *Western Hemlock Looper: A Biological Agent of Disturbance in Coastal Forests of British Columbia.*

1237. Flow and sediment transport processes (Sponsored by Geomorphology Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jordan A. Clayton, Georgia State University

CHAIR(S): Jordan A. Clayton, Georgia State University

3:10 Jordan A. Clayton*, Georgia State University, *Modeling flow in the Whitewater River Basin, Kansas.*

3:30 Amy Menczel*, University of Guelph, *Sediment Dynamics of Fluvial Turbidity Currents: Lillooet Lake, Canada.*

3:50 Nupur Bose, Head of the Dept. *, Dept. of Geography, A.N.College [Magadh Univ.], Patna, India; Ashok Kumar Ghosh, Prof.-in-charge, Dept. of Environment and Water Management, A.N.College [Magadh University], Patna, India; Ajay Govind Bhatt, A.N.College [Magadh University], Patna, India, *Changing Geomorphology of The Kosi River System In The Indian Subcontinent.*

1238. Mortgage Foreclosures II (Sponsored by Urban Geography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Daniel J. Hammel, University of Toledo; Kathie Newman, Rutgers University

CHAIR(S): Laura Smith, Macalester College

3:10 Christine Drennon*, Trinity University, *Mortgage Finance and Foreclosure: the production of homogeneous neighborhoods in San Antonio.*

3:30 Todd Sink*, Indiana State University; Brian Ceh, Ryerson University; Joseph Koroma, Olympic College, *Gentrification and HOPE VI in Chicago: Before and After the Recent Foreclosure Crisis.*

3:50 Lawrence A. Brown*, Ohio State University; Su-Yeul Chung, Western Illinois University; Michael Webb, Ohio State University, *Population Vulnerability in a Contemporary Setting: Housing Foreclosure in Columbus Ohio, 2003-2007.*

4:10 Laura Smith*, Macalester College, *Beyond Spatial Correlation: An Alternative Method for Investigating Characteristics of Mortgage Foreclosures in the Twin Cities.*

Discussant(s): Philip Ashton, University of Illinois-Chicago

SUNDAY, MARCH 22 • 3:10 PM - 4:50 PM • 1200**1240. Sedimentary Perspectives on Paleoenvironmental Change: Part 2. (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)****Room:** Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)**ORGANIZER(S):** Kevin Spigel, Unity College; Samantha W.

Kaplan, University of Wisconsin - Stevens Point

CHAIR(S): Samantha W. Kaplan, University of Wisconsin - Stevens Point**3:10** Donald G. Sullivan*, University of Denver; Grace Carter, University of Denver, *Loess, LOI, and GPR in Lakes: Reconstructing Lake Quaternary Paleoclimatic Change.***3:30** Carl A. Reese, PhD*, University of Southern Mississippi, *An Old Dog with Yet Another Trick: an automated wet- or dry-deposition pollen trap.***3:50** Jacquelyn L. Gill, MS*, University of Wisconsin-Madison; Jeremiah P. Marsicek, BS, University of Wisconsin-Madison; Jeffrey P. Donnelly, PhD, Woods Hole Oceanographic Institution; Bruce M. Simonson, PhD, Oberlin College; John W. Williams, PhD, University of Wisconsin-Madison, *Is there evidence for a Younger Dryas impact event in lake sediment records from the Great Lakes region?***4:10** Daniel Gavin*, University of Oregon; Andrew C.G. Henderson, University of Glasgow; Karlyn S. Westover, University of Nebraska; Melanie J. Leng, University of Nottingham; Sherilyn Fritz, University of Nebraska; Ian R. Walker, University of British Columbia Kelowna; Feng Sheng Hu, University of Illinois, *Multiple Abrupt Shifts in the Early-Holocene Climate of Western Canada.***4:30** Erik Schiefer, PhD*, Northern Arizona University, *A Lake Sediment-Based Proxy of Floods in the Rocky Mountain Front Range, Canada.***1244. Ethnicity and the Environment****Room:** North Hall N102, Las Vegas Convention Center (Paper Session)**ORGANIZER(S):** Program Committee**CHAIR(S):** Jerry T. Mitchell, University of South Carolina**3:10** William C. Rowe*, Louisiana State University, *Variations on the "Ecological Trilogy": City, Village, and Nomad in Western Afghanistan.***3:30** James Kuras*, SUNY Geneseo, *Selling Shellfish in Istanbul: A Discussion with Kurdish Street Vendors.***3:50** Paula Smith*, Haskell Indian Nations University, *Collaborations: Indigenous Students and Climate Change.***4:10** Nicholas Vaughn*, California State University, Fullerton, *Planting gold: A study of Vietnam's emergence as a leading coffee producer.***4:30** Jerry T. Mitchell, PhD*, University of South Carolina; William Terry*, University of South Carolina, *Who Owns Pisco? Chile, Peru, and the Politics of Trade.***1245. Forest Management, Conservation and Indigenous Peoples (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)****Room:** North Hall N103, Las Vegas Convention Center (Paper Session)**ORGANIZER(S):** RDK Herman, National Museum of the American Indian**CHAIR(S):** Kari Forbes-Boyte, Dakota State University**3:10** Chris N. Castagna*, University of Hawai'i at Manoa, *Pines for the People: Selected Maori Perspectives on Exotic Forestry.***3:30** Renee Marie Bullock*, University of Florida, *Participatory Forest Management in the East Usambaras, Tanzania.***3:50** Nathan Bennett, BED, Graduate Student*, Lakehead University, School of Outdoor Recreation, Parks and Tourism; Raynald Harvey Lemelin, PhD, MSoc, BSoc, Lakehead University, School of Outdoor Recreation, Parks and Tourism; Stephen Ellis, MES, BSc, Thaidene Nene Parks Working Group, Lutsel K'e Dene First Nation; Gloria Enzoe, Thaidene Nene Parks Working Group, Lutsel K'e Dene First Nation, *Differing Perspectives on the Community Benefits of Conservation: A Comparison of Local and External Perspectives on Thaidene Nene National Park and Lutsel K'e, Northwest Territories.***4:10** Chien-Wen KAO*, Pedro de Araujo Lima Constantino, *A Robust Alliance? The Collaboration and Conflicts of the Indigenous Rights Movement and Biological Conservation in Latin America.***1246. Coastal Issues 2****Room:** North Hall N107, Las Vegas Convention Center (Paper Session)**ORGANIZER(S):** Program Committee**CHAIR(S):** Tara Wallace, NOAA**3:10** Assaf A Alhawas*, Faculty, King Saud University, Riyadh, Saudi Arabia, *Red Sea Water Physico-chemical Properties and Dynamics.***3:30** Erin Hestir*, University of California, Davis, *Understanding potential feedbacks in aquatic systems: submerged aquatic plants and turbidity in the Sacramento-San Joaquin River Delta.***3:50** Tara Wallace*, NOAA; Julia Powell, NOAA, NCSII *Challenges With Integrating PLTS Nautical Solution.***1247. From Growth to Resilience: Changing Perspectives on Regional Development 2 (Sponsored by Economic Geography Specialty Group)****Room:** North Hall N108, Las Vegas Convention Center (Paper Session)**ORGANIZER(S):** Daisaku Yamamoto, Central Michigan University**CHAIR(S):** Daisaku Yamamoto, Central Michigan University**3:10** Jurgen Essletzbichler*, Temple University, *Robustness and resilience of US metropolitan areas.***3:30** Karen Chapple*, UC-Berkeley, *The Geography of Economic Insecurity and Regional Resilience.***3:50** Daisaku Yamamoto*, Central Michigan University, *Regional resilience to economic shocks and structural shifts.***4:10** Jennifer Clark*, Georgia Institute of Technology, *The Role of Innovative Small Firm Networks in Regional Economic Resilience.***4:30** Andrew J Wenzl, PhD*, University of Washington, *Volatile Financial and Property Markets, Household Assets, and Regional Economic Development.*

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1248. Agency, Institutional Change, and Regional Development (Sponsored by Economic Geography Specialty Group)

- Room:** North Hall N109, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Nicholas Velluzzi, College of Charleston
 CHAIR(S): Nicholas Velluzzi, College of Charleston
3:10 Mark Pendas, PhD*, University of Washington Tacoma, *Manufacturing revival: advancing urban industrial policy.*
3:30 Nicholas Velluzzi, PhD*, College of Charleston, *From wheat to wine: Social capital, innovation, and regional development in Walla Walla.*
3:50 Greig Tor Guthey*, California State University, San Marcos; Gail Whiteman, Erasmus University Rotterdam, *Wine Transitions and Regional Becoming.*
4:10 Melanie Fasche*, Free University Berlin, *Organizational and spatial logics of the art world game - an evolutionary perspective.*
4:30 Susanne Meyer*, Leibniz University of Hannover, Institute of Economic and Cultural Geography; Javier Revilla Diez, Leibniz University of Hannover, Institute of Economic and Cultural Geography, *Organisation of customer-producer-relations in the Greater Pearl River Delta: Institutional setting, Governance modes, Regional competitiveness.*

1249. A VerySpatial Podcast: Live!

- Room:** North Hall N110, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): L Jesse Rouse, West Virginia University; Susan J. Bergeron, West Virginia University
 CHAIR(S): H. F. LaFone
 Panelists: L Jesse Rouse, West Virginia University; Susan J. Bergeron, West Virginia University; H. F. LaFone

1250. Geospatial Knowledge and Concepts in Military Operations

- Room:** North Hall N111, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Benjamin Wallen, U.S. Army
3:10 Joshua D. Johnson*, California State University, San Bernardino, *Cracking the Rock: The Fall of Corregidor as a Function of Geography.*
3:30 James F. Chastain, United States Military Academy; Benjamin M. Wallen*, U.S. Army, *Correlates of Spatial Way Finding.*

1251. Economic Geography, Creativity and the Arts

- Room:** North Hall N112, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jeffrey S. Boggs, Brock University
3:10 Hyunwoo Lim*, University of Maryland - College Park, *Geographical Implications of Online Shopping on Physical Distribution Network.*
3:30 Robert R. Klein, M.A. Student*, Ohio State University, *Music all over the map: specialized cultural economies across the rural-urban continuum.*
3:50 Jeffrey S. Boggs, PhD*, Brock University, *Describing and explaining geographical and temporal patterns of book fairs: the case of Canada, North American and the world.*

1252. Conservation, Materiality and Practice

- Room:** North Hall N113, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Kathryn Pratt, University of Minnesota
 CHAIR(S): Kathryn Pratt, University of Minnesota
3:10 Peter Wilshusen, PhD*, Bucknell University, *Conservation/Development as Practice and Performance: Community Forest Management amid Neoliberal Reform in Southeastern Mexico.*
3:30 Joanna IE Reid*, UBC, *Exclosures: Hybridity and Social Conflict in the Cariboo-Chilcotin Grasslands of British Columbia.*
3:50 Eric W. LaFary*, The University of Auckland, *Values and networks: enacting Auckland's coastal/estuarine policy.*
4:10 Matt McCourt*, University of Maine Farmington, *Laboring Land: Transition, Risk, and Practices of Farmland Conservation.*
 Discussant(s): Bruce Braun, The Graduate Center, The City University of New York

1253. Disaster Response

- Room:** North Hall N114, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): William M. Bass, Houston-Galveston Area Council
3:10 Joshua M Akers*, University of Toronto, *Crisis to Crisis: Market-Oriented Education Systems in Post-Katrina New Orleans.*
3:30 Laurence Moore*, U.S. Geological Survey, *USGS Standard Quadrangle Maps for Emergency Response.*
3:50 Joel L Lawhead*, NVision Solutions, Inc.; Craig A. Harvey, NVision Solutions, Inc.; Kevin L. Schultz, NVision Solutions, Inc., *Post-Katrina Emergency Response Data Sharing.*
4:10 Robert M Mikol*, University of Alaska, Fairbanks, *Extending the Functionality of the Consumer-Grade GPS for More Efficient GIS and Mapping Applications.*
4:30 William M. Bass, GISP*, Houston-Galveston Area Council, *Natural Hazards and Regional Planning: Developing an Integrated Geographic Information Model.*

1254. Population Estimation Using Remote Sensing and GIS Technologies II (Sponsored by Spatial Analysis and Modeling Specialty Group, Population Specialty Group, Remote Sensing Specialty Group)

- Room:** North Hall N115, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Le Wang, SUNY at Buffalo; Changshan Wu, University of Wisconsin, Milwaukee
 CHAIR(S): Changshan Wu, University of Wisconsin, Milwaukee
3:10 F. Benjamin Zhan*, Texas State University-San Marcos; Omar Tapia Silva, Research Center in Geography and Geomatics ?Ing. Jorge L. Tamayo?; Mauricio Santillana, Harvard University Center for the Environment, *Estimating Small Area Population Growth Using Geographic Knowledge Guided Cellular Automata.*
3:30 Scott Robidoux*, WIU, *Re-mapping population using house location data: A comparison with Census.*
3:50 Shuming Bao*, University of Michigan; Susan Haynie, Demographic Consulting, Inc., *Small Area Demographic Estimates for China with Remote Sensing, GIS and Spatial Modeling.*
4:10 Changshan Wu, Associate Professor*, University of Wisconsin, Milwaukee, *GIS datasets for improving small area population estimation.*

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1255. Geographical Issues in Agriculture

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): French Tyler Huffman, Eastern Kentucky University

3:10 Terence McFadden*, Geography, Planning Environmental Policy, *A Role for the Farm Household? On-farm Innovation & Diversification.*

3:30 Victoria Tasker, M.A. Student*, Brock University; Marilyne Jollineau, Associate Professor, Brock University, *Geomatics Approaches for Improved Vineyard Management in the Niagara Region, Canada.*

3:50 Jean Lavigne, PhD*, College of St. Benedict/St. John's University, *"Not On My Plate": Sources of Popular Resistance to Genetically Modified Agriculture in France.*

4:10 French Tyler Huffman, PhD*, Eastern Kentucky University, *Assessing Viticulture Suitability in Southeastern Kentucky.*

1256. Spatial scale and Energy : Models, Processes, and Human Behavior (Sponsored by Energy and Environment Specialty Group)

Room: North Hall N117, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Noah Goldstein, CTG Energetics

Panelists: Woodrow Whitlatch; Matthias Fripp, University of California, Berkeley

1257. Tourism and The Identity of Places

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anne Donovan

3:10 Steven P. Fuller*, Michigan State University, *Amenity Migration in the Adirondack Park, New York.*

3:30 Huili Hao*, Center for Sustainable Tourism, East Carolina University; Patrick Long, Center for Sustainable Tourism, East Carolina University; James Kleckley, Bureau of Business Research, East Carolina University, *What Make a Community a Tourism-impacted Place? --- A Spatial and Economic Approach.*

3:50 Susan Dupej*, York University, *Exploring Everyday Tourism Landscapes of Harvest and Holiday Festivals in Ontario.*

4:10 Anne Donovan*, Emporia State University, *Restaurants and recovery in post-Katrina New Orleans.*

1258. Urban Planning and Design

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark Fram, University of Toronto

3:10 Andrew M Giguere*, Ohio University, *"Living under the gun:" The Development of Baltimore's "Highway to Nowhere."*

3:30 Paul Langlois*, University of Toronto, *"Condo Living" and the construction of the Condo Brand.*

3:50 Sujata Shetty*, University of Toledo; Jane Morgan, JFM Consulting Group, *Planning Across City-Suburb Boundaries: Some Early Lessons from Detroit.*

4:10 Steven Bayer*, Freie Univesitaet Berlin, *Inner-city port development in Germany and its conflict fields.*

4:30 Mark W Fram, B.Arch, MA, PhD (abd)*, University of Toronto, *Matters of Conformance: Mixed Urban Activities and Nuisances at Very Local Scales.*

1259. Water Contamination

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joseph Terzungwe Zume, Shippensburg University

3:10 Manouchehr F. Amini*, Swiss Federal Institute of Aquatic Science and Technology (Eawag), Ueberlandstrasse 133, CH-8600 Duebendorf, Switzerland; Karim C. Abbaspour, Swiss Federal Institute of Aquatic Science and Technology (Eawag), Ueberlandstrasse 133, CH-8600 Duebendorf, Switzerland; Annette Jonhson, Swiss Federal Institute of Aquatic Science and Technology (Eawag), Ueberlandstrasse 133, CH-8600 Duebendorf, Switzerland, *Modelling geogenic fluoride and arsenic contamination in groundwaters, a global perspective.*

3:30 Nicholas Enwright*, University of North Texas; Paul F. Hudak, PhD, University of North Texas, *Hydraulic Conductivity, Playa Lakes, and Nitrate in the High Plains Aquifer, Texas.*

3:50 Howard Horowitz*, Ramapo College, *Herbicide Overuse in Freshwater Lakes and Tidal Wetlands.*

4:10 Amber D. Manfree, MA Candidate*, Department of Geography, University of California, Davis, One Shields Ave., Davis, CA 95616; Andrew E. Bale, PhD., Civil and Environmental Engineering; Steven E. Greco, PhD., Department of Environmental Design, University of California, Davis, One Shields Ave., Davis, CA 95616; Lorence Oki, PhD., Department of Plant Sciences, University of California, Davis, One Shields Ave., Davis, CA 95616; Darren L. Haver, PhD., Water Resources/Water Quality Advisor, University of California Cooperative Extension - Orange County, 1045 Arlington Drive, Costa Mesa, CA 92626, *Modeling the effects of landscape BMPs on water quality in urban residential areas.*

4:30 Joseph Terzungwe Zume, Dr.*, Shippensburg University, *Burial Practices and Groundwater Quality in Rural Central Nigeria.*

SUNDAY, MARCH 22 • 5:00 PM - 8:30 PM

5:00 p.m. – 6:00 p.m.

Welcome Reception

Room: Royale Pavilion 5-7, Riviera Hotel, 1st Floor

Hors d'oeuvres and drinks will be served.

6:00 p.m. – 7:30 p.m.

1410. Presidential Plenary: The Future of Water in the American West

Room: Royale Pavilion 5, Riviera Hotel, 1st Floor

ORGANIZER: Association of American Geographers

WELCOME: **Douglas Richardson**, AAG Executive Director

INTRODUCTION: **John A. Agnew**, University of California, Los Angeles

SPEAKERS:

Glen MacDonald is Professor of Geography and Ecology and Evolutionary Biology at the University of California in Los Angeles. He is well known for his research on long-term trends in climate and precipitation in the Mountain West.

Patricia Gober is a Professor in the School of Geographical Sciences and the School of Sustainability at Arizona State University. She is Co-director of the Decision Center for a Desert City at ASU and has recently undertaken a major research project on the role of water in the growth of metropolitan Phoenix.

James Powell is Executive Director of the National Physical Science Consortium at the University of Southern California and has published on the geological history of the Grand Canyon and on the relationship between Lake Powell's shrinkage and climate change.

William E. Rinne is Director of the Surface Water Resources Department of the Southern Nevada Water Authority. He has long been actively involved in the management of the Colorado River and the supply of water to the city of Las Vegas.

DESCRIPTION: The four speakers will address the theme of water in the American West from a variety of perspectives, illustrating the interconnectedness of human and physical geography as well as the profound significance of water in this region of rapid urbanization and longstanding commercial agriculture.

James Powell's appearance is supported by the Decade of Behavior Distinguished Lecture Program.

7:30 p.m. – 8:30 p.m.

Book signing with James Powell, Executive Director of the National Physical Science Consortium at the University of Southern California

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor

MONDAY

Presenting author(s) are indicated with an asterisk ().*

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100**2101. Urban Geography: Gentrification and Class**

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Webb, The Ohio State University

8:00 Cecilia Chu*, University of California, Berkeley,
Model Settlements for "Better Class Chinese": The Development of the Garden City Concept in Colonial Hong Kong, 1919-1939.

8:20 Gary Simonson, M.A.*, University of Washington,
Stayers, Amenities, and Social Mixing: The Impacts of Gentrification on Long-term Working Class Residents in Southeast Seattle.

8:40 Willem Boterman*, University of Amsterdam; Lia Karsten, University of Amsterdam; Sako Musterd, University of Amsterdam, *New urban residential preferences of middle-class families?*

9:00 Tiago Castela*, University of California at Berkeley,
"Clandestine" Land Commodification and Class Formation in the Lisbon Area, 1960-1990.

9:20 Michael D. Webb*, The Ohio State University; Lawrence A. Brown, Ohio State University, *Movin' On Up: Racial/Ethnic Minorities as Gentrifiers.*

2102. Geographies of Health and Resilience in African Communities

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stephanie Booker, University of Colorado at Boulder

8:00 Daniel Buor, Professor Dr. Dr.*, Kwame Nkrumah University of Science and Technology, *Comparative analysis of the utilisation of health services in rural and urban areas in developing countries: A case study of Ahafo Ano South District and Kumasi Metropolis, Ghana.*

8:20 Elisa Bignante*, Dipartimento Interateneo Territorio, University of Torino, *Natural resources as traditional health remedies among the Maasai and Meru of Uwiwo, northern Tanzania.*

8:40 Aimee M. Shipman, PhD*, University of Idaho, *Exploring Social Capital at the Community Level in Gaborone, Botswana.*

9:00 Stephanie Booker, MA Candidate*, University of Colorado at Boulder, *The African AIDS Crusade: Lutheran Missions, HIV/AIDS and the African Body in Tanzania.*

2104. Water Issues in the West

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kevin R. Mulligan, Texas Tech University

8:00 Andrew William Reeves, BA (Hons)*, University of Toronto, *Imagining Water Security: Freshwater and its Challenge to National Security in North America.*

8:20 Jiao Wang*, Texas State University - San Marcos, *Monitor Spatial and Temporal Dynamics of water use in El Paso County, Texas based on GIS and land cover data.*

8:40 Justin Goldstein*, University of Oklahoma Department of Geography; Aondover A Tarhule, University of Oklahoma Department of Geography; Michael B Richman, University of Oklahoma School of Meteorology, *Trends in Precipitation in the United States Central and Southern Plains: 1948-2006.*

9:00 Jess C. Porter, PhD*, Oklahoma State University, *Dust Bowl Redux.*

9:20 Kevin R. Mulligan*, Texas Tech University; Lucia Barbato, Texas Tech University; Ada Warren, Texas Tech University; Chris Van Nice, Texas Tech University, *Mapping the Usable Lifetime of the Ogallala Aquifer in Texas.*

2105. Recent Climate Change in the USA

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gregory J. McCabe, United States Geological Survey

8:00 David M. Hondula*, The University of Virginia; Robert E. Davis, University of Virginia, *Decreases in the U.S. "Transition" Frequency and a New Perspective on United States Climate Change.*

8:20 Kelsey N. Scheitlin*, Florida State University; Robert E. Hodges, Florida State University; Jill C. Malmstadt, Florida State University; James B. Elsner, Florida State University, *Toward Increased Utilization of an Extended Hurricane Record.*

8:40 Armand D. Silva*, Penn State University, *Climate Diagnostics of Jet Contrail Outbreaks and a Regionalization for the United States.*

9:00 Jeffrey C. Rogers*, Ohio State University, *The Twentieth Century Cooling Over the Southeastern United States.*

9:20 Gregory J. McCabe*, U.S. Geological Survey; David M. Wolock, U.S. Geological Survey, *Recent Declines in Western US Snowpack in the Context of 20th Century Climate Variability.*

2106. Anarchism, Autonomia and the Spatialities of Revolutionary Politics and Theory 1 (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)

Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Nathan Lee Clough, University of Minnesota; Renata Blumberg, University of Minnesota

CHAIR(S): Nathan Lee Clough, University of Minnesota

8:00 Craig Dalton*, UNC Chapel Hill; Elizabeth Mason-Deese, UNC Chapel Hill, *Counter-Mapping Knowledge Production in Research Triangle.*

8:20 Eli Meyerhoff*, University of Minnesota, *Anarchist Education: Building the New School in the Shell of the Old.*

8:40 Stephanie Wakefield*, CUNY Graduate Center, *The Space between Two Deaths.*

9:00 Farhang Rouhani, PhD*, University of Mary Washington, *Queer Anarchism in Action: The Rise and Demise of the Richmond Queer Space Project.*

Discussant(s): Anthony Ince, Queen Mary, University of London; Renata Blumberg, University of Minnesota

2107. Spatial Strategies of Indigenous Resistance I - Place-Making (Sponsored by Indigenous Peoples Specialty Group)

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): G. Rebecca Dobbs, University of North Carolina at Chapel Hill

8:00 Sarah Prout, PhD*, Australian National University, *Always out of place: Indigenous spatial struggles in contemporary Australia.*

8:20 Kristina Monroe Bishop*, University of Arizona, *Colonial Medicine in South Africa: The Regulation of Nature, Witchcraft and Stethoscopes.*

8:40 Judith Miggelbrink, Dr.*, Leibniz-Institute for Regional Geography; Bernd Belina, Prof. Dr., University of Frankfurt/Main, *Indigenous territoriality as argument: the case of the Sámi.*

9:00 Laurie S Richmond*, University of Minnesota, *Fishscapes and Power: Place-making and Alaska Native resistance in the Pacific halibut fishery on Kodiak Island.*

9:20 Zoltan Grossman*, The Evergreen State College, *From Nisqually to Iraq: Imperial Placemaking and Resistance at Fort Lewis.*

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100**2108. Spatial Analysis of Agriculture**

Room: *Royale Pavilion 3, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Darcy L. Boellstorff, Bridgewater State College

8:00 Laura S Harrison, UCSB M.A./PhD Student*, University of CA Santa Barbara, *Improved Crop Modeling with Temperature Stress*.

8:20 Nagendra Singh*, Oak Ridge National Laboratory; Budhendra L Bhaduri, Oak Ridge National Laboratory, *Suitability of Land Cover datasets for Feedstock Estimation*.

8:40 Matthew M. Bernau, M.S.*, South Dakota State University Graduate Student, *The Teleconnections of Energy and Land Change in the Upper Midwest*.

9:00 Darcy L. Boellstorff*, Bridgewater State College, *Land use transition and dynamic soil property assessment for an agricultural soil of Plymouth County, Massachusetts*.

9:20 Lisa J. Powell*, University of Texas at Austin, *Changing Landscapes and Land Use in Rural Kentucky*.

2109. Whither Central and Eastern Europe? Contemporary dynamics in an elusive region (Sponsored by Russian, Central Eurasian, and East European Specialty Group, European Specialty Group, Political Geography Specialty Group)

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Corey Johnson, University of North Carolina - Greensboro; Francis Harvey, University of Minnesota - Minneapolis

CHAIR(S): Francis Harvey, University of Minnesota - Minneapolis

8:00 Corey Johnson*, University of North Carolina - Greensboro, *Geopolitical implications of the missile shield: Mapping a new strategic regime in CEE*.

8:20 Christian Sellar*, University of Mississippi, *To Be or Not to Be [in the EU]: That is the Question. Investment Strategies of Italian Firms and Local Policies in the Border Region between Slovakia and Ukraine*.

8:40 Amy Richmond Krakowka, PhD*, United States Military Academy, West Point, *Environmental Security in Eastern Europe*.

Discussant(s): Francis Harvey, University of Minnesota - Minneapolis

2110. Economic Restructuring

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Carolyn Hatch

8:00 Jeffrey Olson*, The Ohio State University; Darla K Munroe, The Ohio State University, *The Linked Economies of Rural and Urban Ohio*.

8:20 Mark De Socio*, Salisbury University, *Impacts of economic restructuring on regional institutional thickness: A longitudinal social network analysis of Akron, Ohio (1975-2005)*.

8:40 Jon Moore*, University of Akron, *Public Services as an Economic Development Strategy: The Akron Biomedical Corridor*.

9:00 Elliot Siemiatycki, PhD Candidate*, University of British Columbia, *Beyond the Bargaining Table: Auto Industry Restructuring, State Intervention and Trade Unionism in Oshawa, Ontario*.

9:20 Carolyn Hatch, PhD candidate*, *Understanding globally competitive manufacturing strategies in Canada: labour practices and design inputs*.

2111. Perspectives on the Environment

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jon W. Carroll, Michigan State University

8:00 Smriti Dahal*, Texas A&M University; Sanjay K Nepal, Texas A&M University, *Integration of local people in protected areas*.

8:20 Ahmad S.A. Safi*, Environmental Studies; Ahmad S A, Environmental Studies, *Environmental Technology Transfer to the Poor Communities: Concerns, Limitations, and Opportunities*.

8:40 Celeste Dempster, BSc (Queen's), MA candidate*, University of Victoria; Stephen Lonergan, BSc (Duke), MA, PhD (Penn), University of Victoria, *Resilience of social-ecological systems in the context of violent conflict: A case study of the marshlands of southern Iraq*.

9:00 Laura J Hall, PhD Candidate*, York University, *Haudenosaunee Worldview and Environmental Sustainability: The Metaphysics of Ecological Knowledge*.

9:20 Jon W. Carroll*, Michigan State University; John W. Norder, Michigan State University, *Navigation and Negotiation: Studying Symbolic Information Encoded on the Landscape*.

2112. Towards a Critical Geography in/of Latin America and the Caribbean

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Panel Session)

ORGANIZER(S): Marion Traub-Werner, University of Minnesota; Sara Koopman, University of British Columbia

8:00 Juanita Sundberg, University of British Columbia

8:15 Altha J. Cravey, University of North Carolina

8:30 Joel D Wainwright, The Ohio State University

8:45 Joseph H. Bryan, University of Colorado, Boulder

2113. Eclectic Geography

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Paul G. Marr, Shippensburg University

CHAIR(S): Paul G. Marr, Shippensburg University

8:00 Paul G. Marr*, Shippensburg University, *Finding Fort Morris: The Search for a Lost Colonial Fort*.

8:20 Christopher J. Sutton*, Western Illinois University, *3D Reconstructions of the Now and the Past: Integrating Google SketchUp into McDonough County, IL Mapping Projects*.

8:40 Claire Jantz*, Shippensburg University; Richard L Jantz, PhD, University of Tennessee Department of Anthropology; Paul G Marr, PhD, Shippensburg University Department of Geography-Earth Science, *Body Proportions in Recent Native Americans: Colonization History Vs. Ecogeographical Patterns*.

9:00 Dawn M Drake*, University of Tennessee, *Rural Architecture as a Historical Cultural Indicator: The Case of Barns in Monroe County, Pennsylvania*.

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100**2116. Environment: Local Management and International Perspectives**

Room: Capri 103, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Helen Hazen

8:00 Stuart Muirhead, BSc(Hons), MRes*, University of Dundee and the Forestry Commission Scotland, *Nature and well-being: building social and emotional capital through environmental volunteering.*

8:20 Kathleen C Williams*, University of Wisconsin - Milwaukee, *Volunteers in Milwaukee County Parks: A critical examination of the role of volunteers in managing parks.*

8:40 Catrina MacKenzie*, McGill University, Department of Geography, *Perceived Benefits of Revenue Sharing and Measured Human Disturbance in Kibale National Park, Uganda.*

9:00 Bahar Aykan*, CUNY Graduate Center, *Privileging Universal Exceptionality: The Making of Nature in the UNESCO World Heritage Convention.*

9:20 Helen D Hazen, PhD.*, Macalester College, *"of Outstanding Universal Value": Scalar Challenges in Applying the World Heritage Convention at National Parks in the US.*

2118. Applied Geostatistics I

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Pierre Goovaerts, BioMedware; Ruth Kerry, Brigham Young University

CHAIR(S): Pierre Goovaerts, BioMedware

8:00 Ruth Kerry*, Brigham Young University; Pierre Goovaerts, Biomedware; Daniel Gimenez, Rutgers University; Peter Oudemans, Rutgers University, *Investigating the Potential of Defining Management Zones for Precision Farming of Cranberries using Geostatistical Methods.*

8:20 Pierre Goovaerts*, BioMedware, *Combining areal and point data in geostatistical interpolation: applications to soil science and medical geography.*

8:40 Peter P Siska, PhD.*, USMA; Pierre Goovaerts, PhD., BioMedware Inc, Ann Arbor, Michigan; Phillip R Kemmerly, PhD., Austin Peay State University, Clarksville, TN, *Predicting Karst Hazards Using Indicator Geostatistics.*

9:00 Marcio H. R. Sales, Masters/PhD Student*, University of California, Santa Barbara; Carlos M. Souza Jr., Senior Researcher, Instituto do Homem e do Meio Ambiente da Amazonia - IMAZON; Phaedon C. Kyriakidis, Associate Professor, University of California, Santa Barbara; Anderson Costa, Researcher, Empresa Brasileira de Pesquisa Agropecuaria - EMBRAPA, *Geostatistical downscaling of MODIS imagery.*

9:20 Gustavo M Vasques, PhD. Candidate*, Soil and Water Science Department, University of Florida; Sabine Grunwald, Associate Professor, Soil and Water Science, University of Florida; Jinseok Hong, PhD. Candidate, Civil and Coastal Engineering, University of Florida; D B Myers, Post-doctoral Research Associate, Soil and Water Science, University of Florida, *Multi-scale Behavior of Soil Organic Carbon at Nested Locations in Florida.*

2119. Doing land reform: geographers interpret contemporary struggles over land (Sponsored by Africa Specialty Group, Cultural and Political Ecology Specialty Group, Developing Areas Specialty Group)

Room: Capri 106, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Marc Auerbach

CHAIR(S): Marc Auerbach

Panelists: William G. Moseley, Macalester College; Garth Andrew Myers, University of Kansas; Brent McCusker, West Virginia University; Godson C. Obia, Eastern Illinois University; Maano Ramutsindela

2120. Local Government Boundary Change (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Capri 107, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Russell M. Smith, Winston-Salem State University; Michael R. Glass, University of Pittsburgh

CHAIR(S): Russell M. Smith, Winston-Salem State University

8:00 Bryan Grady*, Rutgers University, *Examining "The War of the Princetons": Inside the Failure of the 1996 Consolidation Referendum.*

8:20 Russell Miles Smith, PhD.*, Winston-Salem State University, *Newly Incorporated Municipalities in the United States 1990-2000: Socioeconomic Differences Between NIMs and Cohort Cities.*

8:40 Larry Kleitcher*, Indiana University of Pennsylvania, *A Look at Consolidation in the United States and Canada and the Ramifications.*

9:00 Michael R. Glass, PhD.*, University of Pittsburgh, *Making Space - Stakeholder participation in boundary change initiatives.*

Discussant(s): Ron Johnston, University of Bristol

2124. Geographies of War & Reconstruction I (Sponsored by Political Geography Specialty Group)

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Scott Kirsch, University of North Carolina; Colin Flint, University of Illinois

CHAIR(S): Scott Kirsch, University of North Carolina

Introducer: Scott Kirsch

8:01 Colin Flint*, University of Illinois, *You Have to Kill to be Kind: Towards a Typology of the Spaces of Reconstruction as a Process of Militarized Power.*

8:20 Carl E.R. Grundy-Warr*, National University of Singapore; Karin Dean, Dr, University of Tallin, Estonia, *Forms of (Re)Construction within Conflict: Burma's Fragmented Geo-Body and Alternative Geographical Imaginings of Space, Identity and Politics.*

8:40 James A. Tyner, PhD*, Kent State University, *Genocide as Reconstruction: The Political Geography of Democratic Kampuchea.*

9:00 Gearoid O Tuathail, Virginia Tech University; John V. O'Loughlin*, University of Colorado, *Secessionist Regions as War Outcomes: Eurasian Unrecognized Quasi-States after Kosovo's Independence.*

9:20 Jennifer Hyndman, Professor*, Simon Fraser University; Arno Waizenegger, University of Cologne, *Disaster Diplomacy and Precarious Peace in Aceh.*

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100**2125. Political Geography**

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dragos Simandan, Brock University

8:00 Trent N Williams*, Miami University (OH), *Enclavization and Minority Returns in Kosovo: A case study of Gracanica.*

8:20 William Fleming*, Aberystwyth University, *Icons, Identities and Itineraries: configurations of boundary and mobility within the new U.S. Passport.*

8:40 Paul Benjamin Richardson*, University of Birmingham, *At the Edge of the Nation: The Kuril Islands and the search for national identity in post-Soviet Russia.*

9:00 Jonathan S Taylor, PhD*, Geography Department, California State University, Fullerton, *Notes Toward a Geography of Illegal Drugs.*

9:20 Dragos Simandan, PhD*, Brock University, *An evidence-based mechanistic reconstruction of the spatial politics of affect.*

2126. Is Saying Sorry Enough? Confronting the Enduring Legacies of Settler-state Colonialisms Atrocities against Indigenous Populations I (Sponsored by Ethics, Justice, and Human Rights Specialty Group, Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jay T. Johnson, University of Kansas

CHAIR(S): Renee Pualani Louis, Hawaii Board on Geographic Names

8:00 Jay T. Johnson*, University of Kansas, *Is Saying Sorry Enough? The Search for Truth and Reconciliation.*

8:20 Brian J. Murton*, University of Hawaii, *Crown Apologies in the Treaty of Waitangi Settlement Process: The Turanga/Gisborne Case Book Example.*

8:40 Robert D. Rugg, PhD*, Emeritus Professor, Virginia Commonwealth University, *Economic Cost of Colonization of the Rappahannock Tribe in Virginia.*

9:00 Marv Waterstone*, University of Arizona; Sarah De Leeuw, Queen's University, *A Sorry State: Apology Excepted? Part 1, Theory and Conceptualization.*

9:20 Sarah De Leeuw*, University of Northern British Columbia; Marv Waterstone, University of Arizona, *A Sorry State: Apology Excepted? Part 2, Application.*

2127. Historical geographies of the American South (Sponsored by Study of the American South SG, Historical Geography Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): G. Rebecca Dobbs, University of North Carolina at Chapel Hill

CHAIR(S): LeeAnn Lands, Kennesaw State University

8:00 Adam P. Lewis*, Frostburg State University, *The Blueprint for Appalachia's Coal Company Towns.*

8:20 Thomas Barnett*, University of Texas - Austin, *Life on the Periphery: Land Ownership and Farming Activities among Freedmen in Houston County, Texas, 1865-1910.*

8:40 Taylor E. Mack*, Louisiana Tech University, *Agricultural Change in the Piney Hills of North Central Louisiana, 1945 to the Present.*

9:00 LeeAnn Lands, PhD*, Kennesaw State University, *Southern housing rights movements in the 1960s and 1970s.*

9:20 Patrick D Hagge*, Pennsylvania State University, *The "New Northwest": the Birth of Wal-Mart, Tyson, and the Transformation of Small-Town Economies in Northwest Arkansas from 1960 to the Present.*

2128. Mapping the Census I: Visualization & Computation (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Ningchuan Xiao, The Ohio State University; Kevin Hawley, U.S. Bureau of the Census

CHAIR(S): Ningchuan Xiao, The Ohio State University

8:00 Jonathan Schroeder*, Middlebury College, *Beyond Small Multiples and Animation: Trend Summary Maps of Urban Populations.*

8:20 Bruce A. Ralston*, University of Tennessee, *Free Tools for KML Based Mapping of the Census.*

8:40 Timothy Dolney*, Penn State University - Altoona, *A GIS-Based approach for assessing the severity of Abandoned Mine Lands (AMLs).*

9:00 Cedric Gabathuler, B.S.*, University of Zurich; André Skupin, PhD., San Diego State University; Sara Irina Fabrikant, PhD., University of Zurich, *Web-based Self-Organizing Maps for Exploration of Swiss Census Data.*

9:20 Ningchuan Xiao*, The Ohio State University, *Mapping census undercount in Franklin County, Ohio.*

2129. Visceral Geographies I

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jessica Hayes-Conroy, Pennsylvania State University

CHAIR(S): E. Melanie DuPuis

8:00 John Krygier*, Ohio Wesleyan University, *Autonomic Storms in a Salience Landscape: The Visceral Geographies of Autism.*

8:20 E. Melanie DuPuis*, UC Santa Cruz, *A Place Called Enteria: The Gastro-geopolitics of the Colon.*

8:40 Ryan Edward Galt, PhD*, University of California, Davis, *Farmers' bodies, consumers' bodies: considering environmental/bodily exposures and the strengths and limitations of environmentality in an unequal world.*

9:00 Jessica Hayes-Conroy*, Pennsylvania State University, *Veggies and Visceralities: Towards a Feminist Political Ecology of Nutrition.*

2130. Graduate Research on Gender, Feminisms and Geography I (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Maria Fannin, University of Bristol; Ingrid Nelson, University of Oregon

CHAIR(S): Ingrid Nelson, University of Oregon

8:00 Subhadra Roy*, Queen Mary, University of London, *Home and heart (h): Intersections of gender, education and migration.*

8:20 Milena U Janiec-Grygo*, University of South Florida, *Herself or Her Family? The Meanings of Migrant Women's Income in China.*

8:40 Marina Prieto-Carron, Dr*, University of Portsmouth, *Researching Practices all over the place!: Corporate Social Responsibility and Nicaraguan Women Workers in Global Supply Chains.*

9:00 Nicole Laliberte*, Pennsylvania State University, *Hostile Environments: the challenges for interdisciplinary collaborations.*

9:20 Dezirae M Hood*, Texas Tech University, *The Minangkabau Communities of West Sumatra.*

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100**2131. Spatial modeling of risk, vulnerability, and impacts of natural disasters (Sponsored by Geographic Information Science and Systems Specialty Group)***Room:* Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Sarah Elwood, University of Washington

CHAIR(S): Nazila Merati, NOAA/PMEL

8:00 Wei Liang*, Louisiana State University; Nina Lam, Louisiana State University; Xiaojun Qin, Louisiana State University, *The simulation of different evacuation strategies for regional evacuation.***8:20** Xiaojun Qin*, Louisiana State University; Nina Lam, Louisiana State University; Wei Liang, Louisiana State University, *Using Social Vulnerability-Based Genetic Algorithm to improve CAEP plan for Disaster Evacuation in New Orleans, Louisiana.***8:40** James Kurt Lein, PhD.*, Ohio University; Lyndsey E. Abel, Ohio University, *The Influence of Factor Weighing Strategies on Spatial Vulnerability Assessment.***2132. Tourism and Retirement Migration: Destinations in Transition (I) (Sponsored by Recreation, Tourism, and Sport Specialty Group)***Room:* Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): David Truly, Central Connecticut State University

CHAIR(S): David Truly, Central Connecticut State University

8:00 Edward L. Jackiewicz*, California State University - Northridge; James Craine, California State University, Northridge, *Destination Panama: An Examination of the Retirement, Tourism and Foreign Exchange Nexus.***8:20** Abigail Foulds*, University of Kentucky, *Expatriate Gentrification in the Granada, Nicaragua.***8:40** Alex Schafran, Doctoral Student*, Department of City and Regional Planning, UC Berkeley, *Beyond Chapala and Cancun: Grappling with the Meaning and Impact of American Migration to Mexico.***9:00** Michael Janoschka*, Centre of Social and Human Sciences / Spanish National Research Council, *Community development and political participation of retirement migrants: marks of identities and expressions of difference.***9:20** Mayumi Ono*, University of Tokyo, *Long-stay tourism: Japanese retirees in Southeast Asia.***2133. The Departed and the Left Behind: Migration, Labor, and the Chinese Family I (Sponsored by Developing Areas Specialty Group, Population Specialty Group, China Specialty Group)***Room:* Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Cindy Fan, UCLA; Wenfei Winnie Wang, University of Bristol

CHAIR(S): Tim Oakes, University of Colorado

8:00 Nansheng Bai*, Renmin University of China; Chen Chen, Geography Department, UCLA, *Separating Rural Family in Migration, China.***8:20** Cindy Fan*, UCLA; Wenfei Winnie Wang, University of Bristol, *From "Inside-Outside" to "Outside-Outside": Why do Wives Join their Husbands in Migrant Work?.***8:40** Chen Chuanbo*, Renmin University of China; Shijun Ding, Zhongnan University of Economics and Law, Wuhan, China; Henry Lucas, IDS, University of Sussex, Brighton, UK; Gerald Bloom, IDS, University of Sussex, Brighton, UK; Nansheng Bai, Renmin University of China, *Coming Home: The Return of Migrants Workers with Serious Illness or Injury in Rural Hubei and Sichuan.***9:00** Gregory Veeck*, Western Michigan University; Ann M.Veeck, Western Michigan University; Hongyan Yu, Jilin University, China, *Land, Labor and Livestock Allocations among Mixed Farming/livestock Households in Western Jilin Province, China.*

Discussant(s): Graeme Hugo, University of Adelaide

2134. Emerging Infectious Disease: The role of environmental, built environment, and social risk factors (Sponsored by Spatial Analysis and Modeling Specialty Group, Medical Geography Specialty Group, Geographic Information Science and Systems Specialty Group)*Room:* Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Debarchana Ghosh, University of Minnesota; John DeGroote, University of Northern Iowa

CHAIR(S): Debarchana Ghosh, University of Minnesota

8:00 Marissa Taddie*, University of Utah-Department of Geography; Ikuho Yamada, PhD., University of Utah, *A Space-Time Analysis of the 2007 Cryptosporidiosis Outbreak, Salt Lake County, Utah.***8:20** Debarchana Ghosh*, University of Minnesota; Steven M Manson, Associate Professor, University of Minnesota, *Association of West Nile Virus incidences and urban morphology in the Twin Cities Metropolitan Area of Minnesota.***8:40** Kristopher Kuzera*, San Diego State University, *Temperature change and dengue risk: A study of Aedes aegypti in Thailand using remotely-sensed imagery.***9:00** Rose Eckhardt*, McGill University, *The Dynamics of Climate, Environment and Migration: Modeling malaria risk in Canada.***9:20** John P DeGroote, MS*, University of Northern Iowa; Ramanathan Sugumaran, PhD, University of Northern Iowa; Scott R Larson, MA, University of Northern Iowa, *Identification of West Nile virus disease clusters and environmental drivers and demographic trends using county human disease rates.***2135. Forest Dependant Communities: Perspectives of Change from Oregon to Finland***Room:* Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Juha Kotilainen, University of Joensuu

8:00 Forrest R. Stevens*, University of Florida; Joel Hartter, PhD., University of New Hampshire; Kevin Boston, PhD., Oregon State University, *Sensing Change: Analyzing Land Cover and Forest Dynamics in Wallowa County, Oregon.***8:20** Joel Hartter*, University of New Hampshire; Forrest R. Stevens, University of Florida; Kevin Boston, Oregon State University, *Impacts of Landscape Change on Forest-Dependent Communities in Wallowa County, Oregon.***8:40** Olli Lehtonen*, University of Joensuu; Markku Tykkyläinen, University of Joensuu, *The future of the forest sector and its employment possibilities in a Finnish remote and sparsely-populated region.***9:00** Juha Kotilainen*, University of Joensuu; Teijo Rytteri, University of Joensuu, *Transnationalized Forest Landscapes of the European North: Forest Use Models in Finland as an Outcome of Local, National and Transnational Influences.*

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100

2136. Insect outbreaks and forest ecosystems: Patterns, causes, and impacts III (Sponsored by Biogeography Specialty Group, Mountain Geography Specialty Group)

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jeffrey Hicke, University of Idaho; Rosemary L. Sherriff, University of Kentucky

CHAIR(S): Rosemary L. Sherriff, University of Kentucky

8:00 Dominik Kulakowski*, Clark University, *The effect of low-severity fires on susceptibility of lodgepole pine to mountain pine beetle attack.*

8:20 Joy Nystrom Mast*, Carthage College; Carol Chambers, Northern Arizona University, *Biogeographical Impacts of Recent Bark Beetle Epidemics on Cavity-Nesting Birds in Arizona.*

8:40 Jeffrey Hicke*, University of Idaho; Eric Pfeifer, University of Idaho; Arjan J.H. Meddens, University of Idaho, *Impacts of Bark Beetle-Caused Tree Mortality on Forest Carbon Stocks.*

9:00 Brian Petersen, PhD Candidate*, University of California, Santa Cruz, *Ecological, Social, and Economic Impacts of a Bark Beetle Outbreak: A Case Study of British Columbia, Canada.*

9:20 Anne le Mellec*, LOEWE - Biodiversität und Klima Forschungszentrum (BiK-F, Center for Biodiversity and Climate Research), Georg-Voigt-Straße 16, Senckenberganlage 25, D-60325 Frankfurt/Main, Germany; Michael Habermann, Northwest German Forest Research Station (NW-FVA), Department B, Forest protection, Grätzelstr. 2, 37079 Göttingen, Germany; Heiko Faust, University of Göttingen, Institute of Geography, Humangeography, Goldschmidtstr. 5, D-37077 Göttingen, Germany; Jerzy Karg, Research Centre for Agricultural and Forest Environment, Polish Academy of Sciences, Field Station Turew, Szkolna 4, PL-4-000 Koscian, Poland; Jolanta Slowik, University of Göttingen, Centre for Nature Conservation (CNC), von Sieboldstrasse 2, 37075 Goettingen, Germany; Katrin Möller, Forest Research Centre Eberswalde (LFE), Alfred-Möller-Str. 1, 16225 Eberswalde, Germany; Ignaczy Korczynski, Poznan University of Life Sciences, Department of Forest Entomology, Ul. Wojska Polskiego 71c, PL-60-637 Poznan, Poland; Timo Krummel, Institute of Geography, University of Göttingen, Landscape Ecology Section, Goldschmidtstr. 5, D-37077 Göttingen, Germany; Tobias Reeh, University of Göttingen, Institute of Geography, Humangeography, Goldschmidtstr. 5, D-37077 Göttingen, Germany; Holger Vogt-Altena, University of Göttingen, Institute of Geography, Landscape Ecology Section, Goldschmidtstr. 5, 37077 Göttingen, Germany; Stefan Erasmí, University of Göttingen, Institute of Geography, Cartography, GIS and Remote Sensing Goldschmidtstr. 5, D-37077 Göttingen, Germany; Annett Reinhardt, University of Göttingen, Institute of Geography, Landscape Ecology Section, Goldschmidtstr. 5, 37077 Göttingen, Germany; Werner Kreisel, University of Göttingen, Institute of Geography, Humangeography, Goldschmidtstr. 5, D-37077 Göttingen, Germany; Hermann Jungkunst, University of Göttingen, Institute of Geography, Landscape Ecology Section, Goldschmidtstr. 5, D-37077 Göttingen, Germany; Gerhard Gerold, University of Göttingen, Institute of Geography, Landscape Ecology Section, Goldschmidtstr. 5, D-37077 Göttingen, Germany; *Promote Insect Outbreak Situations And Alter Forest Ecosystem Functions?.*

2137. Home and Migration: Mobilities, belonging(s) and identities

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): David Ralph, University of Edinburgh; Lynn Staeheli, University of Edinburgh

CHAIR(S): Lynn Staeheli, University of Edinburgh

8:00 David Ralph*, University of Edinburgh, *"Home is where the heart is"? Narratives of migration and home among Irish-born return migrants from the United States.*

8:20 Sergei Shubin*, University of Aberdeen, *Mobile "homes": exploring belonging of Scottish/Gypsy Travellers.*

8:40 Adina Batnitzky*, University of Texas-Austin; Linda McDowell, University of Oxford, School of Geography; Sarah Dyer, University of Oxford, School of Geography, *Remittances and the Maintenance of Multiple Spatial Attachments: The Transnational Working Lives of Migrants in Greater London.*

9:00 Violetta Parutis*, University College London, *'At Home' in Migration: The Social Practices of Constructing Home among Polish and Lithuanian Migrants in London.*

Discussant(s): Caroline Nagel, University of South Carolina

2138. Labour geographies in the public sector (Sponsored by Economic Geography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): David Christoffer Lier, Norwegian Institute for Urban and Regional Research

CHAIR(S): David Christoffer Lier, Norwegian Institute for Urban and Regional Research

8:00 Suzanne Elizabeth Mills*, Sir Wilfred Grenfell College, Memorial University; Tyler McCreary, York University, *Public sector union engagement with Aboriginal peoples in Canada.*

8:20 Nari Rhee, PhD*, UC Berkeley, *Organizing Privatized Labor: Public Services Unionism in the "Care" Industries.*

8:40 Giselle Valarezo*, Queen's University, *The Canadian Foreign Work Program: Validated by Neoliberal Discourse.*

9:00 Colleen McTague, PhD*, University of Cincinnati, *Life in the shadows: formal day labor in Cincinnati, Ohio.*

Discussant(s): Steven Tufts, York University

2139. Effects of Geography on Diet and Health

Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Elitsa Peneva-Reed, University of South Carolina

8:00 Karen L Hunter, MSc*, Department of Geography, University of Victoria; Aleck Ostry, MA, MSc, PhD, Assoc. Prof., CRC and Sen. Schol. MSHRC, Faculty of Social Sciences, University of Victoria, *Linking Nutritional Health and Fish Supply: The Impacts of "Eat More Fish" Dietary Advice on Fishery Resources.*

8:20 Peter Gozdyra, MA*, Institute for Clinical Evaluative Sciences; Gillian L Booth, MD, St. Michael's Hospital; Maria I Creatore, MSc, St. Michael's Hospital; James R Dunn, PhD, university of Toronto; Richard H Glazier, MD, Institute for Clinical Evaluative Sciences; Flora I Matheson, PhD, St. Michael's Hospital; Rahim Moineddin, PhD, University of Toronto; Jonathan Weyman, University of Toronto; Heather White, University of Toronto, *Links between Residential Characteristics and Type-2 Diabetes.*

8:40 Samuel Adu-Prah*, Southern Illinois University; Tonny Oyana, Associate Professor, Southern Illinois University, *Analysis of geographic clusters and disparities in childhood and adolescent obesity in the United States.*

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100

- 9:00** Vienne Vu*, California State University, Fullerton, *The Changing Foodways of Vietnamese Americans in Orange County, California*.
- 9:20** Elitsa I Peneva-Reed*, University of South Carolina; Monica G Fisher, Centre for International Forestry Research (CIFOR); Janaka A De Silva, International Union for Conservation of Nature (IUCN), *Do local people benefit from shrimp farm development? A case study from Krabi province, Thailand*.
- 2140. Market-Oriented Conservation Governance: Trick or Treat? Session 1 (Sponsored by Cultural and Political Ecology Specialty Group)**
- Room:* Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)
- ORGANIZER(S): Robin Roth, York University; Wolfram Dressler, University of Queensland
- CHAIR(S): Robin Roth, York University
- 8:00** Pamela D. McElwee*, Arizona State University, *Payments for Environmental Services in Vietnam: How a Formerly Socialist Country Became a Market Free-for-All in Biodiversity Conservation*.
- 8:20** Bram Büscher*, Institute of Social Studies; Wolfram Dressler, University of Queensland, *Commodity Conservation. The Restructuring of Community Conservation in South Africa and the Philippines*.
- 8:40** Kate Skaggs*, College of Charleston; Patrick T. Hurley, Ursinus College; Annette Watson, College of Charleston, *Implications of emerging Neoliberal Politics on Conservation Governance in the SC Lowcountry*.
- 9:00** Elizabeth N. Shapiro*, University of California, Berkeley, *Can the Rural Poor Make a Buck Off Climate Change? The Case of the Mexican National Payment for Ecosystem Services Programs*.
- Discussant(s): Scott Prudham, University of Toronto
- 2142. Geographies of the gift: obligation, gratitude, and exchange (Sponsored by Economic Geography Specialty Group, Cultural Geography Specialty Group)**
- Room:* Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor (Paper Session)
- ORGANIZER(S): Chris McMorran, University of Colorado; Emily Yeh, University of Colorado
- CHAIR(S): Emily Yeh, University of Colorado
- 8:00** Jesse Proudfoot, PhD. Candidate*, Simon Fraser University, *The Politics of the Gift: Panhandling and the "Obligation to Reciprocate"*.
- 8:20** Emily T Yeh*, University of Colorado, *Development as gift: The new socialist countryside and indebtedness engineering in Tibet*.
- 8:40** Claire Elaine Rasmussen*, University of Delaware, *Governance and the Gift: Family, the State and Responsibility*.
- 9:00** Chris McMorran*, University of Colorado, *The gift of work: labor, gift-giving, and ethnography in Japan*.
- Discussant(s): Nathan F. Sayre, University of California, Berkeley
- 2143. Geographies of Canada I: The Urban Experience (Sponsored by Urban Geography Specialty Group, Canadian Studies Specialty Group)**
- Room:* North Hall N101, Las Vegas Convention Center (Paper Session)
- ORGANIZER(S): David Robertson, State University of New York, Geneseo
- CHAIR(S): David Robertson, State University of New York, Geneseo
- 8:00** Sebastien Breau*, McGill University; Kenyon C Bolton, McGill University, *On the Nature and Causes of Inequality in Canadian Metropolitan Areas*.
- 8:20** Jill L Grant, FCIP LPP*, Dalhousie University; Blake Laven, Dalhousie University, *How private streets affect connectivity: developing new measures*.
- 8:40** Sally Elizabeth Turner*, University of Toronto, *Taking the 'social' out of social housing: The case of York Region, Ontario*.
- 9:00** Sarah-Patricia W. Breen, MA Candidate*, Memorial University; Kelly Vodden, PhD Candidate, Memorial University, *Relationship Mapping as a tool for understanding and planning in functional regions*.
- 9:20** Kelly Vodden*, Memorial University, *Understanding Canada's Rural-Urban Footprint*.
- 2144. Learning Communities in Geography (Sponsored by Geography Education Specialty Group, Ethnic Geography Specialty Group)**
- Room:* North Hall N102, Las Vegas Convention Center (Paper Session)
- ORGANIZER(S): Brandon J. Vogt, University of Colorado Colorado Springs
- CHAIR(S): Brandon J. Vogt, University of Colorado Colorado Springs
- 8:00** Brandon J. Vogt, PhD*, University of Colorado Colorado Springs; Steven Jennings*, University of Colorado, *Measuring the Success of a New Physical Geography-Based Learning Community*.
- 8:20** Tracy Edwards*, Frostburg State University, *The Environment and a Green Society*.
- 8:40** Ibipo Johnston-Anumonwo*, SUNY Cortland; Wendy E Miller, SUNY Cortland, *The TechFirst Learning Community: A Successful Recruitment Program at SUNY Cortland*.
- 9:00** Emily Skop*, The University of Colorado, Colorado Springs, *Creating Fieldtrip-Based Learning Communities*.
- 2145. Water, science, humans: advancing the hydrosocial cycle I (Sponsored by Cultural and Political Ecology Specialty Group)**
- Room:* North Hall N103, Las Vegas Convention Center (Paper Session)
- ORGANIZER(S): Jessica Budds, The Open University; Jamie Linton, Queen's University
- CHAIR(S): Jessica Budds, The Open University
- Introducer: Jessica Budds
- 8:20** Katharine Meehan*, University of Arizona, *Toward a spatial analytic of institutions: The Tijuana water cycle*.
- 8:40** Hug March*, Geography Department. Universitat Autònoma de Barcelona.; David Saurí, Geography Department. Universitat Autònoma de Barcelona, *Rainwater and Recycled water: Re-imagining the hydrosocial cycle in Metropolitan Barcelona*.
- 9:00** Suzanne Dallman, PhD*, California State University - Long Beach, *Urban Runoff and the Hydrosocial Cycle: from Asset to Liability and Back Again*.
- 9:20** Chad Staddon*, University of the West of England, *The Social Life of a Water Meter*.

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100**2146. Beaches, Waterfronts and Barrier Islands**

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Grilliot, Western Washington University

8:00 Junior Darsan, Phd Candidate*, U.W.I. Mona Jamaica, *Tidal Cycles and Beach Dynamics at Cocos Bay (Manzanilla) on the Eastern Coast of Trinidad, West Indies.*

8:20 Laurel Kellner, MS Candidate*, Oregon State University; Gilbert Sylvia, PhD., Superintendent, Coastal Oregon Marine Experiment Station, *Waterfront evolution; Investigating change on Newport's Bayfront.*

8:40 Michael J Grilliot, Graduate Student*, Western Washington University; Thomas A. Terich, PhD., Western Washington University, *Higher Seas and Sandy Beach Transgressions: A Study in Northern Puget Sound, WA.*

2147. Spaces of Development and Globalization in South Korea

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Bae-Gyoon Park, Seoul National University

CHAIR(S): Bae-Gyoon Park, Seoul National University

8:00 Young Jin Choi*, Seoul National University, *The Role of Transnational Networks in the Growth of Exportism as a Mode of Regulation in South Korea.*

8:20 Dong-Wan Kim*, Seoul National University, *Region building in the developmental state : Competition and coalition between "top-down" and "bottom-up" regionalism in South Korea.*

8:40 Seung Ook Lee*, The Ohio State University, *Interpreting post-crisis capitalism in South Korea: a critical approach to regulation theory.*

9:00 Bae-Gyoon Park*, Seoul National University; Min-Kyung Goh, Graduate Student, Seoul National University, *The Rise of a Transnational Place and the Globalization of Seoul: Place-rooted Transnational Immigrants in Itaewon.*

9:20 Moonsoo Jung, Graduate School of Environmental Studies, Seoul National University; Moonsoo Jung*, GSES Seoul National University, *Representational Space and Cultural Hybridity- Landscape Research of Seoul Yanbian Chinese-Korean Town.*

2148. Alternative Fuels and Vehicles (Sponsored by Energy and Environment Specialty Group, Transportation Geography Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Michael Kuby, Arizona State University;

Timothy Lawrence Johnson, U.S. EPA

CHAIR(S): Michael Kuby, Arizona State University

8:00 Michael Kuby*, Arizona State University, *An Alternative-Fuels Primer for State and Local Decision-Makers.*

8:20 Budhendra Bhaduri*, Oak Ridge National Laboratory; Cheng Liu, Oak Ridge National Laboratory; James J. Nutaro, Oak Ridge National Laboratory, *Developing a Knowledge Discovery Framework for Evaluating Alternative Transportation Energy Scenarios.*

8:40 Timothy Lawrence Johnson, PhD.*, U.S. EPA; Julia A. Gamas, PhD., U.S. EPA, *A Comparison of Centralized versus Distributed Biofuel Production from Corn Stover.*

9:00 Christopher Upchurch*, University of South Carolina; Michael Kuby, Arizona State University, *A Comparison of Models for the Location of Alternative-Fuel Fueling Stations.*

9:20 Jong-Geun Kim*, Arizona State University; Michael Kuby, Arizona State University, *Integration of Alternative-fuel Vehicle Demands and Trip Volumes.*

2149. Bio-environmental Remote Sensing - I (Sponsored by Remote Sensing Specialty Group)

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Cuizhen Wang, University of Missouri

CHAIR(S): Cuizhen Wang, University of Missouri

8:00 Ryan Engstrom*, George Washington University; Eric Ashcroft, George Washington University, *Mapping Percent Shrub Cover across the North Slope of Alaska Using MODIS Data.*

8:20 Jesslyn F Brown*, USGS; Brian Wardlow, NDMC-UNL; Tsegaye Tadesse, NDMC-UNL; Karin Callahan, NDMC-UNL; Shahriar Pervez, SGT, contractor to the USGS, *Monitoring Recent Drought Effects on Corn Yields across the Corn Belt with the Vegetation Drought Response Index.*

8:40 Miguel Villarreal*, University of Arizona; Willem Van Leeuwen, PhD, University of Arizona; Raul Romo Leon, University of Arizona, *Mapping and Monitoring Change in Riparian Vegetation Structure and Pattern Using Landsat TM Satellite Imagery.*

9:00 Jason Yang*, Ball State University; Francisco J Artigas, New Jersey Meadowlands Environmental Research Institute, *Salt marsh vegetation mapping using hyperspectral and LiDAR remote sensing.*

2150. Geographies of Waste and Disposal 1: Governance of Waste Management and Waste-Related Behaviors (Sponsored by Socialist and Critical Geography Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Risa C. Whitson, Ohio University; Kate

Parizeau, University of Toronto

CHAIR(S): Kate Parizeau, University of Toronto

8:00 Joshua Reno*, Univeristy of London - Goldsmiths, *Waste Away: Demonstrative Technology and the Future of Waste Management in the United Kingdom.*

8:20 Frances Fahy*, National University of Ireland, Galway, *The Celtic Tiger's Litter: Responsibility and Sustainable Waste Management in Ireland.*

8:40 Daniel Runfola*, Clark University; Katherine Hankins, Georgia State University, *Trash, Abandonment, and Procedural Injustice in the Urban Environment.*

9:00 Claire Cutforth*, BRASS, Cardiff University & Cardiff Council Waste Management, *Formal and informal waste minimisation behaviour.*

Discussant(s): Virginia Maclaren, University of Toronto

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100**2151. Conservation and Land-use change in Asia and Africa**

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): WAFO TABOPDA Gervais

8:00 Herrold-Menzies Melinda, PhD.*, Pitzer College, The Claremont Colleges, *Spies in the Park or Post-Soviet Saviors? Crane Conservation and Community Development in the Russian Far East.*

8:20 Alex Zvoleff*, San Diego State University; Li An, PhD., San Diego State University, *Exploring Land Use Change in Southern Nepal Using an Agent-based Model.*

8:40 Sanchayeeta Adhikari*, University of Florida, *Application of Object-based classification method in Land-Use and Land-Cover Change Studies: Bannerghatta National Park, India.*

9:00 Nathan Johnson Zukas*, Michigan State University, *Backpacker tourism and its environmental impacts in the absence of planning on Koh Tao, Thailand.*

9:20 Wafo Tabopda Gervais*, US 140 ESPACE IRD- FRANCE; Kenji OSE, US 140 ESPACE IRD FRANCE, *Protected areas from the Far North of Cameroon between conservation policies and local activities.*

2152. Urbanization, Development, and Planning I: Local Scale Patterns, Process and Trends (Sponsored by Regional Development and Planning Specialty Group)

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg University; Sudhir K. Thakur, California State University Sacramento

CHAIR(S): Christian Tettey, Trent University

8:00 John E. Benhart*, Shippensburg University, *Collier County, Florida: A Regional Development and Land Use Assessment.*

8:20 Debnath Mookherjee, Professor*, Western Washington University, *Urban Growth and Development: Bellingham, Washington Revisited.*

8:40 George M. Pomeroy*, Shippensburg University, *University and Local Government Collaboration in Land Use Planning: The Case of Shippensburg University.*

9:00 Christopher Cusack*, Keene State College, *Undergraduates in Action: Students and the Participatory Planning Process in Keene, New Hampshire.*

9:20 Samuel Thompson*, Western Illinois University, *Small Towns and Immigrant Population: What are the Challenges for Planners?.*

2153. The 'New Urban Politics' Two Decades On, I: Urban Politics, States, and Shadow States

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Martin R. Jones, University of Wales,

Aberystwyth; Gordon MacLeod, University of Durham

CHAIR(S): Gordon MacLeod, University of Durham

Introducer: Gordon MacLeod

8:02 Harold Alan Perkins, PhD.*, Ohio University, *Out of the (Green) Shadow? Voluntarisms and neoliberalizing urban environmental governance.*

8:22 Dan Trudeau*, Macalester College, *Towards a Relational View of the Shadow State.*

8:42 Crispian Fuller*, Aston University; Mike Geddes*, University of Warwick, UK, *The urban state at the beginning of the 21st century: reflects on the importance of 'new urban politics' in understanding urban neoliberalism.*

9:02 Martin R. Jones*, University of Wales, Aberystwyth, *'Impedimenta State': Territorial Noncorrespondence and the Crisis of Economic Governance.*

2154. Geographies of Art 1: Landscapes of Inhabitation and Experience

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Harriet Hawkins

CHAIR(S): Harriet Hawkins

8:00 Melinda Alexander*, Arizona State University, *Conceptions of Home in Refugee Art.*

8:20 Amy Honchell, MFA*, School of the Art Institute of Chicago, *All Borders are Dangerous: Personal Geographies and Installation Art.*

8:40 Lou Cabeen*, University of Washington, *Cartographies of Experience: New Art Works.*

9:00 Kevin John Hunt, Dr*, Nottingham Trent University, Ark: *Road Vines by John Newling: Place, Provenance and the Politics of Soil.*

Discussant(s): Harriet Hawkins

2155. Young Emotions: Childhood, Youth and the Currency of Emotion (Sponsored by Cultural Geography Specialty Group, Taylor and Francis)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Elizabeth A Gagen, University of Hull

CHAIR(S): Elizabeth A Gagen, University of Hull

8:00 Elizabeth A Gagen*, University of Hull, *Schooling Emotions: Childhood, Youth and the New Emotional Culture of Education.*

8:20 Andrea S Wheeler, Dr*, The University of Nottingham, *Building with the emotions.*

8:40 Dominic Abbenante*, San Diego State University, *Children of Poverty: Escape through Performance.*

9:00 Morgan McKibben*, University of Oklahoma Geography Master's Student, *Who Cares about (and for) an orphanage in Cusco?.*

Discussant(s): Caitlin Cahill, University of Utah

MONDAY, MARCH 23 • 8:00 AM - 9:40 AM • 2100**2156. Advances in Paleoclimatology: Moisture Changes through Time and their Impacts I (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)***Room:* North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Andrea Brunelle, University of Utah; Kurt F. Kipfmüller, University of Minnesota

CHAIR(S): Kurt F. Kipfmüller, University of Minnesota

8:00 Amy Hessel, PhD*, West Virginia University; Peter Brown, Rocky Mountain Tree Ring Laboratory; Stockton Maxwell, West Virginia University; Baatarbileg Nachin, National University of Mongolia; Neil Pederson, Eastern Kentucky University; Tom Saladyga, West Virginia University, *Fire, Climate, and Land Use in Mongolia: 400+ Years of Change*.

8:20 Megan K Walsh*, University of Oregon; Cathy Whitlock, PhD, Montana State University; Patrick J Bartlein, PhD, University of Oregon, *Climatic variability and the fire and vegetation history of the Pacific Northwest during the last 2000 years*.

8:40 Andrea Brunelle, PhD*, University of Utah; Thomas Minckley, PhD., University of Wyoming; Shawn Blissett, University of Utah; Brenda Guzman, Universidad Autonoma de Baja California, *An 8000 Year Fire History of a Southwestern U.S. Desert Wetland*.

9:00 Kurt F. Kipfmüller*, University of Minnesota, *The role of climate in synchronizing fires in the Western United States*.

9:20 Mitchell Power*, University of Utah; Partrick J Bartlein, University of Oregon; Sarah Shafer, United States Geological Survey, *20th Century Drought and Wildfire in the Northern Rocky Mountains, USA*.

2157. Hazards, Tropical Storms and Floods 1*Room:* North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Xuwei Chen, Northern Illinois University

8:00 Lei Wang*, Louisiana State University; Hongxing Liu, Texas A&M University, *Modeling Stormwater Detention Basins for Flood Control*.

8:20 Monalisa Chatterjee*, Rutgers University, *Shifting Urban Vulnerability: A Case of Mumbai*.

8:40 Erin Hughey*, University of South Florida, Department of Geography, *Measuring Disaster Response*.

9:00 Kevin A. Borden*, University of South Carolina, *Incorporating Hazard Impact Measures in Vulnerability Science*.

9:20 Xuwei Chen*, Northern Illinois University, *Modeling and Simulation of Staged Evacuations: A Case Study of Hurricane Evacuations of Galveston Island*.

2158. Media Geography I: Engaging Media Geography (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)*Room:* North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Giorgio Hadi Curti, San Diego State University; James Craine, California State University Northridge

CHAIR(S): David J. Nemeth, University of Toledo

8:00 Charles Bartlett Travis*, Trinity College Dublin; Tim Long, Canterbury Christ University, *A Relay of Joy: cybernetic assemblies; non-representational theory and embodied media geographies*.

8:20 David J. Nemeth, PhD*, University of Toledo, *100 Geographies of Deceit: No. 70 (the Audioscammer)*.

8:40 Donald J. Zeigler*, Old Dominion University, *Teleology Alive! The Case of Christian Media in Geography Instruction*.

9:00 Demian Hommel*, University of Oregon Dept of Geography, *Placing risk: crisis and the role of the news media in late-modern Southeast Asia*.

2159. World Cities and Global Production Networks 1 (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)*Room:* North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Alain Thierstein, Munich University of Technology; Ben Derudder, Ghent University

CHAIR(S): Stefan Lüthi, Munich University of Technology

8:00 Markus Hesse*, University of Luxembourg, *A micro-metropolis in the global network of flows: the case of Luxembourg and "Cargolux"*.

8:20 Peter J Taylor, Loughborough University; Pengfei Ni, Chinese Academy of Social Sciences; Ben Derudder*, Ghent University; Michael Hoyler, Loughborough University; Jin Huang, Beijing University of Post and Telecommunication; Fengyong Lv, Chinese Academy of Social Sciences; Kathy Pain, Loughborough University; Frank J Witlox*, Ghent University; Xiaolan Yang, Beijing University of Post and Telecommunication, *Pathways of Growth and Decline: Connectivity Changes in the World City Network, 2000-2008*.

8:40 Stefan Lüthi*, Munich University of Technology; Alain Thierstein*, Munich University of Technology, *Interlocking firm networks and the emerging knowledge economy - A new geography of Mega-City Regions in Germany*.

9:00 Celine Rozenblat*, Université De Lausanne, *Positions of World cities in the networks of multinational firms and sectorial organizational patterns in 2007*.

MONDAY, MARCH 23 • 10:10 AM - 11:50 AM • 2200**2201. Understanding and Modeling LULCC and Urban Growth**

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Hongxing Liu, Texas A&M University

10:10 Nyalydazi Batisani*, *Land use dynamics, climate variability, and food security: The political ecology of The Great Gaborone area, Botswana.*

10:30 Tika Adhikari*, Department of Geography, University of Iowa; David A Bennett, Department of Geography, University of Iowa, *Land Allocation for Conflicting Objective Optimization Using Evolutionary Algorithm.*

10:50 Sara J. Johnson*, Southern Illinois University; Tonny Oyana, Associate Professor, Southern Illinois University, *Evaluation of Land Change Modeler for the Ecological Analysis of Landscape Composition.*

11:10 Gargi Chaudhuri*, Grad student; Keith C. Clarke, Professor, *Transportation As A Determinant of Landuse Change Over Time.*

11:30 Hongxing Liu*, Texas A&M University; Bailang Yu, Texas A&M University, *Conceptual framework and numerical algorithms for object-based analysis of urban growth pattern.*

2202. Tourism and the Urban Realm: Utopian Communities or Spheres of Exclusivity (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Dimitri Ioannides, Missouri State University

CHAIR(S): Dimitri Ioannides, Missouri State University

10:10 Dimitri Ioannides, Professor*, ETOUR and Mid-Sweden University, *A new form of urbanization: Tourism leisure Cities.*

10:30 Daniel C. Knudsen*, Indiana University; Charles E. Greer, Indiana University, *Beautiful Copenhagen: Tourism, Nationality and the Danish Landscape Aesthetic.*

10:50 Anne K. Soper*, George Mason University; Alan A. Lew*, Northern Arizona University, *Las Vegas and Dubai: Desert Icons of the New Urban Politics.*

Discussant(s): Theano S. Terkenli, University of the Aegean; Wesley S. Roehl, Temple University

2204. The National Land Change Community Model: a Framework and Resources for Regional Land-Change Modeling

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Peter Claggett, United States Geological Survey

CHAIR(S): Peter Claggett, United States Geological Survey

10:10 Peter Revere Claggett*, United States Geological Survey, *The Components of a National Land Change Community Model.*

10:30 David I Donato, Computer Scientist*, United States Geological Survey, *Community-Based Support for Integrating Land-Change, Environmental, and Socio-Economic Models.*

10:50 Frederick M Irani*, DOI/US Geological Survey, *Land Cover Maps and Change Metrics for the Chesapeake Bay Watershed, 1984 - 2006.*

2205. Near and Far: The Future of Local and Long-Distance Economic Relationships

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Harald Bathelt, University of Toronto; Michael Storper, London School of Economics

CHAIR(S): Michael Storper, London School of Economics

10:10 Alain Rallet*, University of Paris South; André Torre, INRA Paris, *Temporary Geographical Proximity for Business and Work Coordination: When, How and Where?.*

10:30 Harald Bathelt*, University of Toronto; Rachael Gibson*, *Processes of Specialization and Diffusion Across Capitalist Varieties and the Role of International Trade Fairs.*

10:50 Meric S. Gertler*, University of Toronto, *Complex Geographies of Biomedical Innovation.*

11:10 Peter Maskell*, DRUID/CBS; Anders Malmberg*, Uppsala University, *Localized Learning and Long-Distance Relationships.*

Discussant(s): Michael Storper, London School of Economics

2206. Anarchism, Autonomia, and the Spatialities of Revolutionary Politics and Theory 2 (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)

Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Nathan Lee Clough, University of Minnesota; Renata Blumberg, University of Minnesota

CHAIR(S): Nathan Lee Clough, University of Minnesota

10:10 Stevphen Shukaitis*, University of London, Queen Mary, *Autonomy, Self-Organization, and the Spatial Composition of the Social Imaginary.*

10:30 Harlan Morehouse*, University of Minnesota, *Resistance and the Body In Time.*

10:50 Brian Marks*, University of Arizona, *The 'In the Middle of A Whirlwind' Journal and Autonomist theory and practice in the present crisis.*

11:10 Brian Patrick Emerson, Doctoral Student*, Univ. California Santa Cruz Environmental Studies Dept.; Joanna Adamiak, Doctoral Student, York University, Faculty of Environmental Studies, *The "Newest" Agrarian Question(s): Anarchist Methodologies for Understanding Transnational Agrarian Movements (TAMs).*

11:30 Anthony Ince*, Queen Mary, University of London, *Ruptures in the Mundane: Anarchist Visions of Everyday Life.*

2207. Spatial Strategies of Indigenous Resistance II - Urban Contexts (Sponsored by Urban Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Laura Smith, Macalester College

10:10 Émilie Ruffin*, Université Laval - CIEQ - DIALOG - Planners Network, *Urban and residential planning of Aboriginal communities in Quebec considered as spatial resistance.*

10:30 Andy Hilburn*, The University of Kansas, *Municipal Solid Waste Management in Rural Indigenous Communities in Southern Mexico.*

10:50 Arnon Ben Israel*, Department of Geography, Ben-Gurion University, Israel; Avinoam Meir, Department of Geography, Ben-Gurion University, Israel, *Sense of place naming in the Bedouin Town of Hura - Trends in Bedouins' spatiality in the Israeli Negev.*

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11:10 RDK Herman*, National Museum of the American Indian, *Guardian Stones: Mapping Meaning in Nu'uanu, Hawai'i*.

Discussant(s): Soren Larsen, University of Missouri

2208. Geographic research in the new carbon economy: critical perspectives on our 'footprint' (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: *Royale Pavilion 3, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Eric Compas, University of Wisconsin-Whitewater; Maxwell Boykoff, University of Oxford
 CHAIR(S): Eric Compas, University of Wisconsin-Whitewater
 Panelists: Diana M. Liverman, University of Arizona/Oxford University; Susanne E. Freidberg, Dartmouth College; David Hassenzehl, University of Nevada, Las Vegas; Ryan Edward Galt, University of California, Davis

2209. Whither Central and Eastern Europe? Contemporary dynamics in an elusive region II (Sponsored by Russian, Central Eurasian, and East European Specialty Group, European Specialty Group, Political Geography Specialty Group)

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Corey Johnson, University of North Carolina - Greensboro; Francis Harvey, University of Minnesota - Minneapolis
 CHAIR(S): Corey Johnson, University of North Carolina - Greensboro
10:10 Tomasz Komornicki*, Institute of Geography and Spatial Organization Polish Academy of Sciences, *Re-introducing of hard border regime - the case of Polish Eastern boundary*.
10:30 Jerzy Banski*, Maria Curie-Skłodowska University, *What effect has the state border on directions of socio-economic development in Lublin province (Poland)?*.
10:50 Mark T Burnett, PhD.*, Mount Royal College, *The Elusive Search for Slovak National Identity in the Dynamic Post Socialist Context*.
 Discussant(s): Corey Johnson, University of North Carolina - Greensboro

2210. Trails in the 21st Century

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): John V. Ward, University of Wisconsin-Parkside
 CHAIR(S): John V. Ward, University of Wisconsin-Parkside
10:10 John V. Ward, PhD.*, University of Wisconsin-Parkside; Nancy B. Hultquist, PhD., Central Washington University, *Rails and Trails on the Milwaukee Road: A State Level Model for Rail Banking and Trail Preservation in Washington*.
10:30 Nancy Brannen Hultquist, PhD.*, Central Washington University; John V. Ward, PhD., University of Wisconsin-Parkside, *Contemporary Trail Use of The Milwaukee (Rail) Road in Washington State*.
10:50 Ralph K. Allen, PhD*, McKay Health and Rehabilitation Center; Nancy Hultquist, PhD, Dept. of Geography Central Washington University, *Prospective for Rail-Trail Use In Northeastern Washington*.
11:10 Wendy Miller, PhD.*, SUNY Cortland, *The Effectiveness of Trail Markers: Evidence from a Mental Mapping Exercise*.
 Discussant(s): John V. Ward, University of Wisconsin-Parkside

2211. Conservation, Materiality and Practice

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Kathryn Pratt, University of Minnesota
 CHAIR(S): Kathryn Pratt, University of Minnesota
10:10 Laura Zanolli*, University of Washington, *Conservation and the Everyday life of Partnerships*.
10:30 Ari Jokinen*, *Epistemic and Participatory Practices Mediated by the Focal Animal in Nature Conservation*.
10:50 Benjamin Neimark*, Rutgers University, *The proliferation of biodiversity conservation hotspots and the politics of enframing*.
11:10 Kathryn Pratt*, University of Minnesota, *Conservation as Dwelling*.
 Discussant(s): Jamie Lorimer, Kings College London

2212. Forum on Academic Publishing

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Scott Prudham, University of Toronto; Deborah Cowen, University of Toronto
 CHAIR(S): Scott Prudham, University of Toronto
 Introducer: Scott Prudham
 Panelists: Harald Bauder, Ryerson University; Wendy Lerner, University of Bristol; Audrey L. Kobayashi, Queen's University; Amy Siciliano, UW Madison

2213. Economic Development Policy and Planning in Europe and Siberia

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Mirela I. Newman, Southern Connecticut State University
10:10 Katariina Ala-Rämi*, University of Oulu; Jussi Jauhiainen, University of Oulu, *Does Location Still Matter for Software Companies? Case of Northern Finland*.
10:30 Istvan Egresi*, University of Nebraska at Omaha, *Globalization and the Transformation of the Romanian Retail Sector*.
10:50 Tatiana Serebriakova, PhD.*, University of Connecticut, Hartford Branch; Yuri V. Petrov, Department of Siberian Analytical Centre; Victor A. Osipov, Ph. D., Department of Economic Geography, Tyumen State University, *Economic Investment Appeal in Tyumen Region, Western Siberia*.
11:10 Mirela I. Newman, Author, Paper Presenter*, Southern Connecticut State University, *The Dutch Approach to Renewing a New Downtown: Planned Revitalization for Almere New City, the Netherlands*.

MONDAY, MARCH 23 • 10:10 AM - 11:50 AM • 2200**2216. Geographic Learning Making a Difference: Considering Results from My Community, Our Earth Regional Programs in the Developing World (Sponsored by Association of American Geographers)***Room: Capri 103, Riviera Hotel, 1st Floor (Panel Session)*

ORGANIZER(S): Patricia Solís, Association of American Geographers

CHAIR(S): Patricia Solís, Association of American Geographers

Panelist(s): Humberto Reyes Hernandez, MyCOE Mentor, Mexico; Blanca Margarita Vazquez Villa, MyCOE Student, Mexico; Matthew T. Koeppe, Association of American Geographers Staff and Workshop Support; Yasser M. Ayad, Clarion University of Pennsylvania, MyCOE Tunisia Workshop Instructor; Aïcha Benimmas, Université De Moncton, MyCOE Evaluator; Shehab Khoury, MyCOE Teacher Participant, Tunisia; Joseph J. Kerski, ESRI, MyCOE Curriculum and Technology Collaborator; Susan Gallagher, Association of American Geographers Staff and MyCOE Philippines Workshop Instructor; Renato Cerdana, Ferris State University, MyCOE Research Contributor; Barbaree Ash Duke, GIS: Y.E.S., MyCOE Online Materials Developer; Esra Ozdenerol, University of Memphis, MyCOE Online Materials Developer; John Aries Tabora, University of Southern Mindanao, MyCOE Master Teacher, Philippines; Peter Ndunda, Green Belt Movement, MyCOE Alumnus from World Summit on Sustainable Development and Africa Collaborator

2217. Species Distribution Modeling Roundtable (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group)*Room: Capri 104, Riviera Hotel, 1st 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

10:10 Jennifer A. Miller*, University of Texas at Austin, *Spatial non-stationarity and the scale of species-environment relationships*.

10:15 Richard J. Aspinall*, The Macaulay Land Use Research Institute, *Empirical limitations on theoretical models for species distribution modelling*.

10:20 Ana Paula Giorgi*, Department of Geography, University of California Los Angeles; Marina Somenzari, Departamento de Zoologia, Universidade de São Paulo, Brazil; Thomas W. Gillespie, Department of Geography, University of California Los Angeles; Luís Fábio Silveira, Departamento de Zoologia, Museu de Zoologia, Universidade de São Paulo, Brazil, *Using Species Distribution Modeling to identify occurrences of *Pyrrhura lepida* (Psittacidae) in the Brazilian Amazon: Support for Species Taxonomic Studies and Conservation*.

10:25 Chris S Duvall*, University of New Mexico, *Sandstone lithology and plant distributions in Mali and New Mexico*.

10:30 Holly Porter-Morgan*, The New York Botanical Garden; Anne Hunter, Lehman College, CUNY and Wave Hill Forest Project, *Exploring Plant-Animal Relationships with Species Distribution Modeling: The Case of *Canarium* (Burseraceae) and Lemurs*.

10:35 Mark R Welford*, Georgia Southern University, *Habitat preference and population density among wintering Hermit Thrushes in SE Georgia*.

10:40 Bryan Chastain*, University of Texas at Dallas; Fernando Mendoza Jara, University of Texas at Dallas; Fang Qiu, University of Texas at Dallas, *A GIS-based simulation model of seed dispersal with mammalian habitat corridors*.

10:45 Tiffany C. Vance*, NOAA/San Francisco State University; Sharon M. Mesick, NOAA/NCDDC; Deborah Reusser, USGS Western Fisheries Research Center, *HabitatSpace - Describing Three-Dimensional Marine Essential Fish Habitat*.

10:50 Lilia Illes*, University of California, Los Angeles, *Implications of Land Use Change For Primate Persistence And Abundance In Fragmented Habitats*.

2218. Goode's World Atlas: Historical and Contemporary Perspectives*Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)*

ORGANIZER(S): Susanna A. McMaster, University of Minnesota, Geography Department; Howard Veregin, Rand McNally

CHAIR(S): Howard Veregin, Rand McNally

10:10 Robert B. McMaster*, University of Minnesota - Twin Cities; Susanna A. McMaster, University of Minnesota, *John Paul Goode as an Innovator in Geothematic Cartography*.

10:30 Ian Muehlenhaus*, University of Wisconsin-River Falls, *Staying Goode: Cartographic Representation and Design in Goode's World Atlas (1923-2005)*.

10:50 Susan Hudson*, Rand McNally, *Rand McNally's Digital World Database for Goode's World Atlas*.

11:10 Howard Veregin*, Rand McNally, *Goode's World Atlas: Continuity and Change*.

Discussant(s): Francis A. Galgano, Villanova University; Robert W. Christopherson, American River College; Alberto Giordano, Texas State University

2219. Beyond the "Post" and Revisionist Discourses in African Development. Session I: Globalization, Health and Development Discourse in Africa (Sponsored by Africa Specialty Group)*Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)*

ORGANIZER(S): Francis Owusu, Iowa State University; Ezekiel Kalipeni, University of Illinois

CHAIR(S): Ikubolajeh Logan, Penn State

10:10 Peter A.K. Kyem, Dr.*, Central Connecticut State Univ, *The ICT-Development Discourse and Africa's Contentious Engagement with the Global Information Society*.

10:30 Ezekiel Kalipeni*, University of Illinois, *Globalization and the Migration of Health Care Personnel from African Countries during the Post-Independence Era*.

10:50 Francis Owusu*, Iowa State University, *Post-Washington Consensus and Developmental Public Service: A Framework for Public Sector Reform in Africa*.

11:10 Rachel Bezner Kerr*, University of Western Ontario; Paul Mkandawire, University of Western Ontario, *Imaginative Geographies of Gender and HIV/AIDS: Moving Beyond Neoliberalism*.

11:30 Brennan M. Kraxberger*, Christopher Newport University, *State Failure and Under-development in Africa*.

2224. Geographies of War & Reconstruction II (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group)*Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)*

ORGANIZER(S): Scott Kirsch, University of North Carolina; Colin Flint, University of Illinois

CHAIR(S): Colin Flint, University of Illinois

Introducer: Colin Flint

10:11 Erinn Patrick Nicley*, University of Illinois, *War by Other Means: Post-Conflict Reconstruction as Ideological War of Position*.

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10:31 Scott Kirsch*, University of North Carolina, *War and the object lessons of American democracy: Reconstruction as US foreign policy.*

10:50 Trevor J. Barnes*, University of British Columbia, *Edward L. Ullman: man of (inter-)action.*

11:10 Lorraine Dowler*, Penn State University, *Failed State: The United States Failure to Protect Female Soldiers.*

11:30 John Morrissey*, City University of New York, *Rhetorics of Risk and Reconstruction: US Geoeconomic Calculation and the Long War of Securitization in the Persian Gulf.*

2225. Greening Campuses

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Robert Brinkmann, University of South Florida

CHAIR(S): Christopher Badurek, Appalachian State University

10:10 Robert J. Mason*, Temple University, *Campus Sustainability's Bottom Lines.*

10:20 James S. Kus*, California State University - Fresno, *The Greening of Fresno State.*

10:30 James L. Mulvihill, PhD*, California State University - San Bernardino, *"How Green Was My Campus." Establishing Baselines for Research.*

10:40 Robert Brinkmann*, University of South Florida, *Sustainability Efforts on a Subtropical Campus.*

10:50 Douglas Richardson*, Association of American Geographers, *"Sustainable Greening" Initiatives at the AAG.*

Discussant(s): Christopher Badurek, Appalachian State University; Charles Mahaffey, Augustana College; Charles E. Button, Central Connecticut State University

2226. Is Saying Sorry Enough? Confronting the Enduring Legacies of Settler-state Colonialisms' Atrocities against Indigenous Populations II (Sponsored by Ethics, Justice, and Human Rights Specialty Group, Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jay T. Johnson, University of Kansas

CHAIR(S): Jay T. Johnson, University of Kansas

10:10 Anne Godlewska, PhD*, Queens University; Jackie Moore, ATEP Queen's University; Drew Bednasek, Queen's University, *Uneducating Canadians About Aboriginal Peoples.*

10:30 Lisa L. Binkley*, Queen's University, *Geographies of Exception: Aboriginal Peoples and the Quebec Education System.*

Discussant(s): Jay T. Johnson, University of Kansas; Brian J. Murton, University of Hawaii; Sarah De Leeuw, Queen's University; Anne Godlewska, Queens University; Robert D. Rugg, Marv Waterstone, University of Arizona

2227. Community Assets and Inequalities: Food, Health, and Public Responses (Sponsored by Medical Geography Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Daniel R. Block, Chicago State University; Jennifer Black, University of British Columbia

CHAIR(S): Daniel R. Block, Chicago State University

10:10 Babette Audant*, CUNY Graduate Center, *"Affordable, Adequate and Safe Supply": New York City's Public Markets in the Early 20th Century.*

10:30 Daniel R. Block*, Chicago State University; Angela Odoms-Young, University of Illinois-Chicago; Shannon Zenk, University of Illinois-Chicago; Noel Chavez, University of Illinois-Chicago, *Race, Ethnicity, Income, and Access to Fresh Produce in Store Accepting WIC Coupons in Urban, Suburban, and Rural Illinois.*

10:50 Jennifer Black*, University of British Columbia; Gerry Veenstra, PhD, University of British Columbia, *Examining the intersecting roles of gender, race, class, neighborhood context and food availability to predict self-rated health, diabetes and obesity in the neighborhoods of Toronto and New York City.*

11:10 Lindsay Withers*, The George Washington University, *Community Health Center Use and Awareness Among the Washington D.C. Area Hispanic and Latino Foreign-Born Population.*

Discussant(s): Elizabeth Chacko, The George Washington University

2228. Mapping the Census II: Delineation & Interpolation (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Ningchuan Xiao, The Ohio State University; Kevin Hawley, U.S. Bureau of the Census

CHAIR(S): Kevin Hawley, U.S. Bureau of the Census

10:10 Kevin Hawley*, U.S. Bureau of the Census, *Urban Area Delineation at the Census Bureau and Potential Changes for 2010.*

10:30 Kathryn M Kulbicki, M.A. M.S.A.*, Westat; Bryce R Johnson, M.S., Westat, *Describing Invisible Boundaries and their Treatment in Delineating Visibly Bounded Geographies.*

10:50 Gang Gong*, Sam Houston State University, *Population interpolation over changed boundaries.*

11:10 Michael Babb*, University of Washington, *US Census Data, Imputation of Race, and Diversity: An unexplored Geography?.*

11:30 Robert G. Cromley*, University of Connecticut; Dean M. Hanink, University of Connecticut; Avraham Y. Ebenstein, Harvard University, *Estimating the Components of Population Change for Incongruent Spatial/Temporal Units and Attributes.*

2229. Visceral Geographies II

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jessica Hayes-Conroy, Pennsylvania State University

CHAIR(S): Jessica Hayes-Conroy, Pennsylvania State University

10:10 Naomi Adiv, M.S.*, CUNY Graduate Center, *Beating the Bounds: an exploration of the railroad right-of-way on foot.*

10:30 Bonnie Kaserman*, University of British Columbia, *Partly cloudy with a chance of 'shit-storms': Bodily discourse, democracy and the censorship of US climate change science.*

10:50 Jonathan Gomez*, UC Santa Cruz, *"Where's the gig at? Creating Space in the Barrio with East Los Angeles punk rock".*

11:10 Joy Whiteley Ackerman, PhD*, Antioch University NE, *Pilgrim Bodies: The biosocial body as bridge between the politics and poetics of place?.*

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ORGANIZER(S): Maria Fannin, University of Bristol; Ingrid Nelson, University of Oregon

CHAIR(S): Rose Tina Catania, Syracuse University

10:10 Edith De Meester*, University of Amsterdam/AMIDSt, *The impact of the spatial opportunity structure on work and care arrangements in dual earner families.***10:30** Aisling Gallagher*, University of Bristol, *Governing Childcare: Female Entrepreneurs and the Negotiated Spaces of 'Social Investment' in Ireland.***10:50** Ingrid L Nelson*, University of Oregon, *Mapping Bodies, Body Mapping: Implications for Space and Place.***11:10** Rini Sumartojo*, Simon Fraser University, *Gender, Race, Violence and Belonging: Indo-Canadian Youth in Greater Vancouver.***11:30** Mary Ngo*, California State University, Long Beach, *Interconnecting Spaces: Networking away diesel pollution from the Ports of Long Beach and Los Angeles.***2231. Innovative Approaches to Teaching and Learning Assessment: Improving Undergraduate Geography Education (Sponsored by Geography Education Specialty Group)***Room:* Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Keely L. Roth, University of California, Santa Barbara; Indy Hurt, University of California, Santa Barbara

CHAIR(S): Indy Hurt, University of California, Santa Barbara

10:10 John C MacLachlan*, McMaster University; Luc Bernier, McMaster University; Carolyn H Eyles, McMaster University; Michael E Mercier, McMaster University; Maureen Padden, McMaster University; Walter G Peace, McMaster University; Susan Vajoczki, McMaster University, *The 'Teaching Assistants Professional Preparation (TAPP) Program'.***10:30** Keely L. Roth*, University of California, Santa Barbara, *Tools for Assessing Student Learning and Measuring Teaching Effectiveness in Project-based Field and Laboratory Courses.***10:50** Chris R. Coggins, PhD*, Bard College at Simon's Rock; Peter Tiso, Bard College at Simon's Rock and New York City Parks and Recreation, *Blazing Trails - Teaching Landscapes: the Campus Interpretive Trail in Geographic Education.***11:10** Jeff Lash*, University of Houston - Clear Lake; Jennifer Speights-Binet, Samford University, *Teaching Geography in the Field: Experiential Education and the Continuum of Theory, Practice and Policy.***11:30** Indy Hurt*, University of California, Santa Barbara, *Leveraging technology in the classroom: Content Organization, Delivery, and Grading.***2232. Tourism and Retirement Migration: Destinations in Transition (II) (Sponsored by Recreation, Tourism, and Sport Specialty Group)***Room:* Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): David Truly, Central Connecticut State University

CHAIR(S): David Truly, Central Connecticut State University

10:10 Donna M Senese, PhD*, University British Columbia Okanagan, *Wine and Tourism Led Amenity Migration.***10:30** Barbara J. McNicol, PhD*, Mount Royal College, *Presence and Extent of Second Home Ownership in the National Park Gateway Community of Canmore, Alberta.***10:50** Vicente R Rodriguez, Prof*, Human and Social Sciences Centre (Spanish Council for Scientific Research, CSIC); Raul Lardies, Dr, Assistant Professor University of Extremadura, Spain, *Comparing residence, mobility and tourism. In search of foreign retired lifestyles in Spain.***11:10** Alison M. Gill*, Simon Fraser, *Tourism-led Amenity Migration and the Politics of Place: A Conceptual Approach.***11:30** David Truly, Associate Professor*, Central Connecticut State University, *More than Amenities: Retirement Migration to the Lake Chapala Riviera.***2233. The Departed and the Left Behind: Migration, Labor, and the Chinese Family II (Sponsored by Population Specialty Group, China Specialty Group, Asian Geography Specialty Group)***Room:* Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Cindy Fan, UCLA; Wenfei Winnie Wang, University of Bristol

CHAIR(S): Brenda Saw Ai Yeoh, National University of Singapore

10:10 Scott Rozelle*, Stanford University; Xinxin Chen, Zhejiang Gongshang University, *The Effect of Migration on Children's Educational Performance in Rural China.***10:30** Xiao-Yuan Dong*, University of Winnipeg; Hongqin Chang, Xi'an Jiaotong University, China; Fiona MacPhail, University of Northern British Columbia, *Migration and Time Use of the Children and Elderly in Rural China.***10:50** Chuncui Velma Fan*, University of California - Los Angeles, *Educational Decisions of Rural Youth and Adult Migration.***11:10** Chen Chen*, University of California, Los Angeles, *Impact of Labor Migration on the Left-behind Elderly in Rural China.***11:30** Wenfei Winnie Wang*, University of Bristol, *Who is taking care of the elderly in China? A rural-urban comparison study in Beijing.***2234. Protecting Human Subjects Across the Geographic Research Process (Sponsored by Ethics, Justice, and Human Rights Specialty Group)***Room:* Skybox 206, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Patricia L. Price, Florida International Univ.

CHAIR(S): Patricia L. Price, Florida International Univ.

Introducer: Patricia L. Price

Panelists: Deborah G. Martin, Clark University; Daniel Trudeau, Macalester College; Patricia L. Price, Florida International Univ.; Scott M. Freundsuh, University of Minnesota; Francis Harvey, University of Minnesota - Minneapolis; Mark Weiss, National Science Foundation

2235. Publishing in Urban Geography (Sponsored by Urban Geography Specialty Group)*Room:* Skybox 207, Riviera Hotel, 2nd 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; Susan Hanson, Clark University; Meghan Cope, University of Vermont; John S. Adams, University of Minnesota - Minneapolis

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- 2236. Insect outbreaks and forest ecosystems: Patterns, causes, and impacts IV (Sponsored by Biogeography Specialty Group, Mountain Geography Specialty Group)**
Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Jeffrey Hicke, University of Idaho; Dominik Kulakowski, Clark University
 CHAIR(S): Dominik Kulakowski, Clark University
10:10 Colin Robertson*, Spatial Pattern Analysis & Research Lab, University of Victoria; Carson JQ Farmer, Spatial Pattern Analysis & Research Lab, University of Victoria; Trisalyn A Nelson, Spatial Pattern Analysis & Research Lab, University of Victoria; Ian K Mackenzie, Spatial Pattern Analysis & Research Lab, University of Victoria; Michael A Wulder, Canadian Forest Service (Pacific Forestry Centre), Natural Resources Canada; Joanne C White, Canadian Forest Service (Pacific Forestry Centre), Natural Resources Canada, *Assessing compositional change in pine forests of British Columbia during a mountain pine beetle epidemic.*
10:30 Rene Alfaro, Canadian Forest Service; Jodi Axelson, Canadian Forest Service; Kathy Lewis*, UNBC; Jonathon Barichivich, University of Regina; Lara Duran, US Forest Service; Hugo Gee, Louisiana State University; Laurel Haavic, University of Arkansas; Kevin Hardy, BC Forest Service; Eileen Jones, UBC; Lidio Lopez, Depto Dendrocronologia IANIGLA/ CONICET; Claudia Mansilla, Universidad de Magallanes de Chile; Maria Paz Pena, Universidad Austral de Chile; Maria Laura Suarez, 12Universidad Nacional del Comahue Argentina, *Dendrochronological reconstructions of western spruce budworm (*Choristoneura occidentalis* Freeman) at McCall Lakes, Peachland, British Columbia, Canada.*
10:50 Jodi N Axelson, M.Sc.*, Canadian Forest Service; René I Alfaro, PhD, Canadian Forest Service; Brad C Hawkes, PhD, Canadian Forest Service, *Stand dynamics of lodgepole pine forests following multiple mountain pine beetle outbreaks on the Chilcotin Plateau of British Columbia, Canada.*
11:10 Jesse Morris*, University of Utah; Andrea Brunelle, University of Utah, *Inferring prehistoric spruce beetle outbreaks from lake sediments: A calibration study from the high plateaus of Utah.*
- 2237. Home and Migration: Mobilities, belonging(s) and identities II**
Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): David Ralph, University of Edinburgh; Lynn Staeheli, University of Edinburgh
 CHAIR(S): David Ralph, University of Edinburgh
10:10 Lan-Hung Nora Chiang*, National Taiwan University, *Reluctant Exiles: History, Lived Experiences and Identity of Taiwanese-Canadians.*
10:30 Iris Levin*, University of Melbourne, *Homes of migrants: architectural form of housing in the process of settlement.*
10:50 Jen Dickinson*, University of Leicester, *Made in Durban: The production of a "pukka" Indian Diaspora in South Africa.*
11:10 Amy E. Potter*, Louisiana State University, *The Barbuda Voice: Impetus for Early Barbudan Transnationalism.*
11:30 Jane YeonJae Lee*, University of Auckland, *Korean immigrants' return to Gohyang (homeland): Ambivalence, double stigma, and the Korean-Kiwi identity.*
- 2238. Labour Geography: Retrospect and Prospect (Sponsored by Economic Geography Specialty Group)**
Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Tod D. Rutherford, Syracuse University
 CHAIR(S): Tod D. Rutherford, Syracuse University
10:10 Philip Kelly*, York University, *Labour Geography, Social Reproduction and Spaces of Out-Migration in the Global South.*
10:30 Brendan Sweeney*, Queen's University, *Labour Markets and Cross-Border Regions: the Case of Cascadia's Forest Products Industry.*
10:50 Steven Tufts*, York University, *Drying out the landscape: worker struggles to regulate liquor distribution in Canada.*
11:10 Tod D. Rutherford*, Syracuse University, *States of the Unions: Labour Law and Continued Divergence in Unionization in Advanced Economies.*
 Discussant(s): Sally Weller, Victoria University
- 2239. The state of health of Geography in schools**
Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Christine Winter
 CHAIR(S): David A. Lanegran, Macalester College
 Panelists: Alexander B. Murphy, University of Oregon; Christine Winter; Peter Jackson, University of Sheffield; Sarah Witham Bednarz, Texas A&M University; Siyoung Park, Western Illinois University
- 2240. Market-Oriented Conservation Governance: Trick or Treat? Session 2 (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Robin Roth, York University; Wolfram Dressler, University of Queensland
 CHAIR(S): Wolfram Dressler, University of Queensland
10:10 Martha Dowsley*, Lakehead University, *Canadian Polar Bear Conservation and the Market: A Question of Values.*
10:30 Elizabeth A Olson, ABD*, University of California, Merced, *Conservation, sustainable development, and "new" forms of tourism in west central Mexico: Same old trick?.*
10:50 Phuc Xuan To*, University of Toronto; Claudia Zingerli, Zurich University; Trung Chi Tran, National University of Hanoi, *What value and for Whom? Examining Biodiversity Conservation in Vietnam.*
11:10 Jessica Schwarz*, University of Colorado, *Community involvement in community-based ecotourism: a gap between practice and ideology in northeastern Tanzania?.*
11:30 Jessica Dempsey*, University of British Columbia, *Ecosystem Finance in an Age of Financial Collapse.*
- 2242. Beyond Spinoffs: The Role of The University In Regional Economic Development (Sponsored by Economic Geography Specialty Group)**
Room: Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor (Paper Session)
 ORGANIZER(S): Shiri M. Breznitz
 CHAIR(S): Shiri M. Breznitz
10:10 Shiri M. Breznitz*, University of Cambridge; Maryann Feldman*, UNC Chapel Hill Dept. of Public Policy, *The Engaged University.*
10:30 Tara Vinodrai*, University of Waterloo, *The university as an anchor in the regional economy: Evidence from Kitchener-Waterloo, Canada.*

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- 10:50** Kate Geddie*, University of Toronto, *Mediating prospects: the effect of state regulation on international students' post-graduation plans.*
Discussant(s): Maryann Feldman, UNC Chapel Hill Dept. of Public Policy
- 2243. Geographies of Canada II: Migration, Ethnicity and Multiculturalism (Sponsored by Canadian Studies Specialty Group, Indigenous Peoples Specialty Group)**
Room: North Hall N101, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): David Robertson, State University of New York, Geneseo
CHAIR(S): Sara Beth Keough, Saginaw Valley State University
10:10 Joe T. Darden, PhD.*, Michigan State University, *Filipino Immigration to Canada and the United States: A Comparative Examination.*
10:30 Sara Beth Keough*, Saginaw Valley State University, *Internal Migration in Canada: The Case of Alberta's Oil Industry.*
10:50 Dawn S. Bowen, PhD.*, University of Mary Washington, *Government Relief and Ethnic Settlement in Northern British Columbia in the 1940s.*
11:10 Jennifer J. Silver*, Simon Fraser University, *Two birds with one stone? Treaty-making as a tool to build ecological and political-economic certainty in British Columbia, Canada.*
- 2244. The Experiences of Immigrants and Refugees in Urban Areas: Canada and Europe (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**
Room: North Hall N102, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Carlos Teixeira, University of British Columbia Okanagan; Wei Li, Arizona State University
CHAIR(S): Stavros T. Constantinou, Ohio State University
10:10 Justin Tse*, University of British Columbia, Department of Geography, *Hongkonger Imagined Geographies in a Chinese Anglican Church in a Canadian Ethnobarb.*
10:30 Adam Lake*, University of Oregon, *Why Didn't Marseille Burn?: Segregation, Hegemony, and Identity in Marseille, France.*
10:50 Stavros T. Constantinou*, Ohio State University, *Ethnic Settlement Geography of Cyprus, 1878-1974.*
- 2245. Water, science, humans: advancing the hydrosocial cycle II (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: North Hall N103, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Jessica Budds, The Open University; Jamie Linton, Queen's University
CHAIR(S): Jamie Linton, Queen's University
Introducer: Jamie Linton
10:30 Olivier Graefe*, University of Fribourg, *The functionality of networks in the urban hydrosocial cycle.*
10:50 Jessica Budds*, The Open University, *The hydrological cycle: reflections on the idea of water flows as cyclical.*
11:10 Margaret Wilder*, University of Arizona; Rolando E. Diaz, University of Arizona, *Water, Cities, and Peri-Urban Vulnerabilities in Northwest Mexico.*
11:30 Eric Mollard*, IRD France, *Water shortage and water savings in national administrations. Reflection on the construction of a narrative.*
- 2246. Trends, Debates, and Theory in Geographic Thought**
Room: North Hall N107, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Agnieszka Leszczynski, University of Washington
10:10 Nicholas J Tate*, University of Leicester; David O'Sullivan, University of Auckland; Peter F Fisher, University of Leicester, *Postpositivisms and GIScience.*
10:30 Trisalyn Nelson*, University of Victoria; Art Getis, SDSU, *Trends in spatial analysis.*
10:50 Terence Day, PhD.*, Okanagan College, *Contemporary physical geography: Questions and directions.*
11:10 Jean Dubé*, Université Laval; François Des Rosiers, Université Laval; Marius Thériault, Université Laval, *About functional form in hedonic theory: back to an old debate.*
11:30 Agnieszka Leszczynski, MA*, University of Washington, *We are definitely postpositivist, but we have never been poststructuralist.*
- 2247. New Strategies for New Wars: The Imperative to Secure Spaces Against Terrorism**
Room: North Hall N108, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Jason E. VanHorn, Calvin College; Joseph Lewis, Ohio State University
CHAIR(S): Jason E. VanHorn, Calvin College
10:10 Jason E. VanHorn*, Calvin College, *Spatial Analysis Limitations and Extensions to Terrorism Databases.*
10:30 Nathan Mosurinjohn*, Calvin College, *Policing Against Terrorism Rifle Sniper Attacks with 3D Geospatial Solutions.*
10:50 Alan Grove*, University of Cincinnati, *All Suited Up and No One to Fight: Canada's Military Reaction to Modern and Postmodern Threats.*
11:10 Joseph Lewis*, Ohio State University, *In the Cross-Hairs of Counter-Terrorism: "Fragile States" and the Geopolitics of Development.*
- 2248. Making Sustainable Transportation Work (Sponsored by Transportation Geography Specialty Group)**
Room: North Hall N109, Las Vegas Convention Center (Panel Session)
ORGANIZER(S): David H. Kaplan, Kent State University; Selima Sultana, University of North Carolina-Greensboro
CHAIR(S): David H. Kaplan, Kent State University
Panelists: David H. Kaplan, Kent State University; Selima Sultana, University of North Carolina-Greensboro; Edmund J. Zolnik, George Mason University; Mark W. Horner, Florida State University; Michael Kuby, Arizona State University; Eric M. Delmelle, UNC-Charlotte
- 2249. Bio-environmental Remote Sensing - II (Sponsored by Remote Sensing Specialty Group)**
Room: North Hall N110, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Cuizhen Wang, University of Missouri
CHAIR(S): Cuizhen Wang, University of Missouri
10:10 Keqi Zhang*, Department of Environmental Studies, Florida International University, *Classification of Vegetation on Big Pine Key Using Aerial Photographs and LIDAR Measurements.*
10:30 Stephen S. Young, DR.*, Salem State College, *Global Distribution of Terrestrial Photosynthesis.*
10:50 Jason A. Tullis*, University of Arkansas; Joshua S. Jones, University of Arkansas; James M. Guldin, USDA Forest Service; Fred M. Stephen, University of Arkansas, *Integrated Remote Sensing-assisted Decision Support for Red Oak Borer Hazard Response.*

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11:10 Gregory N Taff, PhD*, University of Memphis; Daniel Müller, PhD, Leibniz Institute of Agricultural Development in Central and Eastern Europe (IAMO), Halle (Saale), Germany; Department of Geography, Humboldt-University in Berlin, Germany; Tobias Kuemmerle, PhD, Department of Forest and Wildlife Ecology, University of Wisconsin-Madison, Madison, USA; Stephen J. Walsh, PhD, Department of Geography & Carolina Population Center, University of North Carolina, Chapel Hill, NC, USA; Esra Ozdeneral, PhD, Department of Earth Sciences, University of Memphis, Memphis, TN, USA, *Reforestation in Central and Eastern Europe after the breakdown of socialism.*

11:30 Cuizhen Wang*, University of Missouri; Brent Jamison, Missouri Department of Conservation; Tony Spicci, Missouri Department of Conservation, *Vegetation Index-based Warm Season and Cool Season Grass Mapping in Missouri Prairies with Multi-temporal ASTER Imagery.*

2250. Geographies of Waste and Disposal 2: Informal Recyclers and Self-Organization of Waste Workers

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Risa C. Whitson, Ohio University; Kate Parizeau, University of Toronto

CHAIR(S): Kate Parizeau, University of Toronto

10:10 Jutta Gutberlet, Dr.*, University of Victoria - UVic, *Inclusive waste management a radical approach to end poverty and to recover environmental health.*

10:30 Rosalind Fredericks*, University of California, Berkeley, *'We Are Not Garbage Cans': Youth, Labor, and the Muslim Priesthood of Refuse Collectors in Dakar.*

10:50 Joanna Ranieri*, University of Toronto, *Waste and value: bottle scavenging and the informal waste economy in Toronto, Canada.*

11:10 Crystal Tremblay, MA*, University of Victoria; Jutta Gutberlet, UVic, *Empowerment through participation: assessing the voices of leaders from recycling cooperatives in São Paulo, Brazil.*

Discussant(s): Risa C. Whitson, Ohio University

2251. Agricultural Land Use and Remote Sensing

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Fred Shore

10:10 Elizabeth Heller*, McGill University; Navin Ramankutty, PhD., McGill University; Jeanine Rhemtulla, PhD., McGill University; Raja Sengupta, PhD., McGill University; Sarah Turner, PhD., McGill University, *Linking land cover and land use in an agricultural area of high spatial and temporal heterogeneity.*

10:30 Thirapong Santiphop*, Institute for Population and Social Research, *Land Use Change Analysis in Kanchanaburi, Thailand Using Remote Sensing and GIS.*

10:50 Honglin Xiao*, Elon University; Honglin Xiao, Elon University, *Land use and land cover changes in the Haw River Basin, NC.*

11:10 Re-Yang Lee*, Feng Chia University; Hsin-Yu Chen, Feng Chia University, *Using 3S Techniques To Interpret the Cultivated Fields of Sensitive Crops.*

11:30 Fred L. Shore, PhD.*, Mississippi Department of Agriculture and Commerce; Thomas L. Gregory, B.S., USDA-NASS, *Use of the Fractional Factorial Method and Optimization Strategies for the Mississippi Cropland Data Layer.*

2252. Urbanization, Development and Planning II: Regional Scale Patterns, Processes and Trends (Sponsored by Regional Development and Planning Specialty Group)

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg University; Sudhir K. Thakur, California State University Sacramento

CHAIR(S): Rajrani Kalra, California State University, San Bernardino

10:10 Sudhir K. Thakur*, California State University Sacramento, *Studies in Regional Economic Development in India: Review and Prospects.*

10:30 Rajrani Kalra*, California State University, San Bernardino, *High Technology and Regional Development in Selected Indian Metropolitan Areas: Are Processes and Patterns Congruent?.*

10:50 Jonah White*, Western Washington University, *Perspectives on Gentrification in Seattle, Washington: 1980-2000.*

11:10 Jennifer Pomeroy*, University of Maryland at College Park, *Analyzing Land-Use and Land-Cover Change in Selected Metropolitan Counties of Washington, D.C. Region.*

11:30 Christian Tettey*, University of Akron, *Possible Socio-economic factors underlying Urbanization in the regions of Africa.*

2253. The 'New Urban Politics' Two Decades On, II: Greening Urban Politics

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Martin R. Jones, University of Wales, Aberystwyth; Gordon MacLeod, University of Durham

CHAIR(S): Martin R. Jones, University of Wales, Aberystwyth

10:10 Eliot Tretter*, University of Texas - Austin, *The Environmental Regime.*

10:30 Peter North*, University of Liverpool, *Unsustainable Urbanism? The New Urban Politics, climate change and 'peak oil'.*

10:50 Marc Pares, Dr*, University of Manchester, *New urban governance: shaping uneven socio-environmental constructions in the UK and Spain.*

11:10 Andrew E.G. Jonas, Professor*, University of Hull; David Gibbs, Professor, University of Hull; Aidan While, Dr., Sheffield University, *The New Urban Politics as a Politics of Carbon Control.*

Discussant(s): Roger Keil, York University

2254. Geographies of Art 2: Spaces of creation and curation

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Harriet Hawkins

CHAIR(S): Harriet Hawkins

10:10 Hannah Neate*, University of Nottingham, *'It wasn't just a narrow parochial group as so many of these societies are': The Midland Group of Artists in the 1960s.*

10:30 Jenny Sjöholm*, Uppsala university, *Learning from the field: Embodied and site-specific learning practices within the visual arts.*

10:50 Hilary Geoghegan*, Royal Holloway, University of London, *The Art of Curatorship: material people and 'object-love' at the Science Museum, London.*

11:10 David Beel, BA (Hons), MRes*, University of Glasgow, *The Museum: Citizenship, Social Inclusion, Urban Regeneration.*

11:30 Alison L. Bain*, York University, *The art of suburban interventions: neo-Bohemia in a cul-de-sac.*

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2255. **Disciplinary Domains in Child and Youth Research (Sponsored by Taylor and Francis)**

Room: North Hall N116, Las Vegas Convention Center (Panel Session)
ORGANIZER(S): Elizabeth A Gagen, University of Hull
CHAIR(S): Elizabeth A Gagen, University of Hull
Panelists: Stuart C. Aitken, San Diego State University; Daniel Cook, Rutgers University; Jill Korbin, Case Western Reserve Univ; Allison James, University of Sheffield; Rachel Pain, University of Durham

2256. **Advances in Paleoclimatology: Moisture Changes through Time and their Impacts II (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)**

Room: North Hall N117, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Andrea Brunelle, University of Utah; Kurt F. Kipfmüller, University of Minnesota
CHAIR(S): Bryan Shuman, University of Wyoming
10:10 Jennifer Marlon*, University of Oregon; Global Palaeofire Working Group, University of Bristol, *Climate change impacts on past wildfires in North America*.
10:30 Thomas Minckley*, University of Wyoming; Andrea Brunelle, University of Utah; Bryan N. Shuman, University of Wyoming; Jane M. Beiswenger, University of Wyoming; Elliott Lips, Great Basin Earth Science, Inc.; JJ Shinker, University of Wyoming, *Asynchronous vegetation change along an elevational transect related to paleohydrology of Southeastern Wyoming*.
10:50 Kendra K. McLauchlan*, Kansas State University; Peter R. Leavitt, University of Regina, *Ecosystem Response to Changes in Climate and Vegetation During the Holocene: Sediment Records from Deming Lake, Minnesota, USA*.
11:10 Sarah A Finkelstein*, University of Toronto; Sharon A Cowling, University of Toronto; Vladimir S Danov, University of Toronto, *Did temperate wetland expansion under cooler/wetter climates in the pre-industrial late Holocene affect atmospheric CO₂ ?*.

2257. **Climatic Hazards**

Room: North Hall N118, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Steven Curran, University of Wisconsin-Whitewater
10:10 Elaine E. Wheaton*, Saskatchewan Research Council and University of Saskatchewan; Philip Curry, Saskatchewan Ministry of Health; Virginia Wittrock, Saskatchewan Research Council, *Climate Patterns and Outbreaks of West Nile Virus in Saskatchewan, Canada*.
10:30 Douglas Fuller*, University of Miami; Adriana Troyo, PhD, University of Costa Rica; John C. Beier, University of Miami, *ENSO and Vegetation Dynamics as Predictors of Dengue Fever Cases in Costa Rica*.
10:50 David M. Brommer*, The University of Alabama; Jason Carl Senkbeil, The University of Alabama; Michael E. Brown, Mississippi State University; Paul Grady Dixon, Mississippi State University, *Meteorological Factors Affecting Hurricane Evacuation Decisions*.
11:10 Jason Carl Senkbeil*, University of Alabama; David Brommer, University of Alabama; Grady Dixon, Mississippi State University, *The Cry Wolf Index: Quantifying Future Hurricane Evacuation Complacency*.
11:30 Steven J Curran*, University of Wisconsin-Whitewater, *A Daily Tornado Climatology*.

2258. **Media Geography II: Teaching Media Geography (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)**

Room: North Hall N119, Las Vegas Convention Center (Panel Session)
ORGANIZER(S): James Craine, California State University Northridge; Christina Dando, University of Nebraska-Omaha
CHAIR(S): Jason Dittmer, University College London
Introducer: Jason Dittmer
Panelists: Paul C. Adams, University of Texas at Austin; Peta Mitchell, University of Queensland; Giorgio Hadi Curti, San Diego State University; Christopher Lukinbeal, Arizona State University - Department of Geography; James Craine, California State University Northridge; Christina Dando, University of Nebraska-Omaha

2259. **World Cities and Global Production Networks 2 (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)**

Room: North Hall N120, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Alain Thierstein, Munich University of Technology; Frank Witlox, Ghent University
CHAIR(S): Ben Derudder, Ghent University
10:10 César Ducruet*, Assistant Professor; Céline Rozenblat, University of Lausanne, *Multi-level centrality and the urban hierarchy: a global intermodal approach*.
10:30 Wouter Jacobs*, Erasmus University Rotterdam, *World Port City Networks: the Case of Rotterdam*.
10:50 Heidi Hanssens*, Ghent University; Ben Derudder, Ghent University; Frank Witlox, Ghent University, *Managing organisational and geographical complexity: the role of advanced producer services in the Volvo Global Value Chain*.
11:10 Christian Wichmann Matthiessen*, University of Copenhagen; Annette Winkel Schwartz, Technical Knowledge Center of Denmark; Søren Find, Technical Knowledge Center of Denmark, *World Cities of Knowledge: Changing Research networks. An analysis based on bibliometric indicators*.

MONDAY, MARCH 23 • 11:55 AM - 12:55 PM • 2300**2342. Economic Geography Specialty Group Business Meeting
(Sponsored by Economic Geography Specialty Group)**

Room: *Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor*

MONDAY, MARCH 23 • 1:00 PM - 2:40 PM • 2400**2401. Spatial Analysis: Urban Applications**

Room: *Grande Ballroom C, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Alan G. Phipps, University of Windsor

1:00 Michael Leitner*, Louisiana State University, *Bayesian Journey-To-Crime Modeling*.

1:20 Jun Luo*, Missouri State University; Danlin Yu, Montclair State University; Miao Xin, Missouri State University, *Modeling Urban Growth of Springfield, Missouri with GIS and Remote Sensing*.

1:40 Jean-Claude Thill*, University of North Carolina at Charlotte; Elizabeth Delmelle, University of North Carolina at Charlotte; Bryan Ha, SUNY-Buffalo, *Spatial Epidemiologic Analysis of Relative Crash Risk Factors among Urban Bicyclists and Pedestrians*.

2:00 Iris Hui*, UC Berkeley; Weimin Li, Cal Poly Pomona, *Who is in your neighborhood? New approaches to define neighborhood context*.

2:20 Alan G. Phipps*, University of Windsor, *Three Computer-Programmed Applications of Google Maps*.

**2404. What is distinct about the new carbon economy, what are connected climate governance challenges and consequences?
SESSION I (Sponsored by Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: *Grande Ballroom G, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Maxwell Boykoff, University of Oxford; Adam Bumpus, University of Oxford

CHAIR(S): Emily Boyd

Introducer: Maxwell Boykoff

1:05 Diana M. Liverman*, University of Arizona/Oxford University, *Upsetting Offsets: debating the role of offsets in UK and US climate policy*.

1:24 David Lansing*, Ohio State Geography Department, *Producing Carbon Territories: discourse, agriculture, and value creation in Costa Rica*.

1:43 Adam G Bumpus*, University of Oxford, *The matter of offsets: understanding the materiality of tCO₂e in carbon offset projects*.

2:02 Maria Gutierrez, PhD.*, City University of New York, *Making Markets Out of Thin Air: A case of capital involution*.

2:21 Michael K. Heiman*, Dickinson College, *Balancing Effectiveness, Efficiency, and Equity: Contending Approaches to Reducing Greenhouse Gas Emissions*.

2405. Cultural Geographies Annual Lecture (Sponsored by Cultural Geography Specialty Group)

Room: *Grande Ballroom H, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Tim Cresswell, Royal Holloway, University of London; Mona Domosh, Dartmouth College

CHAIR(S): Tim Cresswell, Royal Holloway, University of London

1:00 Peter Jackson*, University of Sheffield, *Food Stories: consumption in an age of anxiety*.

Introducer: Tim Cresswell

2406. Anarchism, Autonomia, and the Spatiality of Revolutionary Politics and Theory 3 (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)

Room: *Royale Pavilion I, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Nathan Lee Clough, University of Minnesota; Renata Blumberg, University of Minnesota

CHAIR(S): Nathan Lee Clough, University of Minnesota

1:00 Nathan Lee Clough*, University of Minnesota, *Constituent Space: Solidarity in the Face of State Terror at the 2008 RNC*.

1:20 Nik Heynen*, University of Georgia, *Her Tattoo said 'Never Give Up' and His was of a Ruler: Utopian Pragmatism and the Anarchist Production of Nature*.

1:40 Vradsis Antonios*, Student, *State spaces of self-exception and the potential for revolutionary politics within them: The case of Greece's Academic Asylum*.

2:00 Keith Woodward*, University of Exeter, *Anarchist Temporality and Radical Friendship*.

Discussant(s): Stevphen Shukaitis, University of London, Queen Mary

MONDAY, MARCH 23 • 1:00 PM - 2:40 PM • 2400**2407. Spatial Strategies of Indigenous Resistance III - GIS, Mapping and Representation (Sponsored by Indigenous Peoples Specialty Group)**

Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Daniel Gerard Cole, Smithsonian Institution

1:00 Gwilym Lucas Eades*, McGill University, *Indigenous Geographic Information Systems: (Re)configuring Geospatial Technologies for Local Productions of Space*.

1:20 Jason C. Young*, Miami University; Michael Gilmore, George Mason University; FECONAMAI, Maijuna Communities, *Repopulating Colonial Maps with Indigenous Places: A Qualitative and Participatory Use for GIS*.

1:40 Javier Diaz*, Université Laval; José Gregorio, Head of San Martin de Amacayacu Community; Stéphane Roche, Université Laval, *A critical analysis of a Participatory mapping exercise in the Colombian Amazonian context*.

2:00 Deborah Kirk*, Haskell Indian Nations University, *Mapping My Ancestors Footsteps: Historical GIS and the Trail of Tears*.

Discussant(s): Bjorn Sletto, University of Texas at Austin

2408. Planning innovation and multiscalar change in the global city

Room: *Royale Pavilion 3, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Ren Thomas

CHAIR(S): Thomas A. Hutton, University of British Columbia

1:00 Sheng Zhong*, University of British Columbia, *From Fabric to Fine Art: The Rise of A Cultural Production Site in Shanghai*.

1:20 Ren Thomas*, University of British Columbia, *Housing and transportation choice in the context of structural change*.

1:40 James T. White*, The University of British Columbia, *The Politics of Urban Design Decision Making in Large-Scale Urban Development Projects in Canadian Cities*.

2:00 Laura E Tate, MA (Planning), doctoral student*, BC Ministry of Community Development and the University of British Columbia, *metropolitan Growth Management: What Actor Network Theory Can Teach Us*.

2:20 Deike Peters, PhD*, Center for Metropolitan Studies, TU Berlin, Germany, *The Urban Renaissance Potential of Inner-City Rail Station Redevelopment Mega-Projects*.

2409. Spatial transformations in Russian cities (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Megan Dixon, University of Oregon
 CHAIR(S): Nathaniel S. Trumbull, University of Connecticut

1:00 Natalia Vlasova*, *Implementation of the Best Practices in Russian Urban Social Policy*.

1:20 Evgeny Nurminskiy*, *Economic equilibrium of traffic flows: case study of Vladivostok*.

1:40 Nadezda Kravchenko*, *City's Space Organization: Restrictions and Perspectives*.

2:00 Yuri V. Medvedkov, Olga L. Medvedkov*, Ohio State University; Olga L. Medvedkov, Wittenberg University, *Russia's Urban Settlement Contraction, 1991 to 2007*.

Discussant(s): Beth Mitchneck, University of Arizona

2410. The Regulation Approach 30 Years On: Reappraising Michel Aglietta's A Theory of Capitalist Regulation - The US Experience

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Matthew Huber, Clark University; Tod D. Rutherford, Syracuse University

Panelists: Jamie Peck, University of British Columbia; Yuko Aoyama, Clark University; Richard A. Walker, University of California-Berkeley; Martin R. Jones, University of Wales, Aberystwyth

2411. People and Health

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Cheryl McGeachan

1:00 James M. Leonard, PhD*, Marshall University, *Spatial Variations in Breastfeeding Rates in the United States*.

1:20 Kathryn Grace*, University of California, Santa Barbara, *Contraceptive Use in Guatemala*.

1:40 Katherine Hansen, MPH*, University of Nebraska Medical Center, *Service Gaps among the Mental Health Population in Nebraska*.

2:00 Cindy Gorn*, University of Washington, *Legislating care for the psychologically 'disabled' and 'Re'-institutionalization': Case study of Adult Care Facilities in New York*.

2:20 Cheryl McGeachan, MA, MRes*, *The geographies of R.D. Laing: a historical exploration into the micro-geographies of psychiatric Army life*.

2412. Business Geography: Curriculum and Teaching (Sponsored by Economic Geography Specialty Group, Business Geography Specialty Group, Geography Education Specialty Group)

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Lawrence Estaville, Texas State University

CHAIR(S): Lawrence Estaville, Texas State University

Panelists: Grant Ian Thrall, University of Florida; Michael Pretes, University of North Alabama; Tony Hernandez, Ryerson University; Eugene Tettey-Fio, SUNY-Binghamton

2413. Sovereign Power, Everyday Life, and the 'Non-citizen'

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Ishan Ashutosh, Syracuse University

CHAIR(S): Alison Mountz, Syracuse University

1:00 Erika Sigvardsdotter*, Department of Social and Economic Geography, Uppsala University, Sweden, *Law, policy and implementation - The case of undocumented migrants' access to healthcare in Sweden*.

1:20 Deirdre Conlon, PhD*, Emerson College, *the bonafide 'non-citizen'*.

1:40 Yolande Pottie-Sherman*, University of British Columbia, *Moral panic over merit-based immigration policy: talent for citizenship and the American dream*.

2:00 Ishan Ashutosh*, Syracuse University, *Everyday Sovereign Power through Multiculturalism: The Contours and Cleavages of Toronto's South Asian Migrants*.

2415. Environmental Change and Globalization: Double Exposures

Room: *Capri 102, Riviera Hotel, 1st Floor* (Panel Session)

ORGANIZER(S): Amy Glasmeier, Pennsylvania State University
 CHAIR(S): Amy Glasmeier, Pennsylvania State University

1:00 Robin M. Leichenko, Rutgers University

Discussant(s): Petra Tschakert, Penn State University; Diana M. Liverman, University of Arizona/Oxford University

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2416. Environment and Decision Making

Room: Capri 103, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard Perkins, Department of Geography and Environment, LSE

1:00 David Tecklin*, University of Arizona; Carl J Bauer, University of Arizona, *The Two Faces of Chile's Environmental Model: market-enabling and market-regulating aspects in the development of environmental law.*

1:20 Tine Ningal, Mr, University College Dublin (UCD), School of Geography, Plannign and Environmental Policy, Dublin, Ireland; Tine Ningal*, University College Dublin (UCD), *The role of Urban Forestry in Air Pollution Mitigation - A case study, Dublin city, Ireland.*

1:40 C. Derya Ozgoc-Caglar*, California State University Fresno; Richard L. Farnsworth, Purdue University, *A Multiple Criteria Decision Analysis Model to Improve Performance of Federal Conservation Programs: A Case Study of Indiana Environmental Quality Incentives Program (EQIP).*

2:00 Norman Froome*, Minerals Management Service; Jill Leale, Minerals Management Service, *Using Digital Geographic Data Across Different Scales in Environmental Impact Assessment.*

2:20 Richard Perkins*, Department of Geography and Environment, LSE; Eric Neumayer, Department of Geography and Environment, LSE, *Integrating the Transnational Links and Territorial Spaces of Codified Voluntarism: Explaining the Early Diffusion of ISO14001 and the Global Compact.*

2417. Applications and Issues in Urban Geography and Planning

Room: Capri 104, Riviera Hotel, 1st Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Melissa Hart, University of Hong Kong

1:00 Kenneth Robertson*, Central Michigan University, *GIS Development for Small Business Solutions: A Look at Detroit's Eastern Market.*

1:05 Christopher J Husband, Student*, The University of Western Ontario; Micha Pazner, PhD, The University of Western Ontario, *GPS and RFID Based Pedestrian Navigation System of Urban Complexes.*

1:10 Lily Parshall*, Columbia University, *A Spatial Model to Assess the Cost-Effectiveness of Local Cogeneration and Other Technologies in New York City.*

1:15 Lynn M. Patterson, PhD*, Kennesaw State University, *The Importance of Regional Distribution for Construction & Demolition Recycling Facilities.*

1:20 Jacquelyn Marchand*, University of New Orleans, *Hurricane Protection: Real or Psychological, The Greater New Orleans Hurricane and Storm Damage Risk Reduction System.*

1:25 Clare O'Reilly*, UC Berkeley Department of Landscape Architecture and Environmental Planning; Michael Adams, *3rd Street Food Spine: Food Distribution in Bayview, San Francisco.*

1:30 Scott A. Drzyzga, PhD*, Shippensburg University; Claire A. Jantz, PhD., Shippensburg University, *Urban growth and water supply in the Baltimore, MD metropolitan region.*

1:35 Zhuojie Huang*, Department of Geography, University of Florida; Timothy Fik, Department of Geography, University of Florida, *Location value signature and externalities in an urban environment.*

1:40 Mieka J Smart, MHS*, Johns Hopkins Bloomberg School of Public Health; Damiya E Whitaker, PhD, Johns Hopkins Bloomberg School of Public Health; C. Debra M Furr-Holden, PhD, Johns Hopkins Bloomberg School of Public Health, *Neighborhood environmental variables as predictors of juvenile arrest for cocaine, marijuana, heroin or other substances.*

1:45 Mia D. Murray*, University of Memphis; Vanessa Cayson-Mason, University of Memphis; Arleen Hill, University of Memphis, *Spatial Patterns in Vulnerability and Home Foreclosures: Shelby County, Tennessee.*

1:50 Melissa Hart*, University of Hong Kong; David J Sailor, Portland State University; Chien Tat Low, University of Hong Kong, *Spatial variability and exposure to the urban heat island (UHI) in Hong Kong.*

2418. Advances in Cartography - 1

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sven Fuhrmann, Texas State University

1:00 David Heyman*, Axis Maps LLC, *Maker + IndieMapper: Next Generation Mapping Tools.*

1:20 Molly Boeka Cannon*, University of Nebraska Department of Geography, *Using Environmental Perception and Cognition Theory in the Construction of Animated Surface Models: Implications and Uses for the Instruction of Terrain Analysis.*

1:40 Kaitlin Yarnall*, National Geographic Maps, *National Geographic EarthPulse: The creation of an international geographic publication using data visualization and visual storytelling techniques.*

2:00 Keith French*, University of Kansas, *Visualizing Regional Trends in the Change in Mean Population Center over Time.*

2:20 Sven Fuhrmann*, Texas State University, *Three-Dimensional Geovisualization for Crisis Management.*

2419. Beyond the "Post" and Revisionist Discourses in African Development. Session II: Rural and Urban Development Revisted (Sponsored by Africa Specialty Group)

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Francis Owusu, Iowa State University;

Ikubolajeh Logan, Penn State

CHAIR(S): Ezekiel Kalipeni, University of Illinois

1:00 Garth Andrew Myers*, University of Kansas, *Peri-Urban Places: Social Construction of the Edge of Zanzibar City.*

1:20 Ikubolajeh Logan*, Penn State, *South Africa's Land Restitution Program, Conflict Mitigation and Rural Development: A Case Study from the Limpopo Province.*

1:40 James C. Saku*, Frostburg State University, *Practical solutions to poverty reduction in Africa: Ghana's policy initiatives.*

2:00 Leo Charles Zulu*, Michigan State University, *Neo-liberalization, Decentralization and Community-Based Natural Resources Management in Malawi: The First Decade and Looking Ahead.*

2:20 David Menyah*, University of Minnesota, *The Informal Sector Revisited: The State and Micro-enterprise Development; A Botswana Case Study.*

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2425. Education Geography (Sponsored by Geography Education Specialty Group)

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)
CHAIR(S): Carlos J. Guilbe, University of Puerto Rico
Introducer: Carlos J. Guilbe

1:05 Carlos J. Guilbe, Prof.*, University of Puerto Rico,
*Teaching Geography to ADD Students Using
Electronic and Video Games as Homework.*

2426. Forest Disturbance and Recovery: Monitoring Change and Assessing Impacts (Sponsored by Biogeography Specialty Group, Remote Sensing Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Christopher Williams, Clark University
CHAIR(S): Christopher Williams, Clark University

1:00 Niti B Mishra*, Department of Geography & the
Environment, University of Texas at Austin; Amy L
Neuenschwander, Center for Space Research, The
University of Texas at Austin and Applied Research
Laboratories, The University of Texas at Austin;
Kelley A Crews, Department of Geography & the
Environment, The University of Texas at Austin
and Applied Research Laboratories, The University
of Texas at Austin, *Disturbance, Management and
Landscape Dynamism: Sensitivity of Harmonic
Regression to temporal resolution of Vegetation Indices
in the Lower Okavango Delta, Botswana.*

1:15 Ainong LI*, Department of Geography, University of
Maryland, College Park, MD 20742; Chengquan
Huang, Department of Geography, University of
Maryland, College Park, MD 20742; Guoqing Sun,
Department of Geography, University of Maryland,
College Park, MD 20742; Hua Shi, ASRC Research
and Technology Solutions, Contractor to USGS/EROS,
Sioux Falls, SD 57198; James Vogelmann, ASRC
Research and Technology Solutions, Contractor to
USGS/EROS, Sioux Falls, SD 57198; Zhiliang Zhu,
USDA Forest Service, 1601 N. Kent Street, Arlington,
VA 22209; Chris Toney, Rocky Mountain Research
Station, Fire Sciences Lab, 5775 US W Highway 10,
Missoula, MT 59808; Jeffrey G. Masek, Biospheric
Sciences Branch, NASA Goddard Space Flight Center,
Greenbelt, MD 20771; Nancy Thomas, Department of
Geography, University of Maryland, College Park, MD
20742; Samuel N. Goward, Department of Geography,
University of Maryland, College Park, MD 20742, *An
assessment of forest disturbance and regrowth rates in
Mississippi using Landsat and ICESat lidar data.*

1:30 Christopher Williams*, Clark University; G. James Collatz,
NASA Goddard Space Flight Center, Biospheric
Sciences; Jeffrey G. Masek, NASA Goddard
Space Flight Center, Biospheric Sciences, *Carbon
Consequences of Forest Disturbance and Recovery
across North America.*

1:45 Ralph Dubayah*, University of Maryland, *Global
Vegetation Structure Dynamics from NASA's DESDynI
Mission.*

2:00 Karen Schleeweis*, University of Maryland, College
Park; Dr. Sam Goward, University of Maryland; Dr.
Chengquan Huang, University of Maryland, *Building
on NAFD: Comparing Regional Spatio-temporal
Patterns of Forest Dynamics in the Coterminous U.S.*

2:15 Duncanson I Laura*, Hyperspectral LiDAR Research
Group, Department of Geography, University
of Victoria, PO BOX 3060 STN CSC, Victoria,
B.C., Canada, V8V 3R4; K. Olaf Niemann, Phd,
Hyperspectral LiDAR Research Group, Department of
Geography, University of Victoria, PO BOX 3060 STN
CSC, Victoria, B.C., Canada, V8V 3R4; Michael A
Wulder, Phd, Canadian Forest Service (Pacific Forestry
Centre), Natural Resources Canada, Victoria, B.C.,
Canada, V8Z 1M5, *Development of a Methodology to
Estimate Aboveground Biomass and Forest Structural
Properties from GLAS Data.*

2427. GIScience and the Urban Geography of Health (Sponsored by Spatial Analysis and Modeling Specialty Group, Medical Geography Specialty Group, Urban Geography Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Seth Spielman, Brown University; Aniruddha
Banerjee, Prevention Research Center
CHAIR(S): Seth Spielman, Brown University

1:00 Jamison F. Conley*, West Virginia University, *Analyzing the
Shape of Disease Clusters to Hypothesize Processes of
Their Spread.*

1:20 Aniruddha Banerjee, PhD*, Prevention Research Center,
Berkeley, CA; Paul Gruenewald, PhD, Prevention
Research Center, Berkeley, CA; William Ponicki,
Prevention Research Center, Berkeley, CA; Andrew
Treno, PhD, Prevention Research Center, Berkeley,
CA, *Developing a Topology for Alcohol Related
Accidents and Alcohol Outlets.*

1:40 Seth Spielman*, Brown University, *Scale, Scale-linkage
and Neighborhood Effects on Health.*

2:00 Robin Timothy Flowerdew*, University of St Andrews,
*Using Zone Design to Evaluate Neighbourhood Effects
on Health.*

2:20 Arnaud Banos*, LIVE, CNRS/ULP, France; Elise Beck,
PACTE-UJF, France; Sandrine Glatron, LIVE, CNRS/
ULP, France; Pierpaolo Mudu, WHO, DCS-CPS, Italy,
GIS and Health: still invaluable but insufficient tools?.

2428. Challenges of collaborative and interdisciplinary research projects

Room: Capri 116, Riviera Hotel, 1st Floor (Panel Session)
ORGANIZER(S): Jane M. Read, Syracuse University; Richard J.
Aspinall, Macaulay Institute
CHAIR(S): Jane M. Read, Syracuse University
Panelists: Dan Brown, University of Michigan; David A. Bennett,
University of Iowa; Billie L. Turner, Arizona State
University; Richard J. Aspinall, Macaulay Institute;
Jane M. Read, Syracuse University; Jane Southworth,
University of Florida

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2429. Holocene Environmental Change and Human Impact (Sponsored by Paleoenvironmental Change Specialty Group)

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Stephanie Pau

CHAIR(S): Stephanie Pau

1:00 Glen M. MacDonald, PhD*, UCLA; Stephanie Pau, UCLA; Abbie Tingstad, UCLA; Christine Zuhlsdorf, UCLA, *The Medieval Climate Anomaly - Probable Causes, Hydroclimatic Effects and Possible Societal Impacts*.

1:20 Stephanie Pau*, UCLA Geography; Glen M MacDonald, PhD, UCLA Geography; Thomas W Gillespie, PhD, UCLA Geography; Jonathan P Price, PhD, Univ. Hawaii, Hilo, *A Record of Reciprocal Human-Environment Responses to Vegetation and Climate Change from Kealia Pond, Maui*.

1:40 Sally P. Horn*, University of Tennessee; Kenneth H. Orvis, University of Tennessee, *Fire History from Sedimentary Charcoal at Laguna Culebrillas, Ecuador*.

2:00 Zachary P. Taylor*, University of Tennessee; Sally P. Horn, University of Tennessee; David B. Finkelstein, University of Tennessee, *Searching for spatial variability in proxy signals of prehistoric agriculture using a network of lake-sediment cores*.

2:20 Robert Dull*, University of Texas at Austin, *Inconvenient truths and the Classic Period Maya: pulling geophysical hazards out from under the rug*.

2430. Studying exurbia and amenity migration (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Laura Taylor, York University

CHAIR(S): Laura Taylor, York University

Introducer: Laura Taylor

Panelists: Patrick T. Hurley, Ursinus College; Michael Woods, University of Wales Aberystwyth; Darla Munroe, Ohio State University; Michael Ratcliffe, U.S. Bureau of the Census; Brian Edward Johnson, Indiana University; Hannah Gosnell, Oregon State University

2431. Ethnography in Geography (Sponsored by Geographic Perspectives on Women Specialty Group, Qualitative Research Specialty Group)

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Kari B. Jensen, Hofstra University

CHAIR(S): Cindi Katz, CUNY Graduate Center

1:00 Sanjeev Kumar*, University of Georgia; Hilda Kurtz, Dr., University of Georgia, *Ethnography and Human Geography: A Report on use of Ethnographic Techniques by Human Geographers*.

1:20 David Butz*, Brock University, *Autoethnography as (Geographical) Sensibility*.

1:40 Christian Anderson*, The City University of New York, *Space, Ethnography, and the Extra-local: Situating the Subjects of Contemporary Social Research*.

2:00 Kari B. Jensen*, Hofstra University, *Negotiations of Power, Authority, and Authorship in Critical Ethnographic Research with Child Domestic Workers*.

Discussant(s): Lorraine Dowler, Penn State University

2432. Gendered Geographies of Transition in Southeast Asia (Sponsored by Geographic Perspectives on Women Specialty Group, Developing Areas Specialty Group, Asian Geography Specialty Group)

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Katherine Brickell, Royal Holloway, University of London

CHAIR(S): Katherine Brickell, Royal Holloway, University of London

1:00 Adam Lukaszewicz*, York University, *A Gendered Analysis of Intrahousehold Divisions of Re/Productive Labour amongst Filipino Farming Families with Migrant Members*.

1:20 Melina Tanya Czymoniewicz-Klippel, B. OccThy (Hons), M. HlthStudies (CCAH)*, Doctoral Candidate, Monash University; Visiting Research Scholar, The Pennsylvania State University, *'Bad boys', big trouble: identity building through gang membership in a Cambodian village*.

1:40 Catherine Locke*, School of Development Studies, University of East Anglia, *Marital Relations and Parenting in Transition: Migrant Husbands/Fathers and Wives/Mothers Negotiating New Gender Relations in Vietnam*.

2:00 Amriah Buang, Ph. D; professor in Geography of Gender*, Universiti Kebangsaan Malaysia, *Women and Malaysian Development- The unexpected price of success*.

2:20 Katherine Brickell, Dr*, Royal Holloway, University of London, *'We don't forget the old rice pot when we get the new one': (Re)-Interpreting Ideals and Practices of Women in Transitional Cambodia*.

2433. Transformation of China's Cities and Regions (I) (Sponsored by Urban Geography Specialty Group, China Specialty Group)

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Fulong Wu, Cardiff University

CHAIR(S): Laurence J.C. Ma, The University of Akron

1:00 John R Logan*, Brown University, *Processes of Residential Sorting by Education, Occupation and Migrant Status: The Beijing Case*.

1:20 Anthony Yeh, Prof.*, University of Hong Kong, *Urban Density in Chinese Cities*.

1:40 George C. S. Lin*, University of Hong Kong, *The myth of China's urban land development with ambiguous property rights: The tragedy of the commons?*.

2:00 Si-Ming Li*, Hong Kong Baptist Univ; Yushu Zhu, School of Geographical Sciences, Sun Yat-sen University, *Community Type and Residential Satisfaction: a study of Guangzhou, China*.

2:20 Fulong Wu*, Cardiff University, *Search for a new spatial fix: the limit of urban entrepreneurialism and rising city-region governance in China*.

MONDAY, MARCH 23 • 1:00 PM - 2:40 PM • 2400**2434. Geographies of Health I: GIS Applications (Sponsored by Medical Geography Specialty Group, Geographic Information Science and Systems Specialty Group)***Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Mei-Po Kwan, Ohio State University; Martin Dijst, Utrecht University

CHAIR(S): Martin Dijst, Utrecht University

1:00 Gerard Rushton*, University of Iowa; Gerard Rushton, PhD, The University of Iowa, *The Effects of Severe Flooding on the Educational Development of Public School Students.***1:20** Sara McLafferty*, University of Illinois, *Rural Reversal? Rural-Urban Disparities in Late-stage Cancer Risk in Illinois.***1:40** Lu Wang*, Ryerson University, *Analyzing spatial accessibility to family physician among ethnic groups in Toronto CMA.***2:00** Becky P.Y. Loo, Department of Geography, The University of Hong Kong; Winnie W.Y. Lam*, Department of Geography, The University of Hong Kong, *Health Care Access for Older People in Hong Kong: A Time-space Perspective.***2:20** Timothy L. Hawthorne*, The Ohio State University; Mei-Po Kwan, The Ohio State University Department of Geography, *The Role for Critical GIS and Mixed Methods Research in Studies of Healthcare Accessibility.***2435. Indigenous Tourism 1 (Sponsored by Recreation, Tourism, and Sport Specialty Group, Indigenous Peoples Specialty Group)***Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Lorri K. Krebs, Salem State College; Sanjay K Nepal, Texas A&M University

CHAIR(S): Lorri K. Krebs, Salem State College

1:00 Teresa C.H. Tao*, University of Hong Kong; Geoffrey Wall, University of Waterloo, *Tourism as a Form of Livelihood Diversification: A Case Study from Taiwan.***1:20** Tanya Chung Tiam Fook, PhD Candidate*, Faculty of Environmental Studies, York University, *Sites of Entanglement, Reclaiming and Cross-Fertilization: A study on collaborative wildlife conservation in Guyana.***1:40** Lindsay Anderson*, McGill University; Sarah Turner, McGill University, *Ethnoscapes of Textiles, Traders and Tourists: Ethnic minority textile commodity chains in the context of Vietnam's market liberalization.***2:00** Jennifer Devine*, University of California, Berkeley, *The Maya Spirit: Tourism and Multiculturalism in Post Peace Accords Guatemala.***2436. Gen Ed 101: Geography in General Education at the University (Sponsored by Geography Education Specialty Group)***Room: Skybox 208, Riviera Hotel, 2nd Floor (Panel Session)*

ORGANIZER(S): Nancy Hoalst-Pullen, Kennesaw State University

CHAIR(S): Garrett Smith, Kennesaw State University

Panelists: Nancy Hoalst-Pullen, Kennesaw State University; Garrett Smith, Kennesaw State University; Robin Datel, Geography Department, CSU - Sacramento; Jay D. Gatrell, Indiana State University; Bronwyn Owen Haugland, Truckee Meadows Community College

2437. Land Use and Landscape Change in Latin America*Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Robert A. Rice, Smithsonian Institution

1:00 Miguel Aguilar-Robledo*, Universidad Autonoma De San Luis Potosi; José Antonio Avalos-Lozano, Universidad Autónoma de San Luis Potosi; Pedro Medellín-Milán, Universidad Autónoma de San Luis Potosi; José Luis Flores, Universidad Autónoma de San Luis Potosi, *Environmental History of Mining: a Case-Study of Wirikuta, Northeastern New Spain, 1772-1827.***1:20** Emily E. Atkinson*, San Diego State University; Kathleen A. Farley, PhD., San Diego State University; Lina Ojeda-Revah, PhD., El Colegio de la Frontera Norte; Ricardo Eaton, El Colegio de la Frontera Norte, *Understanding the Links Between Land-use Change and Policy: An Analysis of the Tijuana River Watershed.***1:40** Jacob Brenner*, Colgate University, *Buffelgrass and "Buffelismo" in the Sonoran Desert of Northwestern Mexico.***2:00** Kate Kirby*, University of British Columbia; Domingo Diaz, Panama City, Panama; Sarah Gergel, University of British Columbia, *Markets, Cultural Diversity and Landscape-Level Agrobiodiversity.***2:20** Robert A. Rice*, Smithsonian Institution, *The Fruits of Coffee: Products from an Agroforestry System.***2438. Social and Human Capital in China***Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Anthony Howell, Michigan State University

1:00 Oren Katz*, CSULA, *Economic spatial disparities in China - 1999 to 2006.***1:20** Fenghua Pan*, Peking University, UCLA; Jici Wang, Peking University, *Differences in Social Capital and its effects on Economic Development in China.***1:40** Haifeng Qian*, George Mason University, *The Geography of Human Capital in Chinese Cities.***2:00** Xiaochu Hu*, UNC-Greensboro, *Post 1980 Rural-Urban Migration Patterns in China: A Typology.***2:20** Anthony Howell*, Michigan State University, *Population Migration and Wage Disparities in Xinjiang, China.***2439. U.K. Perspectives on Geographical Education Research (Sponsored by International Network for Learning and Teaching Geography in Higher Education, Geography Education Specialty Group)***Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Michael N. Solem, Association of American Geographers

CHAIR(S): Michael N. Solem, Association of American Geographers

1:00 Mary A Biddulph*, University of Nottingham, England, *Performativity and young people's geographies in educational settings.***1:20** Fran Martin, Dr.*, University of Exeter, *Global School Partnerships: Neo-colonialism or good geography?.***1:40** Charles Rawding, Dr*, Edge Hill University, *What are the connections between subject developments in academic and school geography?.***2:00** Graham William Butt*, University of Birmingham, *Exploring possibilities for joint research in US and UK geography education.***2:20** David Lambert, Professor*, Institute of Education, London; Geographical Association, England, *Geography and 'capability': an e-scape approach to assessment.*

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2440. Market-Oriented Conservation Governance: Trick or Treat? Session 3 (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Robin Roth, York University; Wolfram Dressler, University of Queensland

CHAIR(S): Phuc Xuan To, Humboldt Uni. Berlin

1:00 Dolly Daftary, Doctoral Candidate*, School of Social Work, *Crafting producer citizens: The neoliberal state and the transformation of rainfed agriculture in India.*

1:20 Wolfram Dressler*, University of Queensland; Juan Pulhin, Professor, University of Philippines Los Banos, *Neither Here nor There: Negotiating the Middle Ground of the Agrarian Transition on Palawan Island, the Philippines.*

1:40 Robin Roth*, York University, *Constrained by Conservation, Liberated by Capitalism? Conservation induced livelihood change in Northern Thailand.*

2:00 Andy Lyons*, UC Berkeley; Dale Lewis, Wildlife Conservation Society, Zambia, *Market Driven Conservation in Zambia: Perspectives from Above and Below.*

Discussant(s): Peter Brosius, University of Georgia

2442. The Social and Ethical Dimensions of the Livestock Industry (Sponsored by Economic Geography Specialty Group)

Room: Top of the Riv Ballroom South, Riviera Monaco Tower, 24th 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 Ian MacLachlan*, University of Lethbridge, *The Livestock Revolution: A Chicken in Every Pot.*

1:20 Andrew Riely*, University of Texas at Austin, *Grass Fed Cattle Ranchers and Their Motivations.*

1:40 FNU Ga Er Rang*, University of Colorado-Boulder, *The anti-slaughter campaign in eastern Tibetan Plateau.*

2:00 Harvey Neo*, National University of Singapore; Grzegorz Micek, Jagiellonian University, Krakow; Janusz Górecki, Jagiellonian University, Krakow, *Resistance or Acceptance? FDI in the Polish pig industry.*

2:20 Sara Safransky*, UNC-Chapel Hill, *Pork Chop Politics: Constructing Rural Economies and Imagining Alternatives.*

2443. Geographies of Canada III: Human-Environment Interactions (Sponsored by Canadian Studies Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): David Robertson, State University of New York, Geneseo

CHAIR(S): David Robertson, State University of New York, Geneseo

1:00 Steve Rogers, CLS*, Office of the Surveyor General of Canada; Brian Ballantyne, MASc, PhD, LLB, Office of the Surveyor General of Canada; Peter Sullivan, CLS, ALS, MBA, Surveyor General of Canada, *How if not boundless bounded: Surveyed Parcels, Remoteness and Socio-Economic Well-Being on Indian Reserves.*

1:20 Megan Salhus*, York University, *Conflict and Cooperation: Human and Ecological Demands in Canadian Cohousing.*

1:40 David A. Rossiter*, Western Washington University, *From Logging to Leisure: Landscapes of Social and Environmental Change on Vancouver's North Shore.*

2:00 Jasmine A. Birk, MSc Candidate*, University of Saskatchewan; Bram F. Noble, PhD, University of Saskatchewan, *Institutional Development of Environmental Impact Assessment Follow-up in the Saskatchewan Uranium Mining Industry.*

2:20 Lawrence C. Nasen, M.Sc. Candidate*, University of Saskatchewan; Bram F. Noble, PhD, University of Saskatchewan, *Assessing the Impacts of Oil and Gas Activity on Grassland Ecosystems.*

2444. The Experiences of Immigrants and Refugees in Urban Areas: United States I (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

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

CHAIR(S): Thomas M. Kontuly, University of Utah

1:00 Thomas M. Kontuly*, University of Utah; Thomas N. Maloney, University of Utah, *Undocumented Migrants and Immigrants in Salt Lake County 1999 to 2007: Demographics, Residence and Geographic Mobility.*

2445. Water, science, humans: advancing the hydrosocial cycle III (Sponsored by Cultural and Political Ecology Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jessica Budds, The Open University; Jamie Linton, Queen's University

CHAIR(S): Jessica Budds, The Open University

Introducer: Jessica Budds, The Open University

1:20 Jamie Linton, PhD*, Queen's University, *The Hydrosocial Cycle and the Politics of Drinking.*

1:40 Andy Karvonen*, University of Texas at Austin, *Governing the Hydrosocial Cycle: Bureaucrats, Activists, Citizens.*

2:00 Jeffrey M. Banister*, University of Arizona, *Plague of Experts: Irrigation and the Politics of Chaos in Northwest Mexico.*

2:20 Patrick O Forest, Postdoctoral fellow*, Dartmouth College, *Social practices and the implementation of a transboundary hydrosocial cycle: a case study from the Canada-U.S. border.*

2446. Practices and Landscapes of Militarization I: The Construction of Militarized Places (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Richelle Bernazzoli, University of Illinois, Urbana-Champaign; Elizabeth Lee, University of British Columbia

CHAIR(S): Colin Flint, University of Illinois

1:00 Takashi Yamazaki, PhD*, Osaka City University, *The Militarization of a Local Community by the U.S. Military Presence: The Case of Pre-Reversion Okinawa, Japan.*

1:20 Richelle M. Bernazzoli, M.A.*, University of Illinois, Urbana-Champaign, *Militarization After the Draft: United States Defense Policy and the Making of Militaristic Places in the Age of the All-Volunteer Force.*

1:40 Jeremy Nemeth*, University of Colorado, *The closed city: Downtown security zones and the loss of public space.*

2:00 Mark Gillem, PhD*, University of Oregon, *America Town: Building the Outposts of Empire.*

Discussant(s): Deborah Cowen, University of Toronto

MONDAY, MARCH 23 • 1:00 PM - 2:40 PM • 2400**2447. The Land Use Portfolio Model for natural-hazards mitigation decision making: Case studies, decision-support tool, and mathematics**

Room: North Hall N108, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Richard Anthony Champion, United States Geological Survey

CHAIR(S): Susan Benjamin, United States Geological Survey
Introducer: Susan Benjamin

1:15 Peter Ng*, United States Geological Survey, *Demonstration of The Land Use Portfolio Model, Version 1.0 Software.*

1:35 David Robert Strong*, United States Geological Survey; Richard L Bernknopf, PhD, U.S. Geological Survey; Paul P Hearn, PhD, U.S. Geological Survey; Nicolas Luco, U.S. Geological Survey; Erdem Karaca, PhD, Swiss Reinsurance America Corporation, *A Web-based Tool for Cost-Benefit Analysis of Earthquake Hazard Mitigation Policy in Memphis, Tennessee.*

1:55 Richard Anthony Champion*, United States Geological Survey, *A Bernoulli formulation of the Land-Use Portfolio Model.*

2:15 Laura Dinitz*, United States Geological Survey, *Applying the Land Use Portfolio Model to estimate natural-hazards loss and risk: A demonstration analysis for landslides in Ventura County, California.*

2448. Time Geography: New Possibilities in the 21st Century (I) (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Hongbo Yu, Oklahoma State University; Shih-Lung Shaw, University of Tennessee

CHAIR(S): Hongbo Yu, Oklahoma State University

1:00 Darren M. Scott*, McMaster University, *Modeling Elements of the Space-Time Prism Time Window.*

1:20 Harvey J. Miller*, University of Utah; Walied Othman, Hasselt University; Tetsuo Kobayashi, University of Utah, *Error in Space-time Prisms and their Intersections.*

1:40 Hongmian Gong, PhD.*, Hunter College of the City University of New York; Cynthia Chen, PhD., City College of New York; Catherine T. Lawson, PhD., University at Albany; Evan Bialostozky, Hunter College of the City University of New York; Pyungho Kim, Hunter College of the City University of New York, *Possibility of Passive Person-based GPS Travel Survey in New York City.*

2:00 Kathleen Stewart Hornsby*, University of Iowa; Naicong Li, University of Redlands, *Characterizing Spatiotemporal Paths of Movement.*

2:20 Hongbo Yu*, Oklahoma State University; Shih-Lung Shaw, The University of Tennessee, *A Space-Time GIS for Exploring Clusters in a Large Trajectory Dataset.*

2449. Author Meets the Critics: Joel Wainwright's "Decolonizing Development: Colonial Power and the Maya"

Room: North Hall N110, Las Vegas Convention Center (Panel Session)
ORGANIZER(S): Paul Robbins, University of Arizona
CHAIR(S): Paul Robbins, University of Arizona

Panelists: Najeeb Jan, University of Colorado; Anna J Secor, University of Kentucky; Paul Robbins, University of Arizona; Matthew John Taylor, University of Denver; Geoff Mann, Simon Fraser University; Sarah A Moore, University of Arizona; Joel D Wainwright, The Ohio State University

2450. Geographies of Waste and Disposal 3: Critical Approaches to environmental justice and political economies of waste (Sponsored by Socialist and Critical Geography Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Risa C. Whitson, Ohio University; Kate Parizeau, University of Toronto

CHAIR(S): Risa C. Whitson, Ohio University

1:00 Michelle Yates*, UC Davis, *Human Waste and Contemporary Capitalism.*

1:20 Kate Parizeau*, University of Toronto, *Demystifying economic exploitation in the informal recycling industry in Buenos Aires, Argentina.*

1:40 Jesse Goldstein*, City University of New York, *From common waste to wasted commons: the transformation of 'waste' in and through the rise of capitalist social property relations.*

2:00 Risa C. Whitson*, Ohio University, *Crisis, Displacement, and Managing Absence: Understanding the spatial politics of waste in Buenos Aires.*

2:20 Catherine Alexander*, Goldsmiths, University of London, *Post-socialist wastelands.*

2451. Zoogeography

Room: North Hall N112, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): Latha Malar Baskaran

1:00 Joni Downs*, University of South Florida, *Estimating Animal Home Ranges Using Characteristic Hulls.*

1:20 Shelley D Miller, B.S. Geology*, Texas State University-San Marcos, TX, *Comparative Study of the Spatial Organization and Zoogeomorphic Effects of Black-Tailed Prairie Dogs on Grassland Habitat.*

1:40 L. Lynnette Dornak*, University of Kansas, *Comparison of Three Breeding Grassland Sparrows Through Space and Time.*

2:00 Latha Malar Baskaran*, Oak Ridge National Laboratory; Virginia Dale, Oak Ridge National Laboratory, *Modeling Impacts of Bioenergy Feedstock Driven Water Quality Changes on Habitat of Species.*

2452. Islands of Sorrow, Islands of Hope: The Geography of Human-environment Interactions on Islands.

Room: North Hall N113, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Ian Breckheimer, University of North Carolina at Chapel Hill

CHAIR(S): Ian Breckheimer, University of North Carolina at Chapel Hill

Discussant(s): Ian Breckheimer, University of North Carolina at Chapel Hill

2453. The 'New Urban Politics' Two Decades On, III: Spaces of Urban Political Resistance and Democracy

Room: North Hall N114, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Martin R. Jones, University of Wales, Aberystwyth; Gordon MacLeod, University of Durham
CHAIR(S): Gordon MacLeod, University of Durham

1:00 Ted Rutland*, University of British Columbia, *Creativity and Finance Capital.*

1:20 David Wilson*, University of Illinois; Carolina Sternberg, University of Illinois, *New Urban Politics, Growth Governances, and Contemporary Chicago: Adjustments, Modifications, Realignments.*

1:40 IWONA SAGAN, Prof.*, University of Gdansk, *Fragile democracy and high demanding entrepreneurial urban policy. Some reflections from Poland.*

2:00 Roger Keil*, York University, *The Global City Comes Home: Frankfurt Politics Turns In On Itself.*

Discussant(s): Katharine N. Rankin, University of Toronto

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2454. Geographies of Art 3: Making and remaking urban space

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Harriet Hawkins

CHAIR(S): Harriet Hawkins

1:00 Cian O' Callaghan*, NIRSA, NUI Maynooth, *'It couldn't just be about Cork like': Mobilising and managing the arts in European Capital of Culture 2005 Cork, Ireland.*

1:20 Vanessa Mathews*, University of Toronto, *Trading Signs: Resisting the Singularization of Space via Creative Productions.*

1:40 Ben Campkin*, UCL Urban Laboratory, *Art and Urban Transformation: Representing Blight and Regeneration in Contemporary London.*

2:00 Luke Dickens*, Royal Holloway, University of London, *"I don't wear a hoodie and I don't own a baseball cap": post-graffiti, art worlds and the city.*

2455. Geographies of Schmitt's Nomos of the Earth I (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Stephen Legg, University of Nottingham

CHAIR(S): David Atkinson, University of Hull, UK

1:00 Stephen Legg*, University of Nottingham, *Inter-war spatial chaos? Imperialism, internationalism and Schmitt's reading of the League of Nations.*

1:20 Mathew Coleman*, Ohio State University, *Spatializing Enmity: Schmitt's Meta-Cartographies of Conflict.*

1:40 Timothy W. Luke*, Virginia Tech, *Appropriating, Distributing, and Producing Space After 9/11: The Newest Nomos of the Earth.*

2:00 Gerry Kearns*, Virginia Tech, *Law and Space: the neo-Schmittians of the American Imperium.*

Discussant(s): Simon Dalby, Carleton University

2456. Advances in Paleoclimatology: Moisture Changes through Time and their Impacts III (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Andrea Brunelle, University of Utah; Kurt F.

Kipfmüller, University of Minnesota

CHAIR(S): Andrea Brunelle, University of Utah

1:00 Bryan N Shuman*, University of Wyoming; Anna K Henderson, University of Minnesota; Thomas Minckley, University of Wyoming; Jacqueline J. Shinker, University of Wyoming, *Evidence of multi-century to multi-millennial droughts in the Colorado River headwaters region during the past 8000 years.*

1:20 Jacqueline J. Shinker*, University of Wyoming, Department of Geography; Bryan N. Shuman, University of Wyoming; Thomas A. Minckley, University of Wyoming, Department of Botany, *Modern analogs of climatic controls on long-term drought in the North Platte River headwaters of Wyoming.*

1:40 Zachary Lundeen*, University of Utah; Andrea Brunelle, PhD, University of Utah, *A Paleoclimatic Perspective on Water Resources of the Bear River Basin.*

2:00 R. Daniel Griffin*, Department of Geography and Laboratory for Tree-Ring Research, University of Arizona, Tucson; Connie A. Woodhouse, Department of Geography and Laboratory for Tree-Ring Research, University of Arizona, Tucson, *The Use of Tree-Ring Reconstructions in Drought Planning, and New Potential in California.*

2:20 Erika Wise*, University of Arizona, *Multicentury climate-streamflow linkages in the north-central Rocky Mountains.*

2457. Hazards: Resilience and Disaster Management

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John A. Harrington, Kansas State University

1:00 Samuel Schramski*, University of Florida; Eric Keys, PhD, University of Florida, *Soot saying: Charcoal production, natural hazards and prospects for resilience.*

1:20 Christina Griffin*, University of South Carolina, *Gender and Social Capital: Rebuilding Networks Postdisaster.*

1:40 Andrew J. Greenlee*, The University of Illinois at Chicago, *The Geography of Social Vulnerability in Illinois' Housing Choice Voucher Program.*

2:00 Denise Blanchard-Boehm, PhD*, Texas State University, *The Science of Saving Venice.*

2:20 John Harrington, Jr.*, Kansas State University; Colin Polsky, Clark University, *Coupling Natural and Human Systems: A Methodological Assessment.*

2458. Media Geography III: Media and the Body 1 (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): James Craine, California State University

Northridge; Christopher M. Moreno, San Diego State University

CHAIR(S): Giorgio Hadi Curti, San Diego State University

1:00 Christopher M. Moreno*, San Diego State University, *Drug Media Imaginings: Body, Space, and America's War on Drugs.*

1:20 Barb'ra-Anne Carter, PhD. Student*, University of Oklahoma, *Fat Ladies Go Shopping: hidden behind housewares, the geography of the plus-size retail industry.*

1:40 Jacque Miceli*, Syracuse University, *Bodies (th)at Work: Visualizing Disabled (hetero)Sexuality in the National Exception.*

2:00 Murat Es*, University of North Carolina, *Frank Miller's 300: Hollywood and the Production of Civilizational Exclusivism.*

2:20 Tamara M Johnson*, University of North Carolina - Chapel Hill; Joseph Palis, University of North Carolina--Chapel Hill, *"Where There Is No Happy Ending": Embodiment. Mobility and Subalternity in Enchanted.*

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2459. World Cities and Global Production Networks 3 (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Alain Thierstein, Munich University of Technology; Stefan Lüthi, Munich University of Technology

CHAIR(S): Frank Witlox, Ghent University

1:00 Stephanie Vervaeke*, Ghent University; Ben Derudder, Ghent University; Koen Vlassenroot, Ghent University; Frank Witlox, Ghent University, *Neither world city nor megacity: Mbuji-Mayi (Congo) as a booming node in transnational flows.*

1:20 Elisabeth Schein*; Alain Thierstein, *Urban Space of emerging Cities in the Knowledge Economy Context: Three Case Studies on the Arabian Peninsula.*

1:40 Maria Gravari-Barbas*, IREST, *Global architects ?Implications of (st)architecture Networking and urban landscapes.*

2:00 Stephen J. Ramos*, Harvard University Graduate School of Design, *Large-Scale Trade Infrastructure as a Territorial Structuring Mechanism: The Case of Dubai's Jebel Ali Port and Industrial Complex.*

2:20 Uljana Agibetova*, UMR ESO Rennes University, *title.*

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2501. Urban Symbolic Spaces

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thomas Puleo, ASU

3:10 James Wesley Scott*, University of Joensuu, Finland, *Postsocialism and Urban Symbolism: Spaces of Transformation in Budapest.*

3:30 Franca Miani*, University of Parma, *Public Spaces in the Transforming Cities. Emerging Trends from Western to Eastern Countries of the World.*

3:50 Pablo Fuentenebro*, University of California - Los Angeles, *Libraries: Flagship architecture and the rise of a global phenomenon.*

4:10 Magali Eve Chevalier*, York University, *Nationalism and Urban Public Space in Havana, Cuba: 1898 - Present.*

4:30 Thomas Puleo*, ASU, *The Agency of the Inanimate: Sourcing the Baroque Face of the Parasite in Val di Noto, Sicily.*

2504. What is distinct about the new carbon economy, what are connected climate governance challenges and consequences? Session II (Sponsored by Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Maxwell Boykoff, University of Oxford; Emily Boyd

CHAIR(S): Adam Bumpus, University of Oxford

3:10 Kathleen McAfee*, San Francisco State University, *Market Efficiency and Socionature in North-South Environmental Services Trade.*

3:30 Maxwell Boykoff, Oxford University; Emily Boyd*, Oxford University, *Rendering climate adaptation an equivalent concern in the 'new' carbon.*

3:50 Brian J. J. Gareau, PhD*, University of California - Santa Cruz, *The Social Organization of the Montreal Protocol.*

4:10 Roopali Phadke*, Macalester College, *Resisting Big Wind: Rural Challenges to the New Energy Economy.*

Discussant(s): Scott Prudham, University of Toronto

2505. The future of cultural geography: twenty years since "Maps of Meaning". (Sponsored by Cultural Geography Specialty Group)

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Tim Cresswell, Royal Holloway, University of London

CHAIR(S): Mona Domosh, Dartmouth College

Panelists: Dydia DeLyser, Louisiana State University; Kenneth R. Olwig, Swedish University of Agricultural Sciences, Alnarp; Tim Cresswell, Royal Holloway, University of London; Philip Crang, Royal Holloway, University of London; Patricia L. Price, Florida International Univ.

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- 2506. Anarchism, Autonomia, and the Spatialities of Revolutionary Politics and Theory 4 (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)**
Room: *Royale Pavilion 1, Riviera Hotel, 1st Floor* (Panel Session)
ORGANIZER(S): Nathan Lee Clough, University of Minnesota; Renata Blumberg, University of Minnesota
CHAIR(S): Nathan Lee Clough, University of Minnesota
Panelists: Stevphen Shukaitis, University of London, Queen Mary; Mark H. Purcell, University of Washington; Nik Heynen, University of Georgia; Susan Ruddick, University of Toronto; Pierpaolo Mudu, Università Di Roma
- 2507. Spatial Strategies of Indigenous Resistance IV - Language and Identity (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)**
Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): RDK Herman, National Museum of the American Indian
CHAIR(S): Chantelle Richmond, The University of Western Ontario
3:10 Candice Luebbering*, Virginia Tech, *The research of linguists, the tool of the geographer: Evaluating language maps from a cartographic perspective.*
3:30 Margaret Knox*, University of Wisconsin Oshkosh, *Re-creating identities within Indian Nations: implications and strategies.*
3:50 Maya Daurio*, University of Montana, *Exploring Perspectives on Landscape and Language among Kaike Speakers in Dolpa, Nepal.*
4:10 Teresa H. Cohn*, Montana State University, *Netniintonoo: Revitalizing the Arapaho Language Through Children's Photography.*
4:30 Mike Danson, Professor*, University of the West of Scotland; Douglas Chalmers, Dr, Glasgow Caledonian University, *The Economic Impact of Gaelic Arts and Culture within Glasgow: Minority Languages and Post-Industrial Cities.*
- 2508. Indigenous Methodologies: Teaching Indigenous Perspectives in the Academy (Sponsored by Indigenous Peoples Specialty Group)**
Room: *Royale Pavilion 3, Riviera Hotel, 1st Floor* (Panel Session)
ORGANIZER(S): Jay T. Johnson, University of Kansas; Renee Pualani Louis, Hawaii Board on Geographic Names
CHAIR(S): Renee Pualani Louis, Hawaii Board on Geographic Names
Introducer: Renee Pualani Louis
Panelists: Gregory Cajete, University of New Mexico; Jay T. Johnson, University of Kansas
- 2509. Social and economic perspectives on the Russian Far East (Sponsored by Russian, Central Eurasian, and East European Specialty Group)**
Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Megan Dixon, University of Oregon
CHAIR(S): Jessica K. Graybill, Colgate University
3:10 Elena Litsareva*, *Social and economy problems of Siberian and Far Eastern integration into the economic connection global system.*
3:30 Oxana Sharafieva*, *Latent Social and Ethnic Tension in Siberia Region (Case study).*
3:50 Alexander Kozhevnikov*, *What are the expected social effects if the situation at the Russian Far East would become unfavorable?.*
- 2515. Assessing Environmental Disturbance to Forest Ecosystems: Linking regional approaches to place based research. (Sponsored by Biogeography Specialty Group, Human Dimensions of Global Change Specialty Group, Remote Sensing Specialty Group)**
Room: *Capri 102, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Laura C. Schneider, Rutgers University; John Rogan, Clark University
CHAIR(S): Laura C. Schneider, Rutgers University
3:10 Martin Mitchell, PhD in Geography*, Minnesota State University; Fei Yuan, Minnesota State University, *Forest Fires and Remote Sensing in the Black Hills, South Dakota.*
3:30 Zachary Christman*, Clark University; Marco Millones, Clark University; John Rogan, Clark University; Laura Schneider, Rutgers University; Birgit Schmook, El Colegio de la Frontera Sur [ECOSUR]; Deborah Lawrence, University of Virginia, *Rapid Reconnaissance Mapping with MODIS: Hurricane Impacts upon Vegetation in a Sub-Tropical Forested Landscape.*
3:50 Laura C. Schneider*, Rutgers University, *Assessing the spread of plant invasions in deciduous tropical forests.*
4:10 Maggi Kelly*, University of California; Qinghua Guo, UC Merced; Marek Jakubowski, UC Berkeley; Alessandro Montagni, University of Firenze, Italy; Hong Yu, UC Merced, *Lidar for measuring forest structure for fire and habitat provision before and after forest treatments.*
Discussant(s): John Rogan, Clark University
- 2516. R.S. Tarr Student Illustrated Paper Competition (Sponsored by Cryosphere Specialty Group)**
Room: *Capri 103, Riviera Hotel, 1st Floor* (Illustrated Paper Session)
ORGANIZER(S): Andrew Klein, Texas A&M University
CHAIR(S): Andrew Klein, Texas A&M University
Introducer: Andrew Klein
3:13 Iliyana Dobрева*, Texas A&M University, College Station; Andrew Klein, Texas A&M University, College Station, *Fractional Snow Cover Mapping through Artificial Neural Network Analysis of MODIS Surface Reflectance.*
3:16 E Rachel Bernstein*, Department of Geography, University of Delaware; Cathy Geiger, PhD, Department of Geography, University of Delaware; Tracy DeLiberty, PhD, Department of Geography, University of Delaware, *Sea Ice Mass Balance Fluxes in the Southern Ocean.*
3:19 Vena Chu*, UCLA; Laurence C. Smith, UCLA; Asa K. Rennermalm, UCLA; Richard R. Forster, University of Utah; Jason E. Box, The Ohio State University; Niels Reeh, Technical University of Denmark, *Rapid response of sediment plumes to Greenland ice-sheet surface melt.*
3:22 Zhaohui Chi*, Dept of Geography, Texas A&M University; Andrew G. Klein, Dept of Geography, Texas A&M University, *Remote Sensing of Ice Sheet Surface Temperature in the Lambert Glacier-Amery Ice Shelf System, Antarctica.*

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- 2517. 30 Years of Landscape Change in California and the West**
Room: Capri 104, Riviera Hotel, 1st Floor (Illustrated Paper Session)
 ORGANIZER(S): Benjamin Sleeter, United States Geological Survey
 CHAIR(S): Benjamin Sleeter, United States Geological Survey
3:10 Benjamin M Sleeter*, United States Geological Survey, *Late 20th Century Landscape Change in California.*
3:15 Christopher E. Souland*, United States Geological Survey, *Land-cover trends in the forested ecoregions of California: Sierra Nevada and Southern California Mountains.*
3:20 Daniel G Sorenson*, United States Geological Survey, *Land-cover Change for the Eastern Cascades Foothills and Cascades Ecoregions in California, 1973 - 2000.*
3:25 Kristi L Saylor*, United States Geological Survey, *Land Cover Trends Project Status and Preliminary U.S. Results.*
3:30 Amy Mathie*, United States Geological Survey; Benjamin Sleeter, USGS, *Comparison of Land-use/Land-cover Change in the California Central Valley and Oak Woodlands Ecoregions.*
3:35 Tamara Wilson*, United States Geological Survey, *California's Klamath and Coast Range Mountains - Nearly Three Decades of Landcover Change.*
3:40 Susan Benjamin*, United States Geological Survey; Benjamin Sleeter, U.S. Geological Survey, *Land Cover Trends in the Western U.S.*
3:45 James Calzia*, US Geological Survey, *Land Cover Trends of The California Desert, 1973-2000.*

- 2518. Advances in Cartography - 2**
Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Waldo R. Tobler, University of California, Santa Barbara
3:10 Jochen Wendel*, University of Colorado at Boulder; Barbara P. Buttenfield, University of Colorado at Boulder, *Cartographic Generalization by Shape Type.*
3:30 Bin Li*, Central Michigan University, *An approach to depicting geographic patterns of bi-variate relationships.*
3:50 Irene M Seelye*, University of Nevada Reno, *Defending the Borders: Honing the Edges of Organized Fencing.*
4:10 Ian Irmischer*, USMA; Darrell Lytle, USMA, *Web-based Thematic Cartography Instruction: Methods and Assessment.*
4:30 Waldo R. Tobler, Geographer*, University of California, Santa Barbara, *Inversion of maps on implicit projections.*

- 2519. Beyond the "Post" and Revisionist Discourses in African Development. Session III: Post Conflict Rebuilding in the Horn and West Africa (Sponsored by Africa Specialty Group)**
Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Francis Owusu, Iowa State University; Ikubolajeh Logan, Penn State
 CHAIR(S): Francis Owusu, Iowa State University
3:10 Johnathan B. Bascom, Professor*, Calvin College, *Banking on Community: Indigenous Credit Associations in Eritrea.*
3:30 Jessica S. Lehman*, The University of British Columbia, *Intermediate Institutions and Spaces of Governance: The Case of Sierra Leone's Diamond Industry.*
3:50 Iddrisu Adam, PhD*, University of Wisconsin - Marshfield, *Decentralization in Ghana: An experiment in Devolution of Power.*

- 4:10** Assefa Mehretu*, Michigan State University, *Dealing with Problematic Narratives on Difference and Identity in the Horn of Africa: The Case of Ethiopia and its Neighbors.*

- 4:30** Abdi Samatar*, University of Minnesota, *The Terror of War in the Horn Africa.*

2520. Topics in Geomorphology

- Room:** Capri 107, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Norman Meek, California State University
3:10 Kate Johnson*, University of Victoria; Dan J Smith, PhD, University of Victoria, *Dendroglaciological evidence for Late Holocene glacier activity at White and South Flat glacier, Cambria Icefield, northern British Columbia Coast Mountains.*
3:30 William C Clark, BS, MS*, Department of Geography and Environmental Engineering, United States Military Academy; Heidi H Natel, BS, MS, ABD, Department of Geography and Environmental Engineering, United States Military Academy; Jonathan P Wood, United States Military Academy; Shawn M Soviak, United States Military Academy, *Stratigraphic Mapping of Till and Ancient Forests using Ground Penetrating Radar: Bering Glacier, Alaska.*
3:50 Monika Mihir, Assistant Professor*, Northeastern Illinois University; Thad A Wasklewicz, Associate Professor, East Carolina University, *Scalar variability in debris flow fan topography, Eastern Owens Valley, CA.*
4:10 Charles W. Martin*, Kansas State University, *Recent Changes in Heavy Metal Storage, Lahn River, central Germany.*
4:30 Norman Meek*, California State University, *How (In) Effective is the Headward Erosion Process?.*

2524. U.S.-Mexico Border Environmental Health

- Room:** Capri 112, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Laura Margaret Norman, United States Geological Survey; Jean Parcher, United States Geological Survey
 CHAIR(S): Laura Margaret Norman, United States Geological Survey
3:10 Laura Margaret Norman*, United States Geological Survey; I. Shea Burns, USDA - ARS Southwest Watershed Research Center; Lainie Levick, USDA - ARS Southwest Watershed Research Center; James B. Callegary, U.S. Geological Survey, *Planning Land and Water-Resource Management in the Upper Santa Cruz Watershed, Arizona and Sonora, Mexico.*
3:30 Jean Parcher*, United States Geological Survey; Diana Papoulas, Dr., U.S. Geological Survey, *An Introduction to the U.S.-Mexico Border Environmental Health Research.*
3:50 Sylvia Natalia Wilson, Geographer*, U.S. Geological Survey, *Creating a Relational Geodatabase of Contaminants in Biota for the United States-Mexico Border Region.*
4:10 William G. Kepner*, U.S. Environmental Protection Agency; Kenneth G. Boykin, New Mexico State University, New Mexico Cooperative Fish and Wildlife Research Unit, *Modeling Landscape-scale Ecosystem Services Relative to Biodiversity in the Upper San Pedro River Basin (U.S.-Mexico).*
4:30 Patricia Boda, PhD*, Middle Tennessee State University, *International Trade of Health Care.*

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2525. Program Assessment in Higher Education (Sponsored by Geography Education Specialty Group)

Room: Capri 113, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Janet Stuhrenberg Smith, Shippensburg University

CHAIR(S): Janet Stuhrenberg Smith, Shippensburg University

Panelists: Gillian Acheson, Southern Illinois University-Edwardsville; James Daniel Lowry, University of New Orleans; Janet Stuhrenberg Smith, Shippensburg University

2526. Remote sensing of land surface phenology (Sponsored by Biogeography Specialty Group, Remote Sensing Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Willem J.D. Van Leeuwen, University of Arizona

CHAIR(S): Willem J.D. Van Leeuwen, University of Arizona

3:10 Stephen Yool*, University of Arizona, *A Nexus Between Phenology and Infectious Disease?*

3:30 J. Ronald Eastman*, Clark Labs, Clark University, *A Procedure for Seasonal Trend Analysis of Land Cover Dynamics*.

3:50 Tomoaki F. Miura*, University of Hawaii at Manoa; Jesslyn F. Brown, U.S. Geological Survey Earth Resources Observation and Science Center; Yingxin Gu, ASRC Research & Technology Solutions, U.S. Geological Survey Earth Resources Observation and Science Center; Michele R. Harman, University of Hawaii at Manoa, *Comparison of Four Empirical Cross-calibration Methods for AVHRR-MODIS NDVI Translation for Phenology Studies*.

4:10 Yingxin Gu*, ASRC, Contractor to USGS EROS; Jesslyn F. Brown, USGS EROS; Willem van Leeuwen, University of Arizona; Bradley C. Reed, USGS; Tomoaki Miura, University of Hawaii, *Phenologic classification of the United States: A framework for vegetation drought monitoring*.

4:30 Willem J.D. van Leeuwen, Dr*, University of Arizona, Tucson, AZ, USA.; Jahan Kariyeva, University of Arizona, Tucson, AZ, USA.; Jesslyn F. Brown, U.S. Geological Survey, Sioux Falls, SD, USA., *Multi-Sensor Characterization of Land Surface Phenology for Selected Rangeland Sites and Latitudinal Gradients*.

2527. GIScience and the Urban Geography of Health II

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Seth Spielman, Brown University

CHAIR(S): Seth Spielman, Brown University

3:10 Juliana Maantay, PhD., M. U.P.*, Lehman College/CUNY; Andrew R Maroko, City University of New York, Lehman College and Graduate Center; Kristen Grady, City University of New York, Lehman College; Nancy Sohler, PhD., City University of New York Sophie Davis School of Biomedical Education, *The Relationship between Park Accessibility and Socio-demographic factors in New York City*.

3:30 Alan M. Delmerico, MA*, Center for Health and Social Research, Buffalo State College; Jared Aldstadt, PhD, Department of Geography, University at Buffalo; William F. Wiczorek, PhD, Center for Health and Social Research, Buffalo State College, *Under-diagnosis of Diabetes and Cardiovascular Disease in Self-reported Health Data*.

3:50 Haywon Lee*, Princeton University, *A Temporal and Spatial Perspective on Neighborhood Effects on Health: Implications for Racial Health Disparities*.

4:10 Daikwon Han*, Texas A&M University, *Representation and Modeling of Time-location Data: Exploring the Use of GPS-collected Data in Environmental Health Studies*.

4:30 Linda A Beale, PhD*, Imperial College London; Lars Jarup, PhD, Imperial College London, *Assessing relationships between the environment and health*.

2528. Understanding Coupled Natural-Human Systems - developing competitive ideas for the NSF CNH program

Room: Capri 116, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): David L. McGinnis, Montana State University - Billings; Thomas J. Baerwald, National Science Foundation

Panelists: Thomas J. Baerwald, National Science Foundation; David L. McGinnis, Montana State University - Billings; Colin Polsky, Clark University; Kenneth R. Young, University of Texas at Austin; Emily Yeh, University of Colorado; Tom Evans, Indiana University; David A. Bennett, University of Iowa

2529. Geography in the Americas: Resources for Supporting International Collaboration (Sponsored by Conference of Latin Americanist Geographers, Association of American Geographers, Latin America Specialty Group)

Room: Skybox 201, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Patricia Solís, Association of American Geographers; Matthew Hamilton, Association of American Geographers

CHAIR(S): Patricia Solís, Association of American Geographers

Panelist(s): Santiago Borrero, Secretary General, Pan American Institute of Geography and History of the Organization of American States; Ned Strong, Executive Director of LASPAU: Academic and Professional Programs for the Americas, Harvard University; Nicole Stahlmann, Director of Fellowship Programs, American Council of Learned Societies; Ibrahim M. Shaqir, Director of the Office of International Research Programs, Agricultural Research Service, U.S. Department of Agriculture; Mark Caicedo Editor, Inter-American Foundation; Jessica Robin Americas Program Officer, Office of International Science and Engineering, U.S. National Science Foundation

2530. Spatiotemporal patterns of hydrological and ecological processes (Sponsored by Water Resources Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): David Scott Mackay, State University of New York at Buffalo; Michael Loranty

CHAIR(S): David Scott Mackay, State University of New York at Buffalo

3:10 David Scott Mackay*, State University of New York at Buffalo; Michael M Loranty, State University of New York at Buffalo; Brent E Ewers, University of Wyoming; Elizabeth Traver, Dartmouth College; Eric L Kruger, University of Wisconsin; David E Roberts, State University of New York at Buffalo, *Representativeness of plots for scaling hydrological and ecological processes in forests*.

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- 3:30** Michael Loranty*, University at Buffalo SUNY; D. Scott Mackay, PhD, University at Buffalo SUNY; Brent E Ewers, PhD, University of Wyoming, Department of Botany; Eric L Kruger, PhD, University of Wisconsin - Madison, Department of Forest and Wildlife Ecology; Paul V Bolstad, PhD, University of Minnesota, Department of Forest Resources; Bruce Cook, PhD, University of Minnesota, Department of Forest Resources; Ryan Anderson, NTSG, University of Montana, College of Forestry, *Linking form and function: using LiDAR to detect variable stomatal conductance.*
- 2531. Taking the results back to the field: doing research, dissemination, and analysis (Sponsored by Geographic Perspectives on Women Specialty Group)**
Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Kathleen O'Reilly, Texas A&M University; Ben Page
 CHAIR(S): Ben Page
3:10 Rebecca Lave*, Indiana University, *Bringing research results back to a highly contested field: avoiding Mercutio's fate.*
3:30 Bilal Butt*, University of Wisconsin - Madison, *Underneath the Acacia Tree: Disseminating Nature-Society Research amongst Maasai Pastoralists in Kenya.*
3:50 Gabriel Cumming*, Duke University; Carla Norwood, University of North Carolina at Chapel Hill, *Facilitating research dissemination by enhancing local relevance.*
4:10 Ben Page*, UCL, *Keeping Everyone Happy: the cost and content of dissemination in the field.*
4:30 Kathleen O'Reilly*, Texas A&M University; Richa Dhanju, Texas A&M University, *"This report is totally wrong! (yeh report ek dum galat hai!)": failures of feminist ethnography.*
- 2532. Cyberinfrastructure Specialty Group Student Paper Competition (Sponsored by Cyberinfrastructure Specialty Group)**
Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Dawn J. Wright, Oregon State University
 CHAIR(S): Dawn J. Wright, Oregon State University
 Introducer: Dawn J. Wright
3:15 Wenwen Li*, George Mason University; Chaowei Yang, George Mason University; Rob Raskin, Jet Propulsion Laboratory; Peter Fox, National Center for Atmospheric Research, *An Enhanced Feature Matching Model for Similarity Measurement in the Semantic Web.*
3:35 Hyowon Ban*, The Ohio State University; Ola Ahlqvist, The Ohio State University, *Representing and Negotiating Uncertain Exurban Concepts with User Evaluation.*
3:55 Dylan Keon*, Oregon State University; Cherri Pancake, Northwest Alliance for Computational Science & Engineering; Harry Yeh, Oregon State University; Tom Logan, Arctic Region Supercomputing Center, *The Tsunami Computational Portal: Distributed Infrastructure for Executing and Comparing Multiple Computational Models.*
4:15 Ick Hoi Kim*, San Diego State University, *Geospatial Simulation and Visualization Web Portal Using the TeraGrid.*
- 2533. Transformation of China's Cities and Regions (II) (Sponsored by Urban Geography Specialty Group, China Specialty Group)**
Room: Skybox 205, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Fulong Wu, Cardiff University
 CHAIR(S): Laurence J.C. Ma, The University of Akron
 Panelists: Fulong Wu, Cardiff University; Kam Wing Chan, University of Washington; Cindy Fan, UCLA; Youtien Hsing, University of California at Berkeley; Yehua Dennis Wei, University of Utah; Anthony Yeh, University of; John Logan, Brown University; George Lin, University of Hong Kong; Si-Ming Li, Hong Kong Baptist Univ; Laurence J.C. Ma, The University of Akron
- 2534. Geographies of Health II: Dynamics of Space-Time Use: Patterns and Consequences of Activity Space (Sponsored by Medical Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**
Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Mei-Po Kwan, Ohio State University; Martin Dijst, Utrecht University
 CHAIR(S): Mei-Po Kwan, Ohio State University
3:10 Ruth D. Peterson*, Ohio State University, *Dynamic Individual and Neighborhood Activity Patterns: Implications for Problem Behaviors among Distinct Groups.*
3:30 Christopher R. Browning*, Ohio State University; Heather Washington, Ohio State University; Kate Calder, Ohio State University; Lauren Krivo, Ohio State University; Mei-Po Kwan, Ohio State University; Ruth Peterson, Ohio State University, *Adolescent Activity Space and Risk Behavior: The Joint Effects of Neighborhood and School Contexts.*
3:50 Mei-Po Kwan*, Ohio State University; Tim Hawthorne, Ohio State University; Laurie Krivo, Ohio State University; Aubrey Jackson, Ohio State University, *Activity-Space Measures for Studying Spatial Crime and Social Isolation.*
 Discussant(s): Sara McLafferty, University of Illinois; Yonette Thomas, National Institutes of Health
- 2535. Indigenous Tourism 2 (Sponsored by Recreation, Tourism, and Sport Specialty Group, Indigenous Peoples Specialty Group)**
Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Lorri K. Krebs, Salem State College; Sanjay K Nepal, Texas A&M University
 CHAIR(S): Lorri K. Krebs, Salem State College
3:10 Michelle Palma*, University of Georgia, *Critical Interactions: Socio-spatial complexities of tourist and native-Fijian relations.*
3:30 Sonya Graci, Dr. *, Ted Rogers School of Hospitality and Tourism Management, Ryerson University, *Examining the Potential for Aboriginal Ecotourism in Ontario.*
3:50 David Bruce Weaver, PhD*, Griffith University, Australia, *Spatiality and Stages of Indigenous Tourism Development.*
4:10 Andrea Sabelli, MA Geography*, *Aboriginal Tourism as an Economic Development Strategy: The Case of Quebec.*
4:30 Anna Katherine Dvorak*, California State University, Northridge, *The Impact of Tourism on the Loss of Maya Identity in Belize.*

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2536. Geography for Life, 2nd Edition

Room: Skybox 208, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Susan Gallagher, Association of American Geographers

Panelists: Sarah Witham Bednarz, Texas A&M University; Joseph P. Stoltman, Western Michigan University; Paul Gray, Arkansas Tech University

2537. Representations of Finance

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Paul Langley, Northumbria University, UK

CHAIR(S): Jamie Peck, University of British Columbia

3:10 Paul Langley*, Northumbria University, UK, 'Water, water, everywhere, but not a drop to drink': On the performance of liquidity/illiquidity in the sub-prime crisis.

3:30 Joyce Goggin, Associate Professor*, Universiteit Van Amsterdam, *Representing Sin City*.

3:50 Ewald Engelen*, University of Amsterdam; Anna Glasmacher, University of Amsterdam, *Postures of globalization? IFC's on the internet*.

Discussant(s): Sarah Hall, University of Nottingham

2538. Religious Geographies

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Clarissa T. Kimber, Texas A&M University

3:10 Jennifer L. Rahn, PhD*, Samford University, *Evangelical Christian Uses of Geotechnologies at the Advent of the 21st Century*.

3:30 Ronald W. Luna, PhD*, University of Maryland, *Salvadoran Evangelical Protestant Churches as Transnational Institutions*.

3:50 John Onu Odihi*, University of Brunei Darussalam, *SO CLOSE YET SO FAR: Bridging the Gap of Interfaith Ignorance among Muslims and Christians in Southeast Asia for a More Secure World*.

4:10 Tomas Havlicek*, Charles University Prague, Czechia, *Religious identities in rural marginal areas in Czechia*.

4:30 Clarissa T. Kimber, PhD*, Texas A&M University, *Amada's Place . The Making of A Sacred Site*.

2539. U.S.-U.K. Perspectives on Geographical Education Research (Sponsored by International Network for Learning and Teaching Geography in Higher Education)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Michael N. Solem, Association of American Geographers; Fran Martin, University of Exeter

Introducer: Fran Martin

3:20 Peter James Anthamatten, University of Colorado Denver

3:30 David J Rutherford, University of Mississippi

Panelists: Mary Biddulph; Graham Butt, University of Birmingham

2540. Biogeography and Diseases

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Carl L. Johannessen, University of Oregon

3:10 David E Koch*, Kansas State University, *Associations between small scale landscape patterns and hantavirus*.

3:30 Hua Liu*, Old Dominion University; Qihao Weng, Indiana State University, *Trend Analysis of West Nile Virus Dissemination in California, U.S.A.*

3:50 Chris Uejio, MA*, UW Madison, Center for Sustainability and the Global Environment; Andrew Mackay, PhD, Centers for Disease Control and Prevention; Emily Zielinski-Gutierrez, PhD, Centers for Disease Control and Prevention; Roberto Barrera, PhD, Centers for Disease Control and Prevention; Jose Luis Robles Lopez, PhD, Jurisdicción Sanitaria No. III de Matamoros; Mary Hayden, PhD, National Center for Atmospheric Research, *Land Cover Relationships to Dengue Transmission and Mosquito Biodiversity*.

4:10 Carl L. Johannessen, Professor Emeritus*, University of Oregon, *Civilizations Vitalized by Voyaging - Diseases*.

2542. Economic Geography - what next? Responses to Krugman's Nobel 2008 (Sponsored by Economic Geography Specialty Group, Taylor and Francis)

Room: Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor (Panel Session)

ORGANIZER(S): Peter Maskell, DRUID/CBS

CHAIR(S): Peter Maskell, DRUID/CBS

Introducer: Anders Malmberg

Panelists: Allen J. Scott, University of California - Los Angeles; Michael Storper, London School of Economics; Maryann Feldman, UNC Chapel Hill Dept. of Public Policy; Meric S. Gertler, University of Toronto

2543. Geographies of Canada IV: Social and Cultural Geography (Sponsored by Canadian Studies Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): David Robertson, State University of New York, Geneseo

CHAIR(S): David Robertson, State University of New York, Geneseo

3:10 Peter H. Meserve*, Fresno City College, *Iconic Places in Canada: Cultural knowledge and national identification*.

3:30 Katie Palmer*, University of Toronto, *Playground Apartheid: A Spatial Analysis of Filipina Domestic Workers in Toronto's Gentrified Neighbourhoods*.

3:50 Liette Gilbert*, Faculty of Environmental Studies, York University, *Criminalization Across Borders: The Migration of "Illegal" Immigration Rhetorics*.

2544. The Experiences of Immigrants and Refugees in Urban Areas: United States II (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

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

CHAIR(S): James P. Allen, California State University - Northridge

3:10 Alan P. Marcus, Dr.*, Towson University, *(Re)Creating Places and Spaces in Two Countries: Brazilian Transnational Migration Processes*.

3:30 Lei Xu*, Indiana University at Bloomington; Dennis Conway, Indiana University at Bloomington, *Chinese 'Trailing Spouses' as Dependents of Chinese Graduate Students in the U.S.: Their Experiences - personal travails, successes, adaptation problems, family tensions and stresses*.

3:50 Zhou Yu, PhD*, University of Utah; Lanhong Nora Chiang, PhD, National Taiwan University, *Identity Formation among Taiwan immigrants in the U.S.: Assimilation vs. Rising Pengtu Identity*.

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4:10 James P. Allen*, California State University - Northridge; Eugene Turner*, California State University - Northridge, *Benefits of Mapping Detailed Ethnic Change in Urban Geography*.

4:30 Jennifer Hinojosa*, Binghamton University, *A Comparative Analysis of Vietnamese and Salvadoran Refugee Groups in Washington D.C. and Virginia, 1980-2000*.

2545. Water, science, humans: advancing the hydrosocial cycle IV - 'Liquid City' film (Sponsored by Cultural and Political Ecology Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Interactive Short Paper Session)

ORGANIZER(S): Jessica Budds, The Open University; Jamie Linton, Queen's University

CHAIR(S): Jamie Linton, Queen's University

Introducer: Jamie Linton

Introducer: Jessica Budds

Discussant(s): Alex Loftus, Royal Holloway, University of London; Farhana Sultana, Syracuse University

2546. Practices and Landscapes of Militarization II: Militarized Violence and the Racial State (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Richelle Bernazzoli, University of Illinois, Urbana-Champaign; Elizabeth Lee, University of British Columbia

CHAIR(S): Neil Smith, City University of New York

3:10 Tammy George, HBSc, MA*, University of Toronto, *Be All You Can Be or Longing to Be: Canadian Militarism and the Im/Possibility of Belonging to the Nation*.

3:30 Tyler Wall*, Arizona State University, *Empire's Foot Soldiers & Repertoires of Racialization*.

3:50 Elizabeth Lee*, University of British Columbia, *Death as Arrival: U.S. Militarism, Foreign-Born Soldiers, and Posthumous Citizenship*.

4:10 Andrew Curley*, Diné Policy Institute/Cornell University, *Reasons for why there is a high military participation among American Indians*.

Discussant(s): Merje Kuus, University of British Columbia

2547. The Neoliberal Era in the Global South: Society, Governance, Hegemony

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Priyanka Jain, University of Kentucky

CHAIR(S): Chris Blackden, University of Kentucky

3:10 Tracey Osborne*, UC Berkeley, *Fixing Carbon, Losing Ground: The Carbon Market and Struggles over Land in Chiapas, Mexico*.

3:20 Arnisson Andre Caparas Ortega*, University of Washington, *'Bahay' and 'Bayanihan' in Manila's Extramuros: Situating the Geographies of the Habiting Within a Neoliberal Context*.

3:30 Maureen H. Hickey*, University of Washington, *Neoliberalism and the "New Thai Man": Taxi Drivers, Street Politics, and the Rise and Fall(?) of "Thailand, Inc."*.

3:40 Priyanka Jain, PhD Student*, University of Kentucky; Chris Blackden, PhD.Candidate, University of Kentucky, *Think Tanks: Postcolonial Delhi, Neoliberalism & Role of Intellectuals*.

3:50 Rita Mathew, Ph D Student*, University of Georgia, *Biotechnology, Millenium Development Goals and Indian farmers: Redefining the role of the "Interventionist state" vis-à-vis Neoliberal Quasi-agencies*.

2548. Time Geography: New Possibilities in the 21st Century (II) (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Hongbo Yu, Oklahoma State University; Shih-Lung Shaw, University of Tennessee

CHAIR(S): Ling Yin

3:10 Jie Chen*, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Rm 2309, LREIS, 11A Datun Road, Chaoyang District, Beijing 100101, People's Republic of China; Feng Lu, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Rm 1323, LREIS, 11A Datun Road, Chaoyang District, Beijing 100101, People's Republic of China; Qinglei Jia, ESRI China (Beijing) Training Center, Rm 1302, 11A Datun Road, Chaoyang District, Beijing 100101, People's Republic of China; Shih-Lung Shaw, Department of Geography, University of Tennessee, 304 Burchfiel Geography Building, Knoxville, Tennessee, 37996-0925, United States, *A Multi-activity Trip Planning Approach for Individuals under Space-Time Constraints*.

3:30 Tijs Neutens*, Ghent University; Tim Schwanen, Utrecht University; Frank Witlox, Ghent University; Philippe De Maeyer, Ghent University, *Evaluating temporal regimes of public service delivery using space-time accessibility*.

3:50 Lian Huang*, Transportation Research Centre, Wuhan University; Department of Geography, University of Utah; Qingquan Li, Transportation Research Centre, Wuhan University, *Floating Car Trajectories Modeling for Spatio-Temporal Traffic Information Analysis*.

4:10 Ling Yin*, University of Tennessee; Shih-Lung Shaw, University of Tennessee; Hongbo Yu, Oklahoma State University, *A study for individual activities and interactions in a hybrid physical-virtual space based on time geography framework*.

2549. Remote Sensing of Urban Areas

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wayne Forsythe, Ryerson University

3:10 Scott M Shupe*, University of the Fraser Valley, *Urban mapping and fuzzy accuracy assessment of two cross-border cities in the Sonoran Desert using IKONOS imagery, spatial modeling and spatial statistics*.

3:30 Ke Chen*, East Tennessee State University; Chunhua Zhang, ETSU, *Measuring and monitoring the urban dynamics of Tri-cities metropolitan area*.

3:50 Ahmet Karaburun*, Fatih University, Department of Geography, TURKEY; Ali Demirci, Fatih University, Department of Geography, TURKEY, *The changing risks of agricultural activities on water resources in rapidly urbanized Areas: Agricultural Land Cover Change in Istanbul between 1987 and 2007*.

4:10 Wayne Forsythe*, Ryerson University, *Temporal Trends in Urban Development: Las Vegas 1975-2004*.

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2550. Geographies of Waste and Disposal 4: Globalized consumption processes and international flows of waste (Sponsored by Socialist and Critical Geography Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Risa C. Whitson, Ohio University; Kate Parizeau, University of Toronto

CHAIR(S): Risa C. Whitson, Ohio University

3:10 Romain J Garcier, PhD*, The University of Sheffield, *Waste reborn. Radioactive wasteflows management in the US and Europe.*

3:30 Josh Lepawsky, Dr.*, Memorial University of Newfoundland; Mostaem Billah, MA student, Memorial University of Newfoundland; Chris McNabb, MA student, Memorial University of Newfoundland, *Mapping the International Trade and Traffic of Electronic Waste.*

3:50 Mike Crang*, Durham University, *The black sun of globalisation: aesthetics, politics and waste in the global imaginary.*

4:10 Rajyashree Narayanareddy*, University of Minnesota - Minneapolis, *Thinking the city through waste.*

Discussant(s): Sarah A Moore, University of Arizona

2551. Forest and Land Cover Characterization and Monitoring by Remote Sensing

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Selkowitz, United States Geological Survey

3:10 Tao Zheng*, Central Michigan University; Ray Johnson, Central Michigan University, *Differentiating plantation from natural pine forest using textural information from high-resolution remote sensing imagery.*

3:30 Xin Miao*, Missouri State University, *A Comparison of Neural Networks and Support Vector Machines to Detect Invasive Plants Saltcedar Using Hyperspectral Remote Sensing Imagery.*

3:50 Bo Xu*, California State University at San Bernardino, *Object-based Image Analysis of Vegetation in Great Smoky Mountains National Park.*

4:10 Hua Shi*, ASRC, USGS/EROS Data Center; Zhiliang Zhu, USGS; Chengquan Huang, Department of Geography, University of Maryland; James Vogelmann, USGS/EROS Data Center; Donald Ohlen, USGS/EROS Data Center, *A multitemporal analysis of land cover change in Hurricane Katrina Area: A comparison of Vegetation Change Tracker (VCT) results with other land cover change datasets.*

4:30 David Selkowitz*, United States Geological Survey, *A Combined Multi-Spectral/Multi-Angular Remote Sensing Approach for Shrub Canopy Mapping in the Arctic as an Alternative to Landsat.*

2552. Recent and Holocene Vegetation Change

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Scott Starratt, United States Geological Survey

3:10 Dayna J. Quick, Graduate Student Researcher*, Geography Department, University of California, Santa Barbara; Marith Reheis, U.S. Geological Survey; Brian Stewart, Department of Geology and Planetary Science, University of Pittsburgh, Pittsburgh, PA; Oliver Chadwick, Geography Department, University of California, Santa Barbara, *Aeolian Additions: The Downwind Effects on Soil and Vegetation in Owens Valley.*

3:30 Jesus Julio Camarero, Instituto Pirenaico de Ecología (CSIC), Zaragoza, Spain; Jacques C. Tardif*, Centre for Forest Interdisciplinary Research, University of Winnipeg; Rodolfo Hernández Alonso, Laboratorio de Sanidad Forestal, Servicio Provincial de Medio Ambiente de Teruel, Spain; France Conciatori, Centre for Forest Interdisciplinary Research, University of Winnipeg; Juan Manuel Gil, Laboratorio de Sanidad Forestal, Servicio Provincial de Medio Ambiente de Teruel, Spain; Miguel Ángel Ros, Laboratorio de Sanidad Forestal, Servicio Provincial de Medio Ambiente de Teruel, Spain, *Tree-ring reconstruction of pine processionary moth defoliations in eastern Spain: climate-herbivore interactions.*

3:50 Jennifer Kusler*, California State University, Sacramento; James Wanket, California State University, Sacramento, *A Reconstruction of Paleoenvironmental Change in the Klamath Mountains of California.*

4:10 Christine Zuhlsdorf*, UCLA; Glen MacDonald, PhD, UCLA; Katrina Moser, PhD, The University of Western Ontario; Abbie Tingstad, C.Phil., UCLA, *Reconstruction of Holocene Paleoclimate of the Uinta Mountains, Utah.*

4:30 Scott Starratt*, United States Geological Survey; David Wahl, United States Geological Survey; Elmira Wan, United States Geological Survey; James Wanket, Dept. of Geography, California State University, Sacramento; Holly Olson, United States Geological Survey; Thomas Lloyd-Davies, United States Geological Survey; Jennifer Kusler, Dept. of Geography, California State University, Sacramento, *Holocene Climate in the Great Basin: Preliminary Results from Alpine Lakes in the Ruby Mountains, Nevada.*

2553. The 'New Urban Politics' Two Decades On, IV: Reconsidering 'New Urban Politics': Theories, Concepts, Methods

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Martin R. Jones, University of Wales,

Aberystwyth; Gordon MacLeod, University of Durham

CHAIR(S): Martin R. Jones, University of Wales, Aberystwyth

3:10 Brenda Parker, PhD*, University of Illinois at Chicago, *Masculinities Matter: Gender in 'New Urban Politics'.*

3:30 Delphine Ancien*, NIRSA - National University of Ireland, Maynooth, *The new urban politics, global city theory and the case of London.*

3:50 Talia Margalit*, ben gurion university, israel; oren yiftachel, ben gurion university, israel, *Rethinking Urban Regime through Tel-Aviv's Skyline.*

4:10 Jamie Gillen*, Miami University-Ohio, *Rethinking the entrepreneurial city model through cultural-economy registers.*

4:30 Kevin Ward*, University of Manchester, *Making the 'new urban politics' possible? Topological geographies of urban expertise and knowledge.*

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Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Harriet Hawkins

CHAIR(S): Harriet Hawkins

3:10 Thomas Borén, PhD*, Dept of Human Geography, Stockholm University; Andrea Creutz, visual artist*, Konstfack University College of Arts, Crafts and Design, Fine Arts Dept, *Fine Art, Cultural Geography and Everyday Economy*.

3:30 Angela Last*, The Open University, *Mutable Matter - Engaging Publics with Nanotechnologies through Art Practice*.

3:50 Kim McNamara*, University of Western Sydney, *Paparazzi photography as an art form?*.

4:10 Martin Zebracki*, Utrecht University, The Netherlands, *The Evolution of Public Art, 1945 to the Present - Does Institutional Context Matter? The Netherlands and Flanders Compared*.

4:30 Lisa Tucker, MFA*, University of California, Riverside/California Museum of Photography, *Socially Engaged Art and Native Food Production along the Santa Ana River Trail of Southern California*.

2555. Geographies of Schmitt's Nomos of the Earth II (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Stephen Legg, University of Nottingham

CHAIR(S): Stephen Legg, University of Nottingham

3:10 Francois Debrix*, Florida International University, *Banning Space: The Nomos of Exception in Agamben, Nancy, and Schmitt*.

3:30 Peter Rogers, Dr*, Macquarie University, *Utopian in absentia (?): The failure of democracy in cities of Schmitt*.

3:50 Rory Rowan*, Royal Holloway, University of London, *An Unstable Nomos: Space, Contingency and the Political*.

4:10 Claudio Minca, Professor*, Royal Holloway, University of London, *Unpacking the nomos: Agamben, Schmitt and the question of spatial ontology*.

Discussant(s): Barbara Hooper, New York University

2556. Advances in Paleoclimatology: Moisture Changes through Time and their Impacts IV (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Andrea Brunelle, University of Utah; Bryan Shuman, University of Wyoming

CHAIR(S): Andrea Brunelle, University of Utah

3:10 Chad S. Lane*, Lawrence University; Sally P. Horn, University of Tennessee; Kenneth H. Orvis, University of Tennessee; John Thomason, University of Tennessee, *Sedimentary Evidence of Little Ice Age Aridity from the Dominican Republic*.

3:30 Stephanie Fowler Dodds*, University of South Carolina, *Historical Reconstruction of Precipitation Frequency and Variability for North America's Pacific Coast*.

3:50 Michelle Goman*, Cornell University; Aaron Song, University of Alabama in Huntsville; Udaysankar Nair, University of Alabama in Huntsville; Roger Pielke Sr, University of Colorado, Boulder, *Modeling the Immediate Climate Effects of the 5th Century Ilopango eruption of El Salvador*.

Discussant(s): Kurt F. Kipfmüller, University of Minnesota; Bryan Shuman, University of Wyoming

2557. Hazards: Tsunami, Volcanoes, Toxics

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Hoe Hun Ha, SUNY - Buffalo

3:10 Alex Guerra Noriega*, Non Member Student, *Disaster risk mapping in mountain areas of Guatemala*.

3:30 Kanchan Gandhi*, National University of Singapore; Kanchan Gandhi, National University of Singapore, *Negotiating Rehabilitation in a Tsunami Affected Village*.

3:50 Rachel A. Hirsch, PhD. Candidate*, University of Western Ontario, *Love thy neighbour's turf? Urban pesticide risk perception and policy preference*.

4:10 Hoehun Ha*, SUNY - Buffalo; Eunjung Lim, SUNY - Buffalo; Ling Bian, SUNY - Buffalo; Peter A. Rogerson, SUNY - Buffalo; Sam Olson, SUNY - Buffalo; James Olson, SUNY - Buffalo, *Spatial Modeling of Soil PCB Levels in Anniston, Alabama*.

2558. Media Geography IV: Media and the Body 2 (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): James Craine, California State University Northridge; Giorgio Hadi Curti, San Diego State University

CHAIR(S): Christopher M. Moreno, San Diego State University

3:10 Fernando J. Bosco*, San Diego State University; Giorgio Hadi Curti, San Diego State University; Stuart C. Aitken, San Diego State University, *Becoming Child/Adult: Other - Bodies and Media as Networks-at-Play*.

3:30 Emily Mae Powers*, San Diego State University, *Experiencing 'Green' with film*.

3:50 George L. Henderson*, University of Minnesota, *'Fight Club' and the Property of Political Economy*".

4:10 Stefano Bloch, PhD Candidate*, University of Minnesota, Department of Geography, *'Fight Club' and the Political Economy of Props*.

4:30 Giorgio Hadi Curti*, San Diego State University, *Beating words to life: subtitles, assemblage(s)capex, expression*.

2559. Advances in Image Processing of Remote Sensing Data

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kuan Song, University of Maryland

3:10 Melissa J Rura*, University of Texas At Dallas, *Eigenvector spatial filtering in image analysis: exploration of mean and correlation in the analytical solution of the eigenvectors of the square tessellation*.

3:30 Jindong Wu, PhD*, California State University, Fullerton; Marvin E. Bauer, PhD., University of Minnesota, Twin Cities, *A Comparison of Pixel-based and Object-oriented Methods for Resolving Shadows in High Spatial Resolution Satellite Images*.

3:50 Wook Rak Jung*, Western Michigan University, *Vector Feature Extraction Using Object-Oriented Image Analysis Techniques*.

4:10 Michael W Dulin*, Kansas State University, *Identifying and Assessing Windbreaks Using Hierarchical Learning and Object-based Imagery Analysis*.

4:30 Kuan Song*, University of Maryland; John R.G. Townshend, University of Maryland, *Introducing Kernel Perceptron for Change Detection Applications*.

MONDAY, MARCH 23 • 5:15 PM - 9:30 PM**5:15 p.m. - 6:15 p.m.****2610. Past President's Address by Thomas J. Baerwald:****Prospects for Geography as an Interdisciplinary Discipline***Room: Royale Pavilion 5, Riviera Hotel, 1st Floor(Plenary Session)*INTRODUCTION: **John A. Agnew**, University of California, Los AngelesSPEAKER: **Thomas J. Baerwald**, National Science Foundation

DESCRIPTION:

Baerwald will discuss the relationship of geography to other disciplines, the role that geographers can play in interdisciplinary collaborations, and opportunities to advance geography, other fields, and society through interdisciplinary collaborations. He also will identify challenges posed by interdisciplinary research as well as ways geographers can help meet those challenges. Baerwald's comments will draw on more than 20 years of experience at the National Science Foundation, where he has encouraged, evaluated, and supported basic research in geography and in a range of interdisciplinary competitions.

His comments also will draw on scholarly studies that have examined the conduct of both geographic and interdisciplinary research and observations of dozens of geographers and other scholars who have engaged in interdisciplinary collaborations.

Baerwald will reflect on the nature of geography as a discipline that is interdisciplinary in character and that integrates well with other disciplines. He also will offer suggestions regarding ways that geographers can use the field's distinctive perspectives and approaches to advance research and education within and beyond geography.

The AAG Presidential Achievement Award also will be presented to **Thomas J. Wilbanks** prior to the Past President's Address.

6:15 p.m. - 8:30 p.m.**International Networking Reception in the Exhibit Hall***Room: AAG Exhibit Hall: Grande Ballroom ABEF, Riviera Hotel, 1st Floor*

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.

See pages 70-72 for a list of exhibitors and an exhibit hall floor plan.

6:30 p.m. - 7:30 p.m.**Film Event: American Outrage***Room: Capri 105, Riviera Hotel, 1st Floor*

SPONSOR: Bullfrog Films

DESCRIPTION:

Carrie and Mary Dann are feisty Western Shoshone sisters who have endured five terrifying livestock roundups by armed federal marshals in which more than a thousand of their horses and cattle were confiscated -- for grazing their livestock on the open range outside their private ranch. That range is part of 60 million acres recognized as Western Shoshone land by the United States in the 1863 Treaty of Ruby Valley, but in 1974 the U.S. sued the Dann sisters for trespassing on that land, without a permit. That set off a dispute between the Dann sisters and the U. S. government that swept to the United States Supreme Court and eventually to the Organization of American States and the United Nations.

AMERICAN OUTRAGE asks why the United States government has spent millions persecuting and prosecuting two elderly women grazing a few hundred horses and cows in a desolate desert? The United States Bureau of Land Management insists the sisters are degrading the land. The Dann sisters say the real reason is the resources hidden below this seemingly barren land, their Mother Earth. Western Shoshone land is the second largest gold producing area in the world.

www.bullfrogfilms.com/catalog/amout.html

6:30 p.m. - 9:30 p.m.**Film Event: Critical Lens: Ethics and Human Rights in Health and Health Care Delivery***Room: Capri 106, Riviera Hotel, 1st Floor*

SPONSOR: Health & Medical Geography Specialty Group

DESCRIPTION:

This film event will screen three thoughtful movies that explore issues of ethics and human rights in health and health care from a critical perspective. "When the Bough Breaks" investigates the issue of racism—Infant mortality rates among African Americans remain twice as high as among whites, and African American women with graduate degrees still face a greater risk of delivering pre-term, low birth-weight babies than white women who didn't finish high school. Obviously, the burden of racism presents a long-term risk factor over the life course. "Aborto Sin Pena" ("Abortion without shame") is a documentary that paints intimate portraits of three women: Yojani, Berenice, and Valentina. Each has chosen to tell her own personal experience with abortion on camera without hiding her face or her identity, a radical and political act in a country where abortion is still illegal. Still, over 500,000 abortions are performed each year in Mexico, most considered illegal, and many unsafe. Some other topics discussed include the rights of indigenous women to choose the number of children they wish to have, responsible parenting, and the myth of "post-abortion syndrome." "Health for Sale" asks: are the world's largest drug companies, paradoxically, major obstacles to making a healthier world? The film focuses on Big Pharma, who account for 500 billion dollars of world health spending a year and whose 205 billion dollars in pre-tax profits were more than the combined profits of the 490 other Fortune 500 companies. Officials from all sides debate the impact of drug companies' patenting, "intellectual property," pricing and new product development strategies on global public health. These policies, according to Nobel Prize winning economist and former World Bank Chief Economist, Joseph Stiglitz "are condemning billions of the world's poorest citizens to death."

7:00 p.m. - 8:00 p.m.**2709. Rural Geography Specialty Group Business Meeting
(Sponsored by Rural Geography Specialty Group)***Room: Royale Pavilion 4, Riviera Hotel, 1st Floor***7:30 p.m. - 9:30 p.m.****Graduate Student Affinity Group Business Meeting
(Sponsored by Graduate Student Affinity Group)***Room: Capri 116, Riviera Hotel, 1st Floor*

TUESDAY

Presenting author(s) are indicated with an asterisk ().*

TUESDAY, MARCH 24 • 8:00 AM - 9:40 AM • 3100**3101. Urban and Cultural Spaces in Asia**

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Pei-Ying Ho, Arizona State University

8:00 Jungyul Sohn*, Seoul National University; Euijune Kim, Seoul National University; Yu-Jin Bae, Seoul National University; Sun-young Choi, Seoul National University; Kyu-sang Kwon, Seoul National University; Min-Kyoung Yoon, Seoul National University, *Evaluation of the "u-city": how do we measure the performance of the ubiquitous city program.*

8:20 Yun-Chung Chen*, Hong Kong University of Science & Technology; Mirana May Szeto, Hong Kong University, *Constructing Theme Parks and the Anti Theme Park Movement: Contesting culture-led urban re-development in Hong Kong.*

8:40 Xiaoping Shen*, Central Connecticut State University; Shangyi Zhou, Beijing Normal University, *Development and distribution of cultural industries in China.*

9:00 Pei-Ying Ho*, Arizona State University, *Exploring the Effects of Cultural Park on Local Revitalization and Cultural Identity.*

3102. Working with U.S. Census Bureau Data: International Population and Mapping

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Joshua Comenetz, U.S. Census Bureau

CHAIR(S): Joshua Comenetz, U.S. Census Bureau

8:00 Joshua Comenetz*, U.S. Census Bureau, *Progress Toward a Global Populations at Risk Database.*

8:20 Robert M Leddy*, U.S. Bureau of the Census, *Subnational Population Estimates and Maps for the Response to Global HIV/AIDS.*

8:40 Jordan Graesser*, US Census Bureau; Ryan Engstrom, George Washington University; Derek Azar, US Census Bureau, *Mapping Impervious Surfaces in Haiti Using Landsat ETM+ Imagery.*

9:00 Derek Azar*, US Census Bureau, *Linking remotely sensed impervious surface estimates and population distribution in Haiti.*

3104. Publishing in a Spatial Analysis Journal (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Jean-Claude Thill, University of North Carolina at Charlotte

CHAIR(S): Jean-Claude Thill, University of North Carolina at Charlotte

Introducer: Jean-Claude Thill

Discussant(s): Jean-Claude Thill, University of North Carolina at Charlotte

Panelists: Jean-Claude Thill, University of North Carolina at Charlotte; James Lesage, Texas State University; Daniel A. Griffith, University of Texas - Dallas; May Yuan, Univ of Oklahoma; Antonio Paez

3105. International Issues in Water

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Hong Yang, Swiss Federal Institute for Env Sci and Tech

8:00 Ryan Anaka, Graduate Student*, Western Washington University, *Transboundary Watershed Management: Bertrand Creek and Fishtrap Creek.*

8:20 Kai Wang*, The Chinese University of Hong Kong; Yongqin Chen, The Chinese University of Hong Kong; Xi Chen, State Key Laboratory of Hydrology-Water Resources and Hydraulic Engineering, Hohai University, *Remote sensing based evapotranspiration mapping in the East river of China.*

8:40 Adam J. Czekanski, PE*, United States Military Academy at West Point, *Effects of the Guatemalan Civil War on Population Movement and Socioeconomic Progression.*

9:00 Jida Wang*, University of California, Los Angeles; Yongwei Sheng, University of California, Los Angeles; William A. V. Clark, University of California, Los Angeles, *A Global-scale Analysis of Demographic Dynamics and Fresh Water Availability Stored in Lakes.*

9:20 Hong Yang*, Swiss Federal Institute for Aquatic Science and Technology; Karim Abbaspour, Swiss Federal Institute for Aquatic Science and Technology, *Virtual Water Highway: An assessment of water use efficiency in the International food trade.*

3106. Advanced Placement Human Geography: the First Eight Years and Beyond (Sponsored by Population Specialty Group, Geography Education Specialty Group)

Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Max Lu, Kansas State University

CHAIR(S): David A. Lanegran, Macalester College

Panelists: Sarah Witham Bednarz, Texas A&M University; Patricia Gober, Arizona State University; David A. Lanegran, Macalester College; Alexander B. Murphy, University of Oregon; Donald J. Zeigler, Old Dominion University; Max Lu, Kansas State University

3107. Travel, Tourism, and Recreation 1

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Scott White, Fort Lewis College

8:00 Anna Carrabetta*, University of Milano-Bicocca, *Travel writing as a geographical paradigm.*

8:20 Ramesh C. Dhussa*, Drake University, *Colorful Vistas of Resplendent Rajasthan, India.*

8:40 Peter G. Anderson, Dr. *, *Mount Monadnock: America's Most Climbed Mountain?.*

9:00 Scott White*, Fort Lewis College, *Delisted, Demoted, and Abolished: Land Use Management and Tourism Potential at a Former Unit of the National Park System, Wheeler Geologic Area, Colorado.*

3108. Immigration, urban economic development, and social reproduction I

Room: Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Adam Pine, University of Minnesota -- Duluth

CHAIR(S): Adam Pine, University of Minnesota -- Duluth

8:00 David Rands*, Frostburg State University, *The Impact of Urban Economic Development on Korean Migration to Japan.*

8:20 Ellen R. Hansen, PhD. *, Emporia State University, *Dealing with Diversity: The Challenge of Welcoming Newcomers.*

8:40 Ryan Allen, PhD*, University of Minnesota, *The Impact of the Foreclosure Crisis on Immigrant Households in Minneapolis, MN.*

Discussant(s): Adam Pine, University of Minnesota -- Duluth

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3109. The institutional-evolutionary interface: challenges, contradictions and conflicts in economic geography

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Ron Boschma, Utrecht University; Bjorn T. Asheim, University of LUND, Sweden
 CHAIR(S): Meric S. Gertler, University of Toronto
 Panelists: Ronald Martin, University of Cambridge; David L. Rigby, UCLA; Bjorn T. Asheim, University of LUND, Sweden; Ron Boschma, Utrecht University; Meric S. Gertler, University of Toronto; Jamie Peck, University of British Columbia

3110. Brownfields and Waste 1

Room: Royale Pavilion 5, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Stephanie Pincetl, University of California
8:00 Michael Hayek, HBA*, University of Western Ontario; Godwin Arhu, PhD, University of Western Ontario; Mathew Novak, University of Western Ontario; Jason Gilliland, PhD, University of Western Ontario, *Uncovering layers of industrial legacies: A socio-historical identification of brownfields in London, Ontario, 1881-2001.*
8:20 Trevor Fuller*, University of Illinois at Urbana-Champaign, *Brownfields in Indianapolis, Indiana: Assessing Residents' Perceptions of Redevelopment.*
8:40 Katie Himmelfarb*, Rutgers University, *Obsolete, but Still Producing: Examining the Environmental Justice Promise of Brownfields in the Neoliberal Urban Context.*
9:00 Stephanie Pincetl, PhD*, University of California, Institute of the Environment, Pacific Southwest Research Station, US Forest Service, *From the Sanitary City to the Sustainable City Challenges to Institutionalizing Biogenic Infrastructure.*

3111. Muslim Identity, Citizenship and Belonging in the 'Everyday' (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Royale Pavilion 6, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): D. James McLean
 CHAIR(S): D. James McLean
8:00 Peter E Hopkins*, Newcastle University, UK, *The university campus, government policy and religious identities: the experiences of Muslim students.*
8:20 Betty Lininger, PhD. Candidate*, University of Florida, *Post Migration Experience of Somali Female Refugees in the United States: A Case Study of Atlanta, Georgia.*
8:40 D. James McLean*, York University, *Second-generation Muslims in Canada: A Framework for Exploring Geographies of Being and Belonging in Halifax, Vancouver and Toronto.*
9:00 Rhys Dafydd Jones*, *'Access, Ethics, and Method: methodological reflections of researching everyday Islamic practices in rural Wales'.*
9:20 Banu Gokariksel*, University of North Carolina, Chapel Hill, *Topographies of Citizenship in Urban Turkey: Women's Struggle against the Headscarf Ban.*

3112. Young Scholar Perspectives on Human Dimensions of Global Change Research : Responding to the Dis-integration of Space and Time (Sponsored by Graduate Student Affinity Group, Human Dimensions of Global Change Specialty Group)

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Cerian Gibbes, University of Florida; Tom Evans, Indiana University
 CHAIR(S): Camille Washington-Ottombre, Purdue University
8:00 Cerian Gibbes*, University of Florida; Luke Rostant, University of Florida, *A multi-scalar analysis of the impact of protected areas on changes in landscape diversity.*
8:20 Camille Washington-Ottombre*, Purdue University, *Adaptation to Climate Change and Variability on the Eastern Slopes of Mt Kenya: 1918-2050.*
8:40 Alice Wiemers*, Johns Hopkins University, Dept of History, *Local and Historical Perspectives on Africa's Climate Change Crisis.*
9:00 Alice Brooke Wilson*, UNC-Chapel Hill, *Imagining Alternatives to Catastrophic Global Environmental Change: Social Movements and Agrobiodiversity in Mexico.*
9:20 Martha L Lincoln*, CUNY Graduate Center, *Climate Change and Public Health: Cholera in Hanoi.*
 Introducer: Brenton M. Yarnal

3113. Snapshots from Early Career Faculty: Demystifying the First Stages of an Academic Career

Room: Royale Pavilion 8, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Anne Bonds, University of Wisconsin, Milwaukee; Mona Atia
 Panelists: Anne Bonds, University of Wisconsin, Milwaukee; Mona Atia; Maria Fannin, University of Bristol; Harvey Neo, National University of Singapore; Daniel Trudeau, Macalester College

3116. RSSG/GISSG/CSG Student Illustrated Paper Competition (Sponsored by Remote Sensing Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Capri 103, Riviera Hotel, 1st Floor (Illustrated Paper Session)
 ORGANIZER(S): Benjamin Tuttle, University of Denver/University of Colorado, Boulder; Kelley J. O'Neal, University of Maryland
 CHAIR(S): Benjamin Tuttle, University of Denver/University of Colorado, Boulder
8:00 Lauren Morse*, University of Denver, M.A. '10, *Data Collection of City Lights.*
8:05 Mary Lindsey*, University of Maryland, Department of Geography, *Impact of Clouds on Late-Season Agricultural Land-Cover Classifications in Kentucky.*
8:10 Kristina Yamamoto*, University of Denver; Sharolyn Anderson, University of Denver; Rebecca L Powell, University of Denver; Donald Sullivan, University of Denver; Paul C Sutton, University of Denver, *Identifying similar biophysical characteristics among nesting beaches of green turtles of Turkey using remote sensing techniques.*
8:15 Moumita DuttaGupta*, Salem State College, *Change in Global Photosynthesis - 1998 to 2007.*
8:20 Ben Williams*, Salem State College, *Developing a GPS guidance system for a remote sensing UAV.*
8:25 Jay Williams*, Salem State College, *Development of a low-cost remote sensing UAV.*
8:30 Binglei Gong*, SUNY ESF; Jungho Im, SUNY ESF, *Hyperspectral Remote Sensing of Forest Crops with Controlled Nutrient and Water Treatments.*

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- 8:35** Douglas Rivet*, Eastern Michigan University; Donald Lafreniere*, Eastern Michigan University, *Visualizing the Past: An innovative use of historical maps in GIS.*
- 8:40** Prajna Regmi, Student*, Clark University; J. Ronald Eastman, Professor, Clark University, *Indian Ocean Dipole: Relationship with El Niño - Southern Oscillation and Teleconnections in South Asia.*
- 8:45** Prajjwalk K. Panday *, Graduate School of Geography, Clark University, Worcester, MA 01610; Henry Bulley, Department of International Development, Community, and Environment/ Graduate School of Geography, Clark University, Worcester, MA 01610; Umesh Haritashya, Department of Geology, University of Dayton, Dayton, OH 45469; Karen Frey, Graduate School of Geography, Clark University, Worcester, MA 01610; John Rogan, Graduate School of Geography, Clark University, Worcester, MA 01610, *Supraglacial Lake Assessment in the Sagarmatha Region of Nepal Himalaya.*
- 8:50** Robert E Roth*, The Pennsylvania State University; Jin Chen, The Pennsylvania State University, *Geographic disparities in US cervical cancer mortality: 2000-2004.*
- 8:55** Bardan Ghimire, PhD student*, Graduate School of Geography, Clark University; John Rogan, Assistant Professor, Graduate School of Geography, Clark University, *Understanding vegetation dynamics in Southern Alaska using image time series analysis.*
- 9:00** Lucas Kaim*, University of Denver, *Night Time Images: Better clues for population density.*
- 3118. Where have all the pictures gone? Visualization and power in political geography (Sponsored by Political Geography Specialty Group)**
Room: Capri 105, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Guntram Herb, Middlebury College
 CHAIR(S): Guntram Herb, Middlebury College
 Introducer: Guntram Herb
 Panelists: Craig Dalton, UNC Chapel Hill; Jason Dittmer, University College London; Nicole Mellow, Williams College
- 3119. Globalization of African Cities (Sponsored by Africa Specialty Group)**
Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Ian Yeboah, Miami University; Godwin Arku, The University of Western Ontario
 CHAIR(S): Kefa M. Otiso
8:00 Kefa M. Otiso*, Bowling Green State University, *Bungalows, Mansions, and Palaces: The Next Frontier of Private Accumulation and Consumption in Global Nairobi.*
8:20 Catherine Oosterbaan*, University of Western Ontario; Godwin Arku, Dr., University of Western Ontario; Alex Asiedu, Dr., University of Ghana, Legon, *An Explosion of Small Scale Enterprise - The Conversion of Residential Units into Commercial Properties in Accra, Ghana, Why is it Happening, and What is it Doing?.*
8:40 Ian Yeboah*, Miami University, *Polycentric Accra under Globalization.*
9:00 Jennifer Houghton*, University of KwaZulu-Natal, *Urban Schizophrenia? Thinking local development and being neoliberalist in public private partnerships, Durban, South Africa.*
- 3120. Topics in Social and Cultural Geography 2**
Room: Capri 107, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Laurence R. Simon, Brandeis University
8:00 Cynthia Schantz*, CA State University, Long Beach, *Can Cyberspace open up possibilities for social change?.*
8:20 Marianne Blidon*, Paris 1 University, *The myth of the tolerance and the anonymity of cities: when the LGBT kiss publicly.*
8:40 Christopher G Schroeder*, University of Wisconsin-Milwaukee, *Queer Youth Negotiation of Social Space.*
9:00 Laurence R. Simon, PhD.*, Brandeis University, *Concepts of Place and Temporality in the Thought of Paulo Freire.*
- 3123. Foundations and Applications of Geospatial Decision Support**
Room: Capri 110, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Marc P. Armstrong, University of Iowa
8:00 Jeffrey Matson*, University of Minnesota, *Minnesota 3D: An Internet-based GIS Tool for Economic Development.*
8:20 Jung Eun Hong*, University of Colorado at Boulder, *Integrating a Real-Time Mobile Geographic Information System and a Web-Based Mapping Application for Campus Safety: A Case Study at San Diego State University.*
8:40 Eugene Martin, Ph. D.*, University of Washington Department of Geography, *Data Worlds of Puget Sound's nearshore ecosystem.*
9:00 David A. Merwin*, Framingham State College, *A Three-Dimensional Visualization Approach for Mapping Large-Scale Thermal Infrared Remote Sensing Data Using Interoperable Geographic Information Systems.*
9:20 Marc P. Armstrong*, University of Iowa, *Towards a Philosophical Foundation for Multi-Criteria Spatial Decision Support.*
- 3125. Race, Ethnicity and the Dynamic American South (Sponsored by Study of the American South SG)**
Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): E Arnold Modlin, Louisiana State University; Derek H. Alderman, East Carolina University
 CHAIR(S): E Arnold Modlin, Louisiana State University
8:00 E Arnold Modlin Jr*, Louisiana State University; Derek H Alderman, PhD, East Carolina University, *Visibility of the Enslaved within Plantation Tourism Marketing on the Internet: A Textual Analysis of North Carolina Websites.*
8:20 Stephen Hanna*, University of Mary Washington, *Cartographic Memories of Slavery and Freedom: Examining John Washington's Map of Fredericksburg.*
8:40 Rebecca Ginsburg*, University of Illinois at Urbana-Champaign, *Deconstructing the Triangle Trade Map.*
9:00 Katie Berchak, M.A.*, LSU Grad Student, *Nueva Orleans.*

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3126. Landscape Ecology and Biogeography - Spatial Context (Sponsored by Biogeography Specialty Group, Mountain Geography Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): James J. Hayes, California State University
Northridge

CHAIR(S): James J. Hayes, California State University
Northridge

8:00 Matthew F. Bekker*, Brigham Young University; George
P Malanson, The University of Iowa, *Feedback and
Linear Forest Patterns in Subalpine Environments: A
Global View.*

8:20 Andrew D. Pierce*, Pennsylvania State University; Alan H.
Taylor, Pennsylvania State University, *Fire Severity
and Post-Fire Regeneration in Pinus contorta var.
murrayana Forests, Lassen Volcanic National Park,
California, USA.*

8:40 William L. Baker*, University of Wyoming, *Historical and
recent fire in sagebrush landscapes.*

9:00 Mary Ann Cunningham*, Vassar College, *Linking habitat
responses across scales: birds are pickier in a tight
spot.*

9:20 Carol L. Campbell, PhD*, New Mexico State University,
*Bird diversity and forest structure along an elevational
gradient.*

3127. New Geographies of Two Koreas I: Culture, Economy, and Environment (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jongnam Choi, Western Illinois University;
Su-Yeul Chung, Western Illinois University

CHAIR(S): Jongnam Choi, Western Illinois University

8:00 Su-Yeul Chung*, Western Illinois University, *Spatial
Dimension of Immigrant Entrepreneurship: A Case
Study of Self-employed Korean immigrants in Chicago
IL PMSA.*

Discussant(s): Jongnam Choi, Western Illinois University

3128. Diverse perspectives on spatial restrictions and mobility to work (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Transportation Geography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Eric Boschmann, University of Denver;
Melanie Ann Rapino, University of Memphis

CHAIR(S): Eric Boschmann, University of Denver

8:00 Melanie Ann Rapino, PhD*, University of Memphis, *The
Effect of Gender Roles on Women's Spatial Entrapment
Across the U.S.*

8:20 Morton E. O'Kelly*, The Ohio State University, *Research
on Trip Distribution: Models and Applications to Irish
Commuting.*

8:40 Sunhee Sang*, The Ohio State University, *Examining
spatial structure of accessibility: Results from
Journey-to-Work Model Disaggregated by Gender and
Occupation.*

9:00 Christine L. Jocoy, PhD*, California State University
- Long Beach; Vincent J. Del Casino, PhD.,
California State University - Long Beach, *Mobility,
Homelessness, and Gender: Travel among homeless
adults in Long Beach, CA.*

9:20 Eric Boschmann*, University of Denver, *"Good jobs
are out there, but?": An interview-based analysis of
metropolitan area employment accessibility among
working poor individuals.*

3129. Spatial Thinking for Preschool and Elementary Curricula

Room: Skybox 201, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Phil Klein

CHAIR(S): Phil Klein

Panelists: Carol A. Gersmehl, Hunter College, CUNY; Diana
Casey, Muskegon Community College; Phil
Gersmehl, New York Center for Geographic Learning;
Kristin Alvarez, Keene State College; Peter James
Anthamatten, University of Colorado Denver

3130. American Landscapes (Sponsored by Cultural Geography Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Matthew Engel, Northwest Missouri State
University; Douglas A. Hurt, University of Central
Oklahoma

CHAIR(S): Matthew Engel, Northwest Missouri State University

8:00 Matthew Liesch*, University of Wisconsin-Madison,
*Keweenaw National Historical Park: A National Park
Without Boundaries?.*

8:20 Adam Payne*, Oklahoma State, *Success and Failure: The
Oklahoma City Floodway.*

8:40 Ezra Zeitler*, University of Wisconsin-Eau Claire, *Black
Hawk and the Origins of Midwestern Identity.*

9:00 Douglas A. Hurt*, University of Central Oklahoma,
*Landscapes of the Washita Battlefield National Historic
Site.*

9:20 Matthew Engel*, Northwest Missouri State University,
*Perceptions of Long-Standing Prisons in Small Towns:
Comfort with an Old Neighbor?.*

3131. Environmental Change and Remote Sensing

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Barry N. Haack, George Mason University

8:00 Rachel MK Headley, PhD*, United States Geological
Survey, *The Landsat Project: Global Land Surveys and
Other Free Data.*

8:20 A-Xing Zhu*, University of Wisconsin-Madison; Feng
Liu, State Key Lab of Resources and Environmental
Information System, Institute of Geographical
Sciences and Natural Resources Research, CAS,
Beijing 100101, China; James E. Burt, University of
Wisconsin-Madison, *Land surface feedback dynamic
patterns extracted from MODIS and their relationships
to soil types: a CSI approach.*

8:40 Barry N. Haack*, George Mason University, *Remote
Sensing and Decision Support Systems in the Hindu
Kush-Karakorum-Himalaya Mountain Complex.*

3132. Geography of Nutrition and Obesity

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jelena Cali, Carolina Population Center

8:00 Marie-Soleil Cloutier*, LASER, INRS-UCS; Philippe
Apparicio, LASER, INRS-UCS; Anne-Marie Séguin,
INRS-UCS, *Geographical Accessibility to Urban
Parks for Children in Montréal: An Analysis Based on
the Availability of Sport and Leisure Facilities.*

8:20 Ikuho Yamada, PhD*, University of Utah; Barbara B
Brown, PhD., University of Utah; Ken R Smith, PhD.,
University of Utah; Cathleen D Zick, PhD., University
of Utah; Lori R Kowaleski-Jones, PhD., University
of Utah; Jessie X Fan, PhD., University of Utah,
*Measures of food environments for understanding
linkages between neighborhood walkability and
obesity.*

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8:40 Mustafa Erdem*, Louisiana State University, *Spatial Analysis of Obesity in the Built Environment Context.*

9:00 Alexandre Lebel*, Laval University; Marius Thériault, Laval University; Mylène Riva, Durham University, *Measuring the Weight of Geography in the Obesity Epidemic.*

9:20 Jelena Cali, MS*, Carolina Population Center; Aubrey Spriggs, MA, Carolina Population Center, *The Impact of Childhood Diet and Urban Accessibility on Diet Quality in Cebu, Philippines.*

3133. Urbanization and Environment I (Sponsored by Urban Geography Specialty Group, China Specialty Group, Remote Sensing Specialty Group)

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Qihao Weng, Indiana State University; George Xian, ARTS

CHAIR(S): George Xian, ARTS

8:00 Francine Fangxin YI*, The University of Hong Kong, *Towards Land-centred Urbanization in Coastal China: Land Development and Local Public Finance in Jiangsu Province.*

8:20 George Xian*, ARTS; Collin Homer, USGS, *Updating the 2001 National Land Cover Database Impervious Surface Product to Circa 2006.*

8:40 Michail Fragkias, PhD*, Arizona State University; Burak Güneralp*, Yale University; Michael K. Reilly, PhD., Stanford University; Karen C. Seto, PhD., Yale University, *Global Urban Land-Use Change: A Meta-Analysis of Trends and Projections.*

9:00 Jun Yang*, Temple University; Huabing Huang, State Key Laboratory of Remote Sensing, Chinese Academy of Sciences, *Constructing a green railway on the Tibet Plateau: Evaluating the effectiveness of mitigation measures.*

3134. Capitalism, Chinese Style? (I) (Sponsored by Economic Geography Specialty Group, China Specialty Group)

Room: Skybox 206, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Jun Zhang, National University of Singapore; Kam Wing Chan, University of Washington

CHAIR(S): Jun Zhang, National University of Singapore

Panelists: You-tien Hsing, University of California at Berkeley; Weidong Liu, Chinese Academy of Sciences; Tim Oakes, University of Colorado; Fulong Wu, Cardiff University; Clifton W. Pannell, University of Georgia; Richard A. Walker, University of California-Berkeley; Kam Wing Chan, University of Washington; James W. Harrington, University of Washington

3135. Parks Gone Wild: Exploring the Boundaries of Nature Protection, Session 1 (Sponsored by Recreation, Tourism, and Sport Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Yolonda Youngs, Arizona State University, School of Geographical Sciences; Terence Young, California State Polytechnic University-Pomona

CHAIR(S): Yolonda Youngs, Arizona State University, School of Geographical Sciences

8:00 Geoffrey L. Buckley*, Ohio University, *From Green to Black and Back: Asphalt Removal in Baltimore.*

8:20 William E. O'Brien*, Florida Atlantic University, *Some Permeable Boundaries in Jim Crow State Parks: Mid-century Examples from Texas.*

8:40 Peter J. Blodgett, PhD*, Huntington Library, *"At Play in the Wild: The National Conference on Outdoor Recreation and the Development of the National Parks 1920-1933".*

9:00 Craig E. Colten*, Louisiana State University, *Submarginal Lands for Submarginal Citizens? Creating Parks in the South.*

9:20 Terence Young*, California State Polytechnic University-Pomona, *'A Clearer Picture of this Country': Trailering to (Re)Discover America.*

3136. Geographic Information Ethics and GIScience I (Sponsored by Geographic Information Science and Systems Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Dawn J. Wright, Oregon State University;

Francis Harvey, University of Minnesota, Minneapolis

CHAIR(S): Dawn J. Wright, Oregon State University

Introducer: Dawn J. Wright, Oregon State University

8:04 Francis Harvey*, University of Minnesota, Minneapolis, *Reflections on Experiences Teaching GIS Professional Ethics.*

8:19 Nancy J. Obermeyer, PhD, GISP*, Indiana State Univ, *Applying Virtue Ethics in the GIS Community.*

8:34 Yvan Bedard*, Laval University; Marc Gervais, Laval University; Jennifer Chandler, University of Ottawa; Rodolphe Devillers, Memorial University of Newfoundland, *Professional Ethics, System Design Methods and Geospatial Data Quality.*

8:49 Teresa Scassa*, Canada Research Chair in Information Law, University of Ottawa, *Geographical Information Systems and Privacy.*

9:04 Paul Zandbergen*, University of New Mexico, *Reverse Geocoding and Implications for Geospatial Privacy.*

9:19 John Cloud*, NOAA Central Library, *The Earth through a Keyhole.*

3137. Locating the Multiple Politics of Food I: (Sponsored by Qualitative Research Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Hilda Kurtz, University of Georgia; Priscilla McCutcheon, The University of Georgia

CHAIR(S): Hilda Kurtz, University of Georgia

8:00 Laura Shillington*, Nacional Autónoma De México (UNAM), *Right to Food, Right to the City: Collective Urban Agriculture, the Social-Ecological Production of Urban Space in Mexico City.*

8:20 Priscilla McCutcheon*, The University of Georgia, *Black Nationalist Religions and Food Production/ Sovereignty.*

8:40 Hilda Kurtz*, University of Georgia, *What kind of food for what kind of citizens? Community supported agriculture and food citizenship.*

9:00 Sasha Cuerda*, University of Illinois at Urbana-Champaign, *Meatonomy: Urban Political Ecology and the politics of nose-to-tail eating.*

Discussant(s): Julie Guthman, Univ of California Santa Cruz

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3138. Preparing Masters Students for Careers Outside the University (Sponsored by Private/Public Affinity Group, Applied Geography Specialty Group, Community College Affinity Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Janice Monk, University of Arizona; Beth Schlemper, University of Toledo
 CHAIR(S): Janice Monk, University of Arizona
 Panelists: Burrell E. Montz, Binghamton University; Donald A. Friend, Minnesota State University; Trudy Suchan, U.S. Bureau of the Census; Jeff Colby, Appalachian State University; Jeffrey M. Young, LizardTech; Patrick L. Lawrence, University of Toledo

3139. Cloud Computing (Sponsored by Cyberinfrastructure Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Chaowei Yang, George Mason University; Robert Raskin, Jet Propulsion Lab
 CHAIR(S): Chaowei Yang, George Mason University
 8:00 Michael F. Goodchild, University of California - Santa Barbara
 8:20 Bin Li, Central Michigan University
 8:40 Barbara Poore, United States Geological Survey
 9:00 Robert Raskin, Jet Propulsion Lab
 9:20 Qingfeng Guan, United States Geological Survey

3140. Business Dynamics and Decision Making

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Grant Ian Thrall, University of Florida
 8:00 James M. Rubenstein*, Miami University of Ohio, *Geographic Principles for Decisions in the Auto Industry.*
 8:20 Petr Rumpel*, University of Ostrava; Petr Rumpel, University of Ostrava, Dept. of Human Geography and Regional Development, *Business Decisions In The Industrial Global Economy - Case Study of Ostrava region, Czech Republic.*
 8:40 Rich Greene*, Northern Illinois University; Jerry Platt, University of Redlands, *Globalization's Impact on the Inland Empire's Industrial Geography: Focus on Small Business Dynamics.*
 9:00 Linda McCarthy*, University of Wisconsin, *The Commerce Clause as a Constraint on Wasteful Business Incentives: Roadblock or Bump in the Road in the "Race to the Bottom?".*
 9:20 Grant Ian Thrall, PhD*, University of Florida; Nicholas Serlucio, graduate student, University of Florida; Wayne Wallace, PhD., University of Florida, Director Career Resource Center; Petr Rumpel, PhD., Professor and Chair, Department of Social Geography and Regional Development Centre of Town and Regional Management Science Faculty, University of Ostrava, *Proactive Management of Labor Supply Creation.*

3141. Critical Geographies of Culture and Power in the Global South Part I

Room: Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor (Paper Session)
 ORGANIZER(S): Maureen Sioh, DePaul University
 CHAIR(S): Maureen Sioh, DePaul University
 8:00 Susan M. Roberts*, University of Kentucky, *Development and Smart Power: the case of the US Millennium Challenge Corporation.*
 8:20 Julie Cupples*, University of Canterbury, *Wild globalization: Hurricane Felix and the gendered economies of the Miskito Keys.*
 8:40 Denielle Perry*, University of Nevada, Reno, *Hydropower development under CAFTA: Free trade with a heavy hand.*
 9:00 Maureen Sioh*, DePaul University, *The Hollow Within: Anxiety and Performing Postcolonial Financial Policies.*

3143. Climate Change and Environmental Justice

Room: North Hall N101, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): David R. Rain, The George Washington University
 8:00 Scott Stephenson*, UCLA, *Implications of climate change for aggregate migration modeling.*
 8:20 Matthias Ruth, PhD., Center for Integrative Environmental Research, University of Maryland, College Park; Scott W. Goodwin, M.A.A.*, University of Maryland Center for Integrative Environmental Research, *Coastal Flooding, Environmental Justice, and Adaptation on Maryland's Rural Eastern Shore.*
 8:40 Ellen Douglas*, University of Massachusetts Boston; Paul Kirshen, Tufts University; Chris J Watson, University of Massachusetts Boston; Jack Wiggins, Urban Harbor Institute, University of Massachusetts Boston; Allen Gontz, University of Massachusetts Boston, *Coastal Flooding and Environmental Justice: Identifying Vulnerable Communities in Boston.*
 9:00 Ann Yoachim*, Tulane Institute on Water Resources Law & Policy, *Defining Resilience: A Case Study of Three Communities in Southern Louisiana.*
 9:20 David R. Rain*, The George Washington University, *Does Poor = Vulnerable?.*

3144. Surveillance and Governmentality

Room: North Hall N102, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Kang Sun, Bowling Green State University
 8:00 Rob Sullivan*, UCLA Geography Department, *The Geography of the Everyday.*
 8:20 Arlene Crampsie, PhD*, Boston College - Ireland, *Techniques of Governmentality - Rural District Councils in Ireland, 1898 - 1922.*
 8:40 Kang Sun, PhD*, Bowling Green State University, *The New Forbidden City: Surveillance and Spectacle.*

TUESDAY, MARCH 24 • 8:00 AM - 9:40 AM • 3100**3145. Geomorphology Specialty Group Graduate Student Paper Competition I (Sponsored by Geomorphology Specialty Group)***Room:* North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Dan Royall, UNC-Greensboro

CHAIR(S): Dan Royall, UNC-Greensboro

8:00 Patrick J. Womble*, Missouri State University; Marc R. Owen, Missouri State University; Robert T. Pavlowsky, PhD, Missouri State University, *Historical Mining Pollution in Floodplain Deposits Along Lower Pearson Creek, SW Missouri*.

8:20 Ryan L Perroy*, UC Santa Barbara; Greg Asner, Department of Global Ecology, Carnegie Institution; Bodo Bookhagen, UC Santa Barbara; Oliver Chadwick, UC Santa Barbara, *Quantifying geomorphic processes in a disturbed landscape, southwestern Santa Cruz Island, CA*.

8:40 Paul Blanton*, Dept. of Geography, University of Oregon, *Railroads, roads, and disconnection in the river landscapes of the United States*.

3146. Practices and Landscapes of Militarization III: Violence, the Nation-State and Body Politic (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)*Room:* North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jenna M. Loyd, City University of New York;

Matthew Mitchelson, University of Georgia

CHAIR(S): Matthew Mitchelson, University of Georgia

8:00 Andrew B Shears*, Kent State University, *Erasing Space: Silencing Protest By Re-Programming Spaces of the May 4, 1970 Shootings at Kent State University*.

8:20 Cheryl Gowar*, *Questioning the role of the state in the production of citizenship*.

8:40 Amy M Siciliano*, UW Madison, *'Normalizing the Abnormal': surveillance, security and social control*.

9:00 Elizabeth A. Oglesby*, University of Arizona, *Community Responses to Immigrant Raids*.

3147. Dendrochronology I: Dendroclimatology (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)*Room:* North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Christopher M. Gentry, Austin Peay State

University; James H. Speer, Indiana State University

CHAIR(S): Christopher M. Gentry, Austin Peay State University

8:00 Zewdu Eshetu Asfaw, Ph. D.*, Forestry Research Center, Ethiopian Institute of Agricultural Research; Iain Robertson, University of Wales, Swansea; Steven W Leavitt, University of Arizona; Valery J Terwilliger, University of Kansas, *Rainfall Variability And Drought History In Ethiopia, And Societal Response To Climate Change*.

8:20 Ze'ev Gedalof*, University of Guelph; Jennifer Franks, University of Guelph; Tom Maertens, University of Guelph; Lesley Davy, University of Guelph, *The Growth-Climate Relations of Oregon White Oak (Quercus Garryana) - Context, Competition, and Climatic Change*.

8:40 Joseph P. Henderson, Dr.*, United States Military Academy; Henri D. Grissino-Mayer, Dr., University of Tennessee, *The Influence of Atmospheric Teleconnections on Longleaf Pine Growth*.

9:00 Michael Pisaric*, Carleton University; Sonia St-Onge, Carleton University; Steve Kokelj, Water Resources Division, Indian and Northern Affairs Canada, *Tree ring reconstruction of early growing season precipitation from Yellowknife, Northwest Territories*.
Discussant(s): Stockton Maxwell, West Virginia University

3148. Canadian Studies and Geography: Defining a Research Agenda for the 21st Century (Sponsored by Canadian Studies Specialty Group)*Room:* North Hall N109, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Heather Nicol, Trent University

CHAIR(S): Susan Lucas, Edinboro University of Pennsylvania

Panelists: Susan Lucas, Edinboro University of Pennsylvania;

Heather Nicol, Trent University; Sara Beth Keough,

Saginaw Valley State University

3149. Perceiving and Preserving Parks'*Room:* North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William A. Selby, Santa Monica College

8:00 Ronald A. Davidson*, California State University, Northridge, *Exhuming Exopolis: Parks and the Possibility for Urban Life in the San Fernando Valley*.

8:20 Karl Byrand, PhD*, University of Wisconsin Sheboygan, *A Hotel Worthy of an Iconic Landscape: Paving the Way for Development of Old Faithful Inn at Yellowstone's Upper Geyser Basin*.

8:40 Stephen M. O'Connell*, University of Mary Washington, *Reaching the Rim: Landscapes of Access and Amenity on the Road to Crater Lake*.

9:00 Bradley A. Shellito*, Youngstown State University; Peter HappelChristian, Youngstown State University, *To The Point of Beginning*.

9:20 William A. Selby*, Santa Monica College, *Discovering Biological and Cultural Diversity in the Field*.

3150. Issues in International Tourism I (Sponsored by Recreation, Tourism, and Sport Specialty Group)*Room:* North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Sanjay K Nepal, Texas A&M University

CHAIR(S): Sanjay K Nepal, Texas A&M University

8:00 Briavel H. Holcomb*, Rutgers University, *Medical and Wellness Tourism to India: Comparative Impacts*.

8:20 Anton Gosar*, Faculty of Humanities Koper, University of Primorska; Anton Gosar, University of Primorska, Koper-Capodistria, Slovenia, *Tourism In Eu's Protected Areas: Case Study Slovenia*.

8:40 Rachel Dodds, PhD*, Ted Rogers School of Hospitality & Tourism Management, Ryerson University, *Koh Phi Phi, Thailand: moving towards or away from sustainability?*.

9:00 Nick Kontogeorgopoulos*, University of Puget Sound, *The Role of Tourism in Elephant Welfare and Conservation in Northern Thailand*.

9:20 Sanjay K Nepal*, Texas A&M University; Geoffrey Lacher, Clemson University, *Dependency and tourism in Northern Thailand*.

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3152. The 'New Urban Politics' Two Decades On, V: The 'New Urban Politics' of (De)Collectivized Consumption

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Martin R. Jones, University of Wales,

Aberystwyth; Gordon MacLeod, University of Durham

CHAIR(S): Gordon MacLeod, University of Durham

8:00 Deborah G. Martin*, Clark University; Alexander Scherr, University of Georgia School of Law; Joseph Pierce, Clark University, *Devolution or Abandonment? Neoliberal Policy and Group Home Siting.*

8:20 Claudia Hanson Thiem*, University of Wisconsin-Madison, *Revisiting collective consumption: education reform and urban politics in US cities.*

8:40 Julie MacLeavy*, University of Bristol, *Into Tomorrow: Sustainable Communities, Housing and Welfare in the UK.*

9:00 Robert Fairbanks*, University of Chicago, *The politics of urban informality in Philadelphia's Recovery House Movement.*

Discussant(s): Kevin R. Cox, Ohio State University

3153. Creativity and Development: Different Viewpoints

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Elizabeth Currid, University of Southern California

CHAIR(S): Elizabeth Currid, University of Southern California

8:00 Elizabeth Currid, PhD*, University of Southern California; Sarah Williams*, Columbia University, *The Geography of Buzz: Art, Culture and the Social Milieu.*

8:20 Allen J. Scott*, University of California - Los Angeles, *The Creative Field of Cities (in Cognitive-Cultural Capitalism).*

8:40 Michael Storper*, London School of Economics; Allen J. Scott, UCLA, *The roles of human capital, creativity and production in urban growth: A critique and reconstruction.*

9:00 Harvey Molotch*, NYU; Mark Treskon, New York University, *Changing Art: SoHo, Chelsea, and the Dynamic Geography of Selling in the City.*

Discussant(s): Elizabeth Currid, University of Southern California

3154. Arctic Hydroclimatology I: Characterization of Spatial and Temporal Variability and Recent Change (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Michael Rawlins, Jet Propulsion Laboratory; Hengchun Ye, California State University - Los Angeles

CHAIR(S): Hengchun Ye, California State University - Los Angeles

8:00 Gina R Henderson*, University of Delaware; Daniel J Leathers, PhD, University of Delaware; Brian Hanson, PhD, University of Delaware, *Modeled response of snow cover-atmosphere-ocean interactions in the Northern Hemisphere.*

8:20 Daniel J. Leathers, PhD*, University of Delaware; Gina R. Henderson, University of Delaware, *Snow Cover and Sea Surface Temperature Associations in a Coupled GCM - Slab Ocean Model.*

8:40 Debjani Ghatak*, The Graduate Center, The City University of New York; Allan Frei, Hunter College, City University of New York; Gavin Gong, Columbia University; Julianne Stroeve, National Snow and Ice Data Center, University of Colorado, Boulder, *Response of Land-surface Snow Cover to the Arctic Sea Ice.*

9:00 Asa K Rennermalm*, University of California Los Angeles; Laurence C Smith, University of California Los Angeles; Julianne C Stroeve, National Snow and Ice Data Center; Vena W Chu, University of California Los Angeles, *Influence of sea-ice on Greenland ice-sheet surface-melt.*

3155. Eastern Europe and the Former Soviet Union: 20 Years On (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Chad Staddon, University of the West of England

Panelists: Beth Mitchneck, University of Arizona; Robert Kaiser; Darren Purcell, University of Oklahoma; Craig Young, Manchester Metropolitan University; Chad Staddon, University of the West of England

3156. Reanimating the Monstrous I

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Deborah Dixon; Susan Ruddick, University of Toronto

CHAIR(S): Susan Ruddick, University of Toronto

8:00 Susan Ruddick, Associate Professor*, University of Toronto, *Terratology.*

8:20 Barbara Hooper, PhD*, New York University, *Cannibals and Culinary Justice: A Selection of Hors d'oeuvres Prepared as Food for Thought upon the Problems of Eating and Being Eaten.*

8:40 Deborah Dixon*, Aberystwyth University, *Prey.*

9:00 Paul Cloke*, University of Exeter, *See no evil? The materiality and embodiment of telos.*

Discussant(s): Keith Woodward, University of Exeter

3157. Census Bureau Geographic Issues and Operations

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Michael Ratcliffe, U.S. Bureau of the Census

CHAIR(S): Michael Ratcliffe, U.S. Bureau of the Census

8:00 Christopher Henrie*, U.S. Census Bureau, *Issues and Considerations for Defining Urban and Rural in the U.S. and Puerto Rico.*

8:20 Matthew Jennings*, U.S. Bureau of the Census; Michael Ratcliffe, US Census, *When Does An Apple Become An Orange? Geographic Change Over Time and the Question of Comparability.*

8:40 Timothy F. Trainor*, U.S. Bureau of the Census, *Geographic Operations for the 2010 Census.*

9:00 Michael Ratcliffe*, U.S. Bureau of the Census, *Geographic Issues and Operations Beyond the 2010 Census.*

3158. Land and Resource Management in Indigenous Contexts (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Julianne Hazlewood, University of Kentucky

8:00 Aregnaz Mooradian*, Cal State University, Long Beach, *Multicultural Practice in the NGO.*

8:20 Santiago Lopez*, The George Washington University; Rodrigo Sierra, University of Texas at Austin, *From the household to the community: A spatially explicit model of Native Amazonian cultivation.*

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8:40 Lucas C. Ward, PhD Candidate in Geography*, University of Colorado-Boulder, *Corruption, identity, and "la pobre indigena" - Indigenous (Yshyr/Chamacoco) and mestizo responses to Integrated Resource Management in the Paraguayan Pantanal.*

9:00 Gerardo Hernández-Cendejas*, Universidad Nacional Autónoma De México; Miguel Aguilar-Robledo, Universidad Autónoma de San Luis Potosí; Gustavo Garza, Universidad Nacional Autónoma de México; Gerardo Bustos, Universidad Nacional Autónoma de México, *An Environmental History of the PROCEDE?: A Case study of two Indigenous Communities in the Huasteca Potosina Region, Mexico, 1992-2006.*

9:20 Ben Bradshaw*, Dept. of Geography, Univ. of Guelph; Peter Siebenmorgen, Dept. of Geography, Univ. of Guelph, *Can mining contribute to community economic development in hinterland regions? The challenge for Impact and Benefit Agreements.*

3159. **Cartography Specialty Group Honors Student Paper Competition (Sponsored by Cartography Specialty Group)**
Room: North Hall N120, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Jeremy Mennis, Temple University Department of Geography and Urban Studies

CHAIR(S): Jeremy Mennis, Temple University Department of Geography and Urban Studies

8:00 Xingjian LIU*, Department of Geography, Texas State University - San Marcos; F. Benjamin Zhan, Department of Geography, Texas State University-San Marcos, *Road Selection Based on Voronoi Diagrams and 'Strokes' in Map Generalization.*

8:20 Albert Decatur*, Clark University, *An object-oriented land-cover classification methodology to generate land cover maps with a measured accuracy.*

8:40 Wei Chen, M.A. Candidate*, Ohio State University; Ningchuan Xiao, Ohio State University; Mei-Po Kwan, Ohio State University, *A framework of Ajax and Web API based Web GIS: An example for business.*

9:00 Alexander Dean Yule*, Middlebury College, *Mapping the Massacres: Einsatzkommando-3 in Lithuania, 1941.*

9:20 Lucas Rengstorff*, Missouri State University; Xiaomin Qiu, PhD, Missouri State University, *Web-based Interactive Cave Mapping: A Case Study for part of Fitton Cave.*

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3201. **Urban Geography: Regionalization and Change**
Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Grant Saff, Hofstra University

10:10 Elias Diaz Popuch*, Macalester College, *An Analysis of the Effects of Empowerment Zone Designation on Community Economic Development in Minneapolis, MN.*

10:30 Emily R Zupo, B.A.*, University of South Florida, *An Assessment on the Impacts of Relocation on Public Housing Youth in Tampa, FL.*

10:50 Norman Carter*, San Diego State University, *Homelessness as an Industry: A Case Study of Los Angeles.*

11:10 Anne Haila*, University of Helsinki, *Tenants' movement in Helsinki, Finland.*

11:30 Grant Saff*, Hofstra University, *The Post-Industrial suburb: Immigration and economic change in Edison, N.J.*

3202. **Working With U.S. Census Bureau Data II: Population Distribution and Economic Analysis**

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Darryl T. Cohen, U.S. Census Bureau

CHAIR(S): Darryl T. Cohen, U.S. Census Bureau

10:10 Darryl T. Cohen*, U.S. Census Bureau, *Employment in Principal Cities of Metropolitan Statistical Areas: 2000.*

10:30 Todd Gardner, PhD*, U.S. Census Bureau; Matthew Marlay, PhD., U.S. Census Bureau, *Employment Clusters in the United States.*

10:50 Steven G Wilson*, U.S. Bureau of the Census, *Population Dynamics in the Great Plains, 1950 to 2007.*

11:10 Thomas Fischetti*, U.S. Census Bureau, *Economic Restructuring, the High-Tech Sector, and Population Trends: 1988-1999.*

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3203. Urban Geography, Planning, Social Geography, Transportation

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

Seth Cavello*, University of Cincinnati, *Expansion in Chinatown*.

Jieun Lee*, Michigan State University; Zeenat Kotval*,

Michigan State University; Igor vojnovic, Michigan State University; Perry Varnakovida, Michigan State University; Shannon Smith, Michigan State University; Gabriela Frask, Michigan State University; Joe Messina, Michigan State University; Ellen Velie; June Thomas; Bruce Pigozzi, Michigan State University; Joe Darden, Michigan State University; Dan Griffith, *The Social Dynamics of Accessibility, Travel Behavior, and Physical Activity: An Inner-city/Suburb Comparison*.

Matthew J Salem*, School of Geographical Sciences - Arizona State University; Elizabeth M Cook, School of Life Sciences - Arizona State University; Kelli L Larson, PhD, School of Geographical Sciences & Sustainability - Arizona State University; Sharon J Hall, PhD, School of Life Sciences - Arizona State University, *Vegetation Cover of Residential Landscapes and the Socio-ecological Implications at a Neighborhood Scale*.

Jessica Gabriel*, University of Denver, *Assessing Denver's Public Art through the Democratic National Convention Lens; Administrative versus Public Opinion*.

James B. Foust*, University of Wisconsin-Eau Claire; Evan Byers, University of Wisconsin-Eau Claire; Katrina Murry, University of Wisconsin-Eau Claire; Bethany Nelson, University of Wisconsin-Eau Claire; Lindsay Olson, University of Wisconsin-Eau Claire; Christopher Rodengen, University of Wisconsin-Eau Claire; William Steinbrecker, University of Wisconsin-Eau Claire, *Drive Until You Qualify: Evidence from the Twin Cities Urban Area*.

Amanda M Roberts*, University of Maryland, Baltimore County, *Urban Street Tree Priorities for Baltimore City's Watershed 263*.

Yvette M Williams*, University of Maryland Baltimore County, *Vegetation management in the context of neighborhood social processes*.

Anthony Knapp*, Michigan State University, *Building a "Brand Name" Neighborhood: Immigrant Place Entrepreneurialism and Economic Development in Houston's New Chinatown District*.

Mika Kumagai*, Osaka City University; Taku Fukumoto, Osaka City University, *Spatial Analysis of Social Problems in Japan's Global Cities, 1995-2005*.

Justyna Goworowska*, US Census Bureau, Population Division, *No Longer Polish? The Changing Cultural Landscape of Greenpoint, Brooklyn*.

Benjamin Funke*, Arizona State University, School of Sustainability; Elizabeth M Cook, Arizona State University, School of Life Sciences; Sharon J Hall, Arizona State University, School of Life Sciences; Kelli L Larson, Arizona State University, Schools of Geographical Sciences and Sustainability; Colleen Strawhacker, Arizona State University, School of Human Evolution and Social Change; Kelly Turner, Arizona State University, School of Geographical Sciences, *Legacy Effects and the Social-Ecological Dynamics of Residential Landscapes: An Interdisciplinary Study in Phoenix, Arizona*.

William C Walker*, University of North Alabama; William R Strong, University of North Alabama, *The Evolving Landscape of Santa Ana, Costa Rica*.

Gabriela Frask*, Michigan State University, *Exploring Housing Market Impacts of Portland, Oregon's Urban Growth Boundary, 1970-2000*.

Keith Bremer*, Texas State University - San Marcos, *Smart Growth: A preliminary status report on American urban planning*.

Lisa J. Theo*, University of Wisconsin-Stevens Point; Holly Ehrhardt, UW-Stevens Point; Kevin Kapitan, UW-Stevens Point; Jennifer Degenhardt, UW-Stevens Point, *More than Race: Segregation in Milwaukee, Wisconsin*.

Ryan Douglas Weichelt*, University of Central Oklahoma; Katie Haselwood*, University of Kansas, *Tennis Anyone? Urban and Social Segregation of Tennis Court Locations in Milwaukee County, Wisconsin*.

Igor Vojnovic*, Michigan State University; Angelo Podagrosi; Zeenat Kotval; Jieun Lee; Perry Varnakovida; Joe Messina; Gabriela Frask; Bruce Pigozzi; Joe Darden; Tim Ledoux, *Travel Behavior, Physical Activity, Obesity, and the Urban-built Environment: Assessing outcomes in the Lansing Michigan Context*.

Lee McAuliffe*, University of Southern California, *Vacation at Home: The emergence of resort-style residential design and development*.

Danielle Page*, Daniel Moylan; Virginia Malcolm, *There is no place like home; Affordable housing in Milford, New Hampshire*.

Corey Andrew Brunk*, Missouri State Graduate Student, *Alternative Transportation Planning in Ozark Greenways*.

Jorge Baltazar*; Stephen Noori; Deanna Cox; Taylor Broussard; C. Derya Ozgoc-Caglar, Assistant Professor; Louis Kwan; Phillip Siegrist, *The Introduction of Districts in the Redevelopment of Downtown Fresno*.

E. Spencer Fleury, PhD*, University of South Florida, *How Land Use Planners Perceive Karst-Related Land Use Regulations: Results of a Survey*.

Amanda Krugh, PhD Student*, WVU, *Economic Restructuring in a Rural Appalachian Community*.

Sheila McGinnis*, Montana State University Billings, *Social Network Analysis of Western US Land-Use Planning Policy*.

Anna Christine Burk, Student*, University of North Alabama; Anna Christine Burk, University of North Alabama, *Community Boundaries: The Shoals area, North Alabama*.

John Byron Strait, Assistant Professor of Geography*, Sam Houston State University, *Teaching the Devil's Music: The Geography of Blues Culture*.

Yangyang Wang*, Clark University, *The Design of Vulnerability Index of Children for Worcester County Using GIS*.

Ivelisse Torres, UPR; Mariolga Julia*, UPR; Roberto E. Morales, UPR, *Pinones, Loiza: Race, Culture and Resistance*.

Michael Pirani, PhD*, North Carolina Central University; Nick Holdzkorn, North Carolina Central University, *Reading Durham: Before and After Hayti*.

Christopher Ryan Rodengen*, University of Wisconsin - Eau Claire Department of Geography, *An Air Traffic Destination Model for Indianapolis, Indiana (IND)*.

Laurel Cornell*, Indiana University, *Why Are American Roads So Large? An Empirical Investigation of Road Size in an American City, 1950-1990*.

Branden Rishel*, Victoria Car Share Co-op, *Car Sharing: Patterns of Use and Membership*.

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Pamela Dalal*, UCSB; Kostas Goulias, UCSB, *Changing Travel Demand in an Emerging City: Sylhet, Bangladesh.*

Yin Liu*, School of Geographical Sciences, Arizona State University; Lin Liu, Department of Geography, University of Cincinnati, *Evaluating the Reliability of using NFIRS Database on Emergency Response Study: using the City of Lebanon, Ohio as an example.*

Michael R Linacre*, Michigan State University, *Who's Riding the Rails? The Relationship Between Demographics and Ridership of Chicago's Elevated Railways.*

Amy Duquesnoy*, Salem State College, *Envisioning the Future of Salem: Transportation.*

Susan L. Jakubowski*, University of Cincinnati, *Place, Power and Language.*

Jennifer Carr*, Salem State College, *The Future: Changes in Biodiversity of Salem Harbor, Salem Massachusetts.*

John E. Bodenman*, Bloomsburg University, *The Geography of Tax-Exempt Assets Management in the United States, 1983-2007.*

3204. Location Modeling and Applications (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Mark W. Horner, Florida State University

CHAIR(S): Ho-Seop Cha, University of Central Missouri

10:10 In-Young Yeo*, University of Maryland - College Park, *Optimizing Land Use Patterns under the Climatic Variability.*

10:30 Paul J Maliszewski*, Arizona State University, *A Multiobjective Model for Strategically Locating Bioterrorism Disaster Relief Stockpiles.*

10:50 Ho-Seop Cha*, Department of Geography, University of Central Missouri; Alan T. Murray, School of Geographical Sciences, Arizona State University, *Locations of public transportation facilities developed by spatial representation model and bi-objective model.*

11:10 Jason L Kelley*, Arizona State University, *Transportation Network Optimization for the Movement of Indigenous Goods in Amazonian Ecuador.*

11:30 Mark W. Horner*, Florida State University, *Uncertainty in Spatial Models for Hurricane Disaster Relief.*

3205. International Issues in Water 1

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert B. Potter, University of Reading

10:10 Carolyn Roberts*, University of Gloucestershire; Matt Reed, University of Gloucestershire; Owain Jones, University of Gloucestershire, *Learning from the 2007 Floods in Central England.*

10:30 Benjamin Kof Nyarko, Dr.*, Dept of Geography & Regional Planning, University of Cape Coast, Ghana; Bernd Diekkruiger, Prof. Dr., Geography Institute, University of Bonn, Germany; Zultan Vekerdy, Dr., ITC, Enschede, The Netherlands; Nick Van de Giesen, Prof. Dr., Dept of Geosciences, Delft Technical University, Delft, The Netherlands, *Modeling Unsaturated Zone of The Floodplain Wetland In The White Volta Basin, Ghana.*

10:50 Maryam Khodakarami*, Mohamadreza A Moghadam, Department of Education, Azad University, Tehran, Iran; Parviz Kardavani, Professor, Department of Education, University of Tehran, Iran, *Flood and Hydrology Management of the Khansar Drainage River, Iran.*

11:10 Ilaria Giglioli, BA*, University of Toronto, *Towards the development of a political ecology of water in conflict regions: the case of the Occupied Palestinian Territories.*

11:30 Robert B. Potter, Professor*, University of Reading, *Socio-Economic Variations in Water Consumption, Household Management Strategies and Satisfaction in Greater Amman, Jordan.*

3206. Neighborhood Scale Urban Research (Sponsored by Economic Geography Specialty Group, Population Specialty Group, Urban Geography Specialty Group)

Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Michael Reibel, California State University

CHAIR(S): Michael Reibel, California State University

10:10 Marcos H. Feldman*, Research Institute on Social and Economic Policy, *Gentrification in an Intra-City Comparative Perspective: The Socio-Spatial Contours of Change in Wynwood and Little Havana (Miami, FL).*

10:30 Shawn Landry*, University of South Florida; Jayajit Chakraborty, University of South Florida, *Exploring the Equity Implications of an Urban Amenity: Street Trees in Tampa, Florida.*

10:50 Michael Reibel*, California State University; Moira E Regelson, PhD, Perfect Market, Inc., *A Cluster Analysis of Neighborhood Racial and Ethnic Geographies in the Fifty Largest U.S. Cities.*

11:10 John R. Weeks, PhD*, San Diego State University; Allan G. Hill, PhD, Harvard University; Arthur Getis, PhD, San Diego State University; Douglas A Stow, PhD, San Diego State University; David Rain, PhD, George Washington University; Ryan Engstrom, PhD, George Washington University, *Modeling Spatial Inequalities in Health in Cities of Developing Countries.*

11:30 Antony Chum*, University of Toronto, Dept of Geography, *Evictions as a form of gentrification induced displacement.*

3207. Travel, Tourism, and Recreation 2

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Theodore L. Goudge, Northwest Missouri State

10:10 William Heitshusen*, United States Air Force Academy, *Search for Optimal Rest House Location along Grand Canyon National Park's Bright Angel Trail.*

10:30 Yumiko Yamamoto*, Central Michigan University, *Analysis of sustainable tourism using GIS in Sleeping Bear Dunes National Lakeshore.*

10:50 Christa Hubers*, Utrecht University; Helen Couclelis, University of California, Santa Barbara, *Quantity or quality? Interpersonal differences in the spatiotemporal fragmentation of leisure activities.*

11:10 Theodore L. Goudge*, Northwest Missouri State; Anthony Volz, Northwest Missouri State University, *Women's Major College Basketball Player Origins: A Geographical Analysis.*

11:30 Brett Johnson*, Northwest Missouri State; Anthony Volz, Northwest Missouri State; Theodore L Goudge, Northwest Missouri State, *Gridiron Glory: The Geography of Div. II Football Player Origins.*

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3208. Immigration, urban economic development, and social reproduction II

Room: *Royale Pavilion 3, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Adam Pine, University of Minnesota -- Duluth
CHAIR(S): Adam Pine, University of Minnesota -- Duluth
10:10 Adam Pine*, University of Minnesota -- Duluth, *The Bodega as a Family Business: Constructing the household as a scale of economic redevelopment.*
10:30 Elizabeth L Sweet*, University of Illinois Urbana Champaign, *New Expressions of Racism after 9/11: Gender and Race in the Context of the Anti-Immigrant City.*
10:50 Stacy Anne Harwood*, University of Illinois, *Insurgent Practices in Land-Use Planning: Putting Difference on the Municipal Agenda.*
11:10 Lia Frederiksen*, University of Oregon, *Bodies, Geography and Globalization: Social Reproduction in Post-Apartheid Cape Town, South Africa.*
Discussant(s): Adam Pine, University of Minnesota -- Duluth

3209. Migration Geographies I

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Ginger Mansfield, University of Oklahoma
10:10 Prabha Shree Jain*, University of Rajasthan, Jaipur, India, *Spatial Distribution and migrant settlement in Jaipur.*
10:30 Yuhui Cheng*, Royal Holloway, University of London, *Taiwanese highly-skilled expatriates' home-making and belonging in the YRD, China.*
10:50 Krystian Heffner*, University of Economics, Katowice (Poland), *Foreign Migration of Poles and the Concept of Migration Region at the Turn of Centuries.*
11:10 Eva Janska*, Faculty of Science, Charles University in Prague; Zdenek Cermak; Dusan Drbohlav; Lenka Medova; Dita Cermakova, *Spatial distribution of foreigners in the Czech Republic and foreigners' internal migration.*
11:30 Ginger Mansfield*, University of Oklahoma, *Migration and American Expats in France.*

3210. Brownfields and Waste 2

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Keshav Bhattarai, University of Central Missouri
10:10 Julian Cleary, M.Sc.*, University of Toronto, *Life cycle assessments of municipal solid waste: a comparative analysis of selected peer-reviewed literature published from 2002 to 2008.*
10:30 Kendrick J. Curtis*, University of Tennessee, *The Influences of Growth Beyond the Pipe: Evidence from Tennessee.*
10:50 Kevin Czajkowski, PhD.*, University of Toledo; April Ames, University of Toledo; Timothy Ault, University of Toledo; Teresa Benko, University of Toledo; Robert Vincent, Bowling Green State University; Wendy McNulty, Bowling Green State University; Michael Bisesi, University of Toledo; Sheryl Milz, University of Toledo; Sadik Khuder, University of Toledo; Brian Fink, University of Toledo; Hiroyuki Iseki, University of Toledo; Bhuiyan Alam, University of Toledo; Patrick Lawrence, University of Toledo; Alison Sponberg, University of Toledo; James Coss, University of Toledo; Jason Witter, University of Toledo; Jennifer Rader, University of Toledo; Paul Thebo, University of Toledo; Michael Stoll, University of Toledo; David Czajkowski, University of Toledo; Mandy Munro-Stasiuk, Kent State University; Kristin

Walls, Kent State University; Jennifer Amendola, Kent State University; Bradley Shellito, Youngstown State University; Craig Strahler, Youngstown State University; Wook Rak Jung, Youngstown State University; Pete Clapham, Cleveland State University; Dan Gouch, Cleveland State University; Melinda Stahl, Cleveland State University; Subramania Sritharan, Central State University; Krishnakumar Nedunuri, Central State University, *Use of GIS to Analyze the Potential Health Impacts of the Application of Sewage Sludge to Agricultural Fields.*

11:10 Keshav Bhattarai*, University of Central Missouri; Krishna P Paudel, Louisiana State University, *A grid-based spatial modeling of broiler litter applications in Louisiana.*

3211. Muslim Identity, Citizenship and Belonging: New Questions and Approaches for Geographers (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Panel Session)
ORGANIZER(S): D. James McLean
CHAIR(S): D. James McLean
Introducer: D. James McLean
Panelists: Anna J Secor, University of Kentucky; Banu Gokarikel, University of North Carolina, Chapel Hill; Peter E Hopkins, Newcastle University, UK; Betty Lininger, Rachel Pain, University of Durham; Catherine Alexander, Durham University; Robina Mohammad, University of Plymouth; Caroline Nagel, University of South Carolina; D. James McLean

3212. Young Scholar Perspectives on Human Dimensions of Global Change Research : Advancing the Role of Research in Environmental Decision Making (Sponsored by Graduate Student Affinity Group, Human Dimensions of Global Change Specialty Group)

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Cerian Gibbes, University of Florida; Tom Evans, Indiana University
CHAIR(S): Seth Baum, Pennsylvania State University
10:10 Seth D Baum*, Pennsylvania State University, *Integrating Ethics Into Human Dimensions of Global Change Research.*
10:30 Bryan R. Bushley*, University of Hawai'i Manoa, *of Communities and Carbon: Local Voices in Global Climate Change Policy.*
10:50 James M Jeffers*, Rutgers University, *Minding the Gap: Knowledge, local decision-making and adaptation to climate change in Ireland's coastal cities.*
11:10 Peter Richards*, Michigan State University, *Soy, Cattle, and Forest Loss in Brazil's Global Agricultural Commodities and Environmental Change in Brazil's Amazon Basin.*
11:30 Jennifer S Carrera, MS*, University of Illinois at Urbana-Champaign, *Democratizing Knowledges about Global Environmental Change: A Feminist Challenge.*
Introducer: Brenton M. Yarnal

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3213. **Organizing the Edu-factory: Radical Geography and Collective Action in the Academy**

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Christian Anderson, The City University of New York

CHAIR(S): Jesse Goldstein, City University of New York
 Panelists: Scott Prudham, University of Toronto; Nicholas Velluzzi, College of Charleston; Robert Ramsay, University of Toronto; Leslie McLees, University of Oregon; Robert Fairbanks, University of Chicago; Ananthakrishna Maringanti, University of Minnesota - Minneapolis; Lawrence D. Berg, University of British Columbia; Jesse Goldstein, City University of New York

3216. **Mentoring Undergraduate Research in Geography (Sponsored by Geography Education Specialty Group)**

Room: *Capri 103, Riviera Hotel, 1st Floor* (Illustrated Paper Session)
 ORGANIZER(S): Dale K. Splinter, University of Wisconsin-Whitewater; Julio C. Rivera, Carthage College

CHAIR(S): Deanna van Dijk, Calvin College
 10:10 Julio C. Rivera*, Carthage College, *Scaffolding the Curriculum to Promote Undergraduate Research*.
 10:15 Laura Guertin*, Penn State Brandywine, *Cemeteries as Sites of Multidisciplinary Research for Undergraduate Students*.
 10:20 Deanna van Dijk*, Calvin College, *Undergraduate Research is Building an Understanding of Lake Michigan Coastal Dunes*.
 10:25 Dale K. Splinter*, University of Wisconsin-Whitewater, *Undergraduate Research Students and Watershed Monitoring*.
 10:30 David Young*, Calvin College, *A Student Perspective on Undergraduate Research in Geography*.

3217. **Long-term collaboration and meaningful partnerships with African universities (Sponsored by Africa Specialty Group)**

Room: *Capri 104, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Jennifer Rogalsky, SUNY - Geneseo
 CHAIR(S): Jennifer Rogalsky, SUNY - Geneseo
 Panelists: Jennifer Rogalsky, SUNY - Geneseo; Calvin O. Masilela, Indiana University of Pennsylvania; William G. Moseley, Macalester College; Jane Battersby, University of Cape Town; Maria Elisa Christie, Virginia Tech; Olivier Graefe, University of Fribourg; Ibipo Johnston-Anumonwo, SUNY Cortland

3218. **Spatial and Network Analysis of Armed Conflict (Sponsored by Political Geography Specialty Group)**

Room: *Capri 105, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Steve Radil, University of Illinois at Urbana-Champaign; Andrew Lohman
 CHAIR(S): Colin Flint, University of Illinois
 10:10 Andrew Lohman*, University of Illinois, *Rethinking War and the City: Insurgency as a Conflict over Nodes within the Urban Network in the Viet Nam War*.
 10:27 Steven M. Radil*, University of Illinois at Urbana-Champaign, *Spatializing social networks: Structural equivalence as a means to incorporate power, position, and place in social network analysis*.
 10:44 Sang Hyun Chi*, University of Illinois at Urbana-Champaign, *Does Structure matter? The utility of social network analysis of World War I*.
 11:01 Megan Reif*, University of Michigan, *Electoral Competitiveness and the Geography of Election Violence and Coercion in Pakistan*.

11:18 Andrew Linke*, University of Colorado, *The localized political geography of Kenya's 2008 post-election violence*.

Discussant(s): Clionadh Raleigh, Trinity College Dublin

3219. **Geographies of Extraction, the State, and Development in Africa. (Sponsored by Africa Specialty Group, Developing Areas Specialty Group)**

Room: *Capri 106, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Rohit Negi, The Ohio State University; Tomas Frederiksen, University of Manchester

CHAIR(S): Rohit Negi, The Ohio State University
 10:10 Tomas Frederiksen*, University of Manchester, *Authorising the Natives: Mining, Governance and Governmentality in Colonial Zambia*.
 10:25 Ebenezer Goodman Ashie Nikoi*, University of Minnesota, *Globalization from the "Inside Out" - The Case of Ashanti Goldfields Company of Ghana*.
 10:40 Fenda A. Akiwumi, PhD*, University of South Florida, *Global incorporation, local conflict: Mining in Sierra Leone*.
 10:55 Roy Maconachie, Dr*, University of Manchester; Gavin Hilson, Dr, University of Reading, *Spaces for change?: Diamond mining, local development and the micro-politics of participation in post-conflict Sierra Leone*.
 11:10 Rohit Negi*, Ohio State University, *'Expectations of Modernity' Redux? Geographies of the Zambian Copper-boom*.

3223. **Health, Place and Space: Material Connections and Theoretical Engagements (Sponsored by Medical Geography Specialty Group, Disability Specialty Group)**

Room: *Capri 110, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Vandana Wadhwa, Boston University
 CHAIR(S): Vandana Wadhwa, Boston University
 Introducer: Vandana Wadhwa
 10:15 Sandy Anne Johnson, PhD*, University of Denver - Josef Korbel School of International Studies, *The challenge of health and development: from many to one*.
 10:34 Deborah Thomas*, University of Colorado Denver; Benjamin Honigman, University of Colorado Denver; Robert Roach, University of Colorado Denver, *Altitude as an Environmental Health Hazard*.
 10:53 Paul J Boyle, Prof*, University of St Andrews; Daniel Exeter, Dr, University of Auckland, *Area-level 'deprivation mobility' and premature mortality in Scotland, 1981-2001*.
 11:12 Liat Ben-Moshe*, Syracuse University, *The changing landscape of incarceration and its resistance*.
 11:31 Vandana Wadhwa*, Boston University, *"Just Marry Him" and "Just Drive There:" A Cross-Cultural Study of Disability*.

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3225. Political Geographies of the American South (Sponsored by Study of the American South SG, Political Geography Specialty Group)

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jonathan Leib, Old Dominion University; Thomas Chapman, Georgia Southern University

CHAIR(S): Steve Smith, Missouri Southern State University

10:10 Jonathan Leib*, Old Dominion University, *"I Believe"?: Religion, Popular Iconography, and the Politics of Identity in the American South.*

10:30 Nicholas Quinton*, Florida State University; Gerald Webster, University of Wyoming, *Place, Partisan Elections, and Direct Democracy: A Place-Based Analysis of Alabama's Electoral Geography.*

10:50 Catherine Veninga, PhD*, College of Charleston; Nicholas Velluzzi, PhD, College of Charleston, *Poverty and Punishment in the Nation's Most Polite City: The Evolution of White Supremacy in Charleston, SC.*

11:10 Thomas Chapman*, Georgia Southern University; Robert Yarbrough*, Georgia Southern University, *Community Mapping and GIS for Social and Economic Justice in Rural Southeast Georgia.*

Discussant(s): Jason Dittmer, University College London

3226. A Geographic Perspective on the Status of Whitebark Pine Communities in Western North America (Sponsored by Biogeography Specialty Group, Mountain Geography Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Evan Larson, University of Minnesota; Saskia L. Van de Gevel, Appalachian State University

CHAIR(S): Evan Larson, University of Minnesota

Introducer: Evan Larson

Panelists: Saskia L. Van de Gevel, Appalachian State University; Lori D. Daniels, University of British Columbia; Lynn Resler, Virginia Tech; Kurt F. Kipfmüller, University of Minnesota

3227. New Geographies of Two Koreas II: Culture, Economy, and Environment (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jongnam Choi, Western Illinois University; Su-Yeul Chung, Western Illinois University

CHAIR(S): Jongnam Choi, Western Illinois University

10:10 Eunjung Hwang*, Snu Master, *Project-based Organization, Embeddedness and Spatial Clustering of Korean TV Drama Industry.*

10:30 Jeong Hyop Lee*, UC Berkeley, *Searching for Horizontal Networks: the Case of Gumi Mobile Cluster.*

10:50 Jaius J Rossi, M.S.*, University of Kentucky, *The (Re) Imagining of Jeju Island: Multi-Scale Redefinition of Place and the Jeju Free International City.*

11:10 Ji-Man Park, Doctor*, Korean Land Spatialization Group, Incheon of Korea; Soo-Hong Park, Associate Professor, The Department of Geoinformatic Engineering, Inha Univ., Incheon of Korea, *Korean Land Spatialization Program for Korean National GIS.*

11:30 Jongnam Choi*, Western Illinois University, *The Climate of North Korea and Inter-annual Climate Change: 1978-2007.*

3228. New mobilities of the old: Transportation and related geographical perspectives (Sponsored by Transportation Geography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Tim Schwanen, Utrecht University; Antonio Paez

CHAIR(S): Antonio Paez

10:10 Nairne Cameron*, Algoma University, *The Grocery Shopping Travel of Seniors Living in a Neighbourhood with an Abandoned Supermarket.*

10:30 Bonnie C Hallman, Associate Professor*, Department of Environment and Geography, Riddell Faculty of Environment, Earth, and Resources, University of Manitoba, *Walking with the Animals: Exploring Zoos as Valuable Places in the Development of an Age-friendly Community.*

10:50 Susan Lucas, PhD*, Temple University; Pat Burnett, PhD, MIT, *Comparing the Mobilities of Older Adults: The Cases of Independent Living City Residents and Retirement Community Residents.*

11:10 Shaunna K Burbidge, PhD, Visiting Assistant Professor, Brigham Young University; Seo Youn Yoon, PhD Candidate*, University of California Santa Barbara, *The Golden Years of Walking: Are baby boomers creating an induced demand for active infrastructure in America?.*

Discussant(s): Tim Schwanen, Utrecht University

3229. Receiving Canadian Metropolises

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Josefina Ades, University of Québec (INRS-UCS)

10:10 Elizabeth Lord*, University of Toronto; Andrew Reeves, University of Toronto; Emily Watt*, University of Toronto, *New Psychogeographies: Contemporary methods for legitimizing urban spaces in Toronto and Montreal.*

10:30 Andrejs Skaburskis, Professor*, SURP, Queen's University Canada, *Density and the Substitutes for New Urbanism: A Toronto Case.*

10:50 Martin Gagnon*, INRS-UCS - University of Québec; Philippe Apparicio, INRS-UCS - University of Québec; Richard Shearmur, INRS-UCS - University of Québec, *The Chicago School Approach to largest Canadian Metropolises: Still Relevant or not?.*

11:10 Josefina Ades*, University of Québec (INRS-UCS); Philippe Apparicio, University of Québec (INRS-UCS); Anne-Marie Séguin, University of Québec (INRS-UCS), *The distribution of poverty in Toronto, Montreal and Vancouver: examining intrametropolitan spatial differentiation.*

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- 3230. Space and Identity || Speaking From and Across Categories I: Connecting through the Everyday (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group, Ethnic Geography Specialty Group)**

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Jen Giesecking, CUNY - Graduate Center
 CHAIR(S): Christian Anderson, The City University of New York
10:10 Lars Meier*, Institute for Employment Research,
Performing privileged identities in interaction with urban places.
10:30 Jacqueline A. Housel*, *Policing Racialized Identities: A Methodological Approach.*
10:50 Petra L. Doan*, Florida State University, *The Tyranny of Gendered Spaces - Reflections from Beyond the Gender Dichotomy.*
11:10 Jen Giesecking*, CUNY Graduate Center, *Combating an "Invisible" Framework of a Visible World: Lesbians' and Queer Women's Spaces and Economies in New York City (1983-2008).*

- 3231. Imagined Geographies & Social Struggle: Alternative Productions of Belonging**

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Erin Siodmak, CUNY Graduate Center
 CHAIR(S): Erin Siodmak, CUNY Graduate Center
10:10 Valerie Francisco*, City University of New York, The Graduate Center, *Wishing for Abroad: Filipino Women and the Geography of Diaspora.*
10:30 Justin Myers*, Graduate Center, City University of New York, *Landbase Subjectivities and Sustainable Lifeways: Subsistence Struggles for the Commons.*
10:50 Erin Siodmak*, CUNY Graduate Center, *Geographic Imaginaries and the Politics of Community in Miraflores, Nicaragua.*
11:10 Terri Bennett*, The Graduate Center of the City University of New York, *Contesting "Development": Constructing Collective Identities and Legitimizing Liberatory Politics in Northeast Thailand.*
11:30 Colin P. Ashley, PhD Candidate*, CUNY Graduate Center, *The Imagined Spaces of Transnational Queer Geographies.*

- 3232. Eurasian Geopolitics**

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Kenneth Johnson, SUNY-Oneonta
10:10 Cristin Burke*, University of Kansas, *Power in Transition: spatial variation of territorial cohesion in Kazakhstan.*
10:30 Elena Givental*, UC Davis, *History and Geography Matter: The Urals Industrial Region in Russia: Before and After.*
10:50 Stefanie Gray*, Hunter College, *Transnistria: A post-Soviet breakaway republic locked in frozen conflict.*
11:10 Gregory Scott Rueth*, Student, *Montenegro: The Key to the Balkan Puzzle?*
11:30 Kenneth Johnson, M.R.P., PhD*, SUNY-Oneonta, *The Candidacies of Georgia and Ukraine for Admission to the EU and NATO.*

- 3233. Urbanization and Environment II (Sponsored by Urban Geography Specialty Group, China Specialty Group, Remote Sensing Specialty Group)**

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Qihao Weng, Indiana State University; Peng Gong, University of California - Berkeley
 CHAIR(S): Cyril Wilson, Indiana State University
10:10 Cyril Oluyomi Wilson*, Indiana State University,
Predicting surface water quality and its relation with urban land cover changes in the Lake Calumet watershed, Greater Chicago, Illinois.
10:30 Jun Tu, PhD*, Kennesaw State University, *Spatially Varying Impact of Land Use Changes on Water Quality across an Urbanization Gradient Explored Using Geographically Weighted Regression.*
10:50 Qihao Weng*, Indiana State University, *Modeling urban heat islands and their relationship with impervious surface and vegetation abundance by using Terra's ASTER images.*
11:10 Peng Gong*, University of California - Berkeley, *Urbanization and rural development of China from a land use perspective.*

- 3234. Capitalism, Chinese Style? (II) (Sponsored by Economic Geography Specialty Group, China Specialty Group)**

Room: Skybox 206, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Jun Zhang, National University of Singapore; Kam Wing Chan, University of Washington
 CHAIR(S): Kam Wing Chan, University of Washington
 Panelists: Cindy Fan, UCLA; George Lin, University of Hong Kong; Daniel Buck; Carolyn Cartier, University of Southern California; Jun Zhang, National University of Singapore; Meric S. Gertler, University of Toronto; Laurence J.C. Ma, The University of Akron

- 3235. Parks Gone Wild: Exploring the Boundaries of Nature Protection, Session 2 (Sponsored by Recreation, Tourism, and Sport Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)**

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Yolonda Youngs, Arizona State University, School of Geographical Sciences; Terence Young, California State Polytechnic University-Pomona
 CHAIR(S): William Wyckoff, Montana State University
10:10 James Wells, MA*, Kansas State University, *Regional Tourist Development within Freedom's Frontier National Heritage Area.*
10:30 Yolonda Youngs*, Arizona State University, *Iconography and National Parks: Popular Media and Visual Representations at Grand Canyon National Park, Arizona.*
10:50 Dave D White, PhD*, Arizona State University, *Connecting Visitors to People and Place: Visitors' Perceptions of Authenticity at Canyon de Chelly National Monument, Arizona.*
11:10 Lary M. Dilsaver*, University of South Alabama, *Mining in California's Desert National Parks.*
 Discussant(s): William Wyckoff, Montana State University

TUESDAY, MARCH 24 • 10:10 AM - 11:50 AM • 3200**3236. Geographic Information Ethics and GIScience II (Sponsored by Geographic Information Science and Systems Specialty Group, Ethics, Justice, and Human Rights Specialty Group)***Room:* Skybox 208, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Dawn J. Wright, Oregon State University;
Francis Harvey, University of Minnesota, Minneapolis
CHAIR(S): Francis Harvey, University of Minnesota,
Minneapolis

Panelists: Francis Harvey, University of Minnesota, Minneapolis;
Dawn J. Wright, Oregon State University; Barbara
Poore, U.S. Geological Survey; Rina Ghose, University
of Wisconsin-Milwaukee; Kirk Goldsberry; Jeremy
Crampton, Georgia State University; Geney Terry,
GISCI

3237. Locating the Multiple Politics of Food II (Sponsored by Qualitative Research Specialty Group)*Room:* Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Hilda Kurtz, University of Georgia; Priscilla
McCutcheon, The University of Georgia

CHAIR(S): Priscilla McCutcheon, The University of Georgia

10:10 Kenneth Iain MacDonald*, University of Toronto, *The
Morality of Cheese and the Paradox of Defensive
Localism in a Transnational Cultural Economy.*

10:30 Omar Tesdell*, Graduate student, *The politics of food
security in the Middle East.*

10:50 Margath A. Walker*, University of Kentucky, *Cultural
Transformation Through Gastronomic Practice in
Tijuana, Mexico.*

11:10 Emily C Andersen*, The University of Georgia; Hilda
H Kurtz, The University of Georgia, *Talking About
Hunger: Mediating Between Purpose and Practice - A
case study of food provision in Athens, Georgia.*

Discussant(s): Hilda Kurtz, University of Georgia

3238. Diversity, Professional Development, and the Culture of Graduate Education in Geography (Sponsored by Enhancing Departments and Graduate Education project (EDGE), Geography Faculty Development Alliance (GFDA), AAG Commission on College Geography)*Room:* Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Michael N. Solem, Association of American
Geographers

CHAIR(S): Rebecca Bayless Theobald, University of Colorado at
Colorado Springs

Introducer: Ken Foote, University of Colorado at Colorado
Springs

10:20 Janice Monk*, University of Arizona; Kenneth Foote,
University of Colorado at Colorado Springs; Beth
Schlemper, University of Toledo; Rebecca Theobald,
University of Colorado at Colorado Springs, *Graduate
Education and Careers in Geography: Student
Aspirations and Faculty Expectations*

10:40 Beth Schlemper*, University of Toledo; Patricia Solis,
Association of American Geographers; Janice Monk,
University of Arizona; Rebecca Theobald, University
of Colorado at Colorado Springs, *Graduate Education
and Diversity in Geography: Perceptions, Strategies
and Challenges*

11:00 Michael N. Solem*, Association of American Geographers;
Beth Schlemper, University of Toledo; Nick Hopwood,
University of Oxford, *Experiencing graduate school:
A comparative analysis of students in geography
programs.*

Discussant(s): Jeffrey Olson, The Ohio State University; Joseph
Lewis, The Ohio State University

3239. Geographies of Cosmopolitanism*Room:* Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Amy Mills, University of South Carolina

CHAIR(S): Amy Mills, University of South Carolina

10:10 Amy Mills*, University of South Carolina, *Locating
Cosmopolitanism.*

10:30 Paolo Giaccaria*, University of Torino, *Mediterranean
cosmopolitan cities and the (re)making of
contemporary cosmopolitanism.*

10:50 Fred Chye Meng Ong*, Masters Student, Department
of Geography, National University of Singapore,
*Singapore-style cosmopolitanisms from below:
Dispositions and competencies towards male foreign
workers in public spaces.*

11:10 Nichola Wood*, University of Leeds, *Contestations,
Affiliations, and Emotional Attachments:
Understanding National Belonging in a Cosmopolitan
Era.*

11:30 Begum Basdas*, *Cosmopolitanism and indifference:
women's everyday narratives on sexuality and gender
in Beyoglu, Istanbul.*

3240. Retail Geography (Sponsored by Business Geography Specialty Group)*Room:* Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Tony Hernandez, Ryerson University

CHAIR(S): Tony Hernandez, Ryerson University

10:10 Stephen Swales*, Ryerson University, *The Changing
Geography of the Canadian Market.*

10:30 Joseph Aversa, BA in Geographic Analysis*, Ryerson
University; Christopher Daniel, Master of Spatial
Analysis, Ryerson University; Tony Hernandez, PhD,
Ryerson University, *Market Strategies of Canada's Top
Ten Retail Conglomerates.*

10:50 Shuguang Wang*, Ryerson University; Rebecca Hii,
Toronto YMCA; Jason Zhong, Ryerson University,
New Trends of Chinese Retailing in Toronto.

11:10 Tony Hernandez*, Ryerson University; Paul Du, Ryerson
University, *Retailing in the Greater Golden Horseshoe:
the Planning Context.*

11:30 Thomas O. Graff*, University of Arkansas; Hubert B.
Stroud, Arkansas State University, *Wal-Mart: Then and
Now.*

3241. Critical Geographies of Culture and Power in the Global South Part II*Room:* Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor (Paper Session)

ORGANIZER(S): Maureen Sioh, DePaul University

CHAIR(S): Joshua Daniel Kirshner, Cornell University

10:10 Joshua Daniel Kirshner*, Cornell University, *Migrants'
rights, practices of citizenship, and regional fissures in
Santa Cruz, Bolivia.*

10:30 Kate Maclean*, King's College London, UK, *Women,
Microfinance and Recognition of Pluri-economies in
Bolivia.*

10:50 Yvonne Underhill-Sem*, University of Auckland, *No
Woman is an Island: Culture and Power in the New
Regionalism of Pacific Feminist Movements.*

11:10 Karen Thomas-Brown, PhD*, University of Michigan-
Dearborn, *Middle Eastern Diversity: Dearborn Public
High Schools: A MultiCultural and MultiDynamic
Perspective.*

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3243. Climate Change Policy

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Marilyn A. Brown, Georgia Institute of Technology

10:10 Kamal Alsharif, Assistant Professor*, University of South Florida; Ehsan Feroz, Professor, University of Washington; Raymond Raab, Professor, University of Minnesota-Duluth.; Gerald Ulleberg, University of Minnesota-Duluth, *Environmental production efficiency and the national governments ratifying the Kyoto Protocol.*

10:30 Sonja Klinsky*, University of British Columbia, *Public Perceptions of Justice and Scale in Climate Policy.*

10:50 Carmel Létourneau, PhD Candidate*, University of Nevada, Las Vegas, *Stakeholder Adaptive Capacities as Key System Drivers for the Management of Complex Environmental Problems: Comparative Analysis of National Nuclear Waste Management Policies.*

11:10 Christopher Skulski*, Plymouth State University; Meghan L Rodier*, Plymouth State University, *Student-Centered Learning in Sustainability Renovations.*

11:30 Marilyn A. Brown*, Georgia Institute of Technology; Benjamin Sovacool, *Addressing Climate Change: Global vs. Local Sales of Jurisdiction?.*

3244. Military geography and the physical environment (Sponsored by Military Geography Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Joseph P. Hupy, UW - Eau Claire

CHAIR(S): Joseph P. Hupy, UW - Eau Claire

10:10 Eugene J. Palka, PhD*, US Military Academy, West Point, *Climate Change and Potential Regional Instability in the Arctic.*

10:30 Francis A. Galgano, PhD*, Villanova University, *An Environmental Security Analysis of Abrupt Climate Change Scenarios.*

10:50 Kent Hughes Butts, PhD*, US Army War College, *Whither Environmental Security.*

11:10 Elizabeth Lyon*, US Army Corps of Engineering (TEC); Robin Rodgers, U.S. Army Corps of Engineers (Topographic Engineering Center), *Defining the conceptual Space of Military Geography Applied to Stability and Counterinsurgency Operations.*

11:30 Maximilian Mayer*, Ruhr-University Bochum, *A climate-chaos actor-network ? Abrupt climate change and the co-production of 'nature' and 'politics'.*

3245. Geomorphology Specialty Group Graduate Student Paper Competition II (Sponsored by Geomorphology Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Dan Royall, UNC-Greensboro

CHAIR(S): Dan Royall, UNC-Greensboro

10:10 Benjamin Meade*, Kansas State University, Department of Geography; Mark Gossard, Kansas State University, Department of Geography; Richard Marston, Kansas State University, Department of Geography, *Spatial Extent, Timing, and Causes of Channel Incision, Black Vermillion Watershed, Northeastern Kansas.*

10:30 G. Burch Fisher*, University of California at Santa Barbara; Francis J. Magilligan, Dartmouth College; James M. Kaste, College of William and Mary; Keith H. Nislow, USDA - Forest Service, *Constraining the Timescales of Sediment Sequestration Associated with Large Woody Debris using Cosmogenic Beryllium-7.*

10:50 Jennifer Callanan, DEnvM*, William Paterson University; Gregory Pope, PhD, Montclair State University; Matthew Goring, PhD, Montclair State University; Walter Bien, PhD, Drexel University; Andrew McDougall, PhD, Montclair State University; Jennifer LaPoma, Montclair State University, *Long-Term Implications of Forest Fires on Soil Chemical Properties and Mineral Alterations in the New Jersey Pine Barrens.*

3246. Practices and Landscapes of Militarization IV: Militarization of Labor, Movement, and Trade (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jenna M. Loyd, City University of New York; Matthew Mitchelson, University of Georgia

CHAIR(S): Jenna M. Loyd, City University of New York

10:10 Paul SB Jackson*, University of Toronto, *Disinfection Technologies and the State: Processing People after the Fifth Cholera Pandemic.*

10:30 Dominic Corva*, Department of Geography, *"Armoring NAFTA": the Geo-politics of the Merida Initiative.*

10:50 Andrew David BurrIDGE*, University of Southern California, *Operation Streamline and the Denial of Freedom of Movement: Closing the Tucson Sector in the U.S.-Mexico Borderlands.*

11:10 Jill Harrison*, University of Wisconsin-Madison, *Contextualizing the violence of contemporary US immigration policy: Farm workers in Wisconsin's dairy sector.*

3247. Dendrochronology II: Dendrogeomorphology and Paleoenvironmental Reconstruction (Sponsored by Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State University;

Erika Wise, University of Arizona

CHAIR(S): Eileen Jones, Department of Geography, University of British Columbia

10:10 Bethany L Coulthard, MSc Candidate*, University of Victoria Tree Ring Laboratory; Dan J Smith, PhD, University of Victoria Tree Ring Laboratory, *Dendroglaciological investigations at Confederation Glacier, central British Columbia Coast Mountains, Canada.*

10:30 Sarah J. Hart*, University of Victoria; Dan J. Smith, University of Victoria; John J. Clague, Simon Fraser University, *Dendrogeomorphological insights into Late Holocene paraglacial activity in the vicinity of the Homathko Icefield, British Columbia Coast Mountains.*

10:50 Wayne Hamilton*, CICESE, *Damage associated with seismic whiplash found in tree samples cut high above ground level in the Cascadia area of the Pacific Northwest and in Yellowstone.*

11:10 Andrew E Scholl*, Wittenberg University; Alan H Taylor, The Pennsylvania State University, *Short and long term impacts of fire suppression on carbon storage in an old-growth Sierran mixed conifer forest.*

11:30 Neil Toth*, Indiana State University; Marianio Amoroso, University of British Columbia; M. Graham Clark, University of Guelph; Julia Maddison, University of British Columbia; Chris Nichols, Valparaiso University; Dan Smith, University of Victoria, *An Estimate of Avalanche Frequency in the Apex Mountain Bowl, British Columbia.*

TUESDAY, MARCH 24 • 10:10 AM - 11:50 AM • 3200

3248. Complementarity in Canadian and American Geography (Sponsored by Canadian Studies Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): David Robertson, State University of New York, Geneseo

CHAIR(S): David Robertson, State University of New York, Geneseo

Panelists: David Robertson, State University of New York, Geneseo; Thomas A. Rumney, Plattsburgh State University; Ian MacLachlan, University of Lethbridge; Murray Rice, University of North Texas; Dan Smith, University of Victoria

3249. Perceiving, Consuming, and Imagining U.S. Cities

Room: North Hall N110, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Bill Helmer

10:10 James E Thatcher, M.A.*, Masters, University of Chicago, *Las Vegas as Heterotopia: The Myth of the Postmodern City*.

10:30 Alessandro Busà, Arch.*, PhD. TU Berlin / Visiting Scholar GSAPP Columbia University NY / CMS Fellow, *The Production And Consumption of the City: "City Producers", "City Consumers" and the Representation of the City in Bloomberg's New York*.

10:50 Stephanie Meador*, University of Kansas, *Ouray, Colorado: Sense of the Modern Wild West*.

11:10 Bill Helmer, MA*, *Las Vegas and Commodity Fetishism: The Denial of the Desert and its Consequences*.

3250. Issues in International Tourism II (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Sanjay K Nepal, Texas A&M University
 CHAIR(S): Dave Lemberg, Western Michigan University

10:10 Peter A Johnson*, McGill University, *Modeling Destination Competition: Tourist Destinations as Adaptive Agents*.

10:30 Dave Lemberg*, Western Michigan University, *Capturing the Staycations: Integrating Recreational Planning and Economic Development*.

10:50 Caroline Scarles, Dr*, University of Surrey, *Photographing locals: An exploration of the effects of tourist photography on host communities*.

11:10 Morgan Dezendorf*, Institute of Environmental Studies: Texas Christian University, *Sustainable Tourism as a Working Model of New Conservation in the Monteverde Zone, Costa Rica*.

11:30 Dominique Vanneste*, Institute for Social and Economic Geography, K.U.Leuven (Catholic University of Leuven), Belgium; Foote E. Kenneth, Dept. of Geography, University of Colorado at Boulder, USA, *In Flanders Fields, 2014: War, Heritage, Preservation, Tourism, and the Remembrance of the First World War in Belgium*.

3251. Water, Energy, and Global Change (Sponsored by Water Resources Specialty Group, Energy and Environment Specialty Group)

Room: North Hall N112, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Christopher Scott, University of Arizona

CHAIR(S): Christopher Scott, University of Arizona

10:10 Mike Pasqualetti*, Arizona State University, *The Energy/Water Nexus in the Southwestern U.S.*

10:30 Alice L. Jones, PhD*, Eastern Kentucky University, *Water, Energy, and Local Change: What coal demand means to Appalachian watersheds*.

10:50 Joseph H Hoover*, University of Arizona; Christopher A Scott, University of Arizona, *Water-Energy Nexus in Southern and Central Arizona*.

11:10 Burrell E. Montz*, Binghamton University; Naomi Lazarus, Binghamton University; Yenai Kucuker, Binghamton University, *Drill Baby Drill: The Rush for Natural Gas from the Marcellus Shale Formation in New York*.

11:30 Suzanne A Pierce, PhD*, Sandia National Laboratories; Geoff Klise, MS, Sandia National Laboratories; Elizabeth H Richards, PhD, Sandia National Laboratories; Mike M Hightower, PE, Sandia National Laboratories; Conrad Mulligan, ARCADIS U.S., *Comparing interpretive frameworks for energy water interdependencies*.

3252. The 'New Urban Politics' Two Decades On, VI: Neoliberalizing Urban Politics I: Strategies and Networks

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Martin R. Jones, University of Wales,

Aberystwyth; Gordon MacLeod, University of Durham

CHAIR(S): Martin R. Jones, University of Wales, Aberystwyth

10:10 Sinéad Kelly, Dr.*, NUI Maynooth, Ireland, *Assimilating Cities within Neoliberalism: Urban Strategy and Resistance in Dublin*.

10:30 Daniel You-Ren Yang*, Graduate School for Social Transformation Studies, Shih-Hsin University, Taiwan, *In the name of knowledge, we built the city by destroying the village: The development and governmentality of Guangzhou university town project in China*.

10:50 Rachel Brahinsky*, University of California - Berkeley, *Capital Paradox: the meaning of race in San Francisco's pro-growth politics*.

11:10 Jean-Paul D. Addie*, York University, Toronto, *Moving Competitive Cities: The Politics of Metropolitan Transportation in Chicago and Toronto*.

11:30 IPSITA CHATTERJEE*, Penn State University, *From Red Tape to Red Carpet? Violent narratives of neoliberalizing Ahmedabad*.

3253. The Geography of Creativity: Regional Competitiveness in Canada

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Karen M King, University of Toronto; Kevin Stolarick, University of Toronto

CHAIR(S): Karen M King, University of Toronto

10:10 Karen M King, PhD*, University of Toronto; Kevin Stolarick*, University of Toronto, *The Occupation-Industry Mix in Canada: Evidence from the 2006 Census of Canada*.

10:30 Gregory M. Spencer, Post Doctoral Fellow*, University of Toronto; Tara Vinodrai, University of Waterloo, *The Logic and Implications of Increasing Spatial Concentration of Economic Activity Across Canadian City-Regions*.

10:50 Heather M Hall*, Queen's University, *Innovation and Creativity on the Periphery: Challenges and Opportunities in Northern Ontario*.

11:10 Amy Cervenak*, University of Toronto, *Service Class Work in Ontario: an introduction to the other other economy*.

Discussant(s): Kevin Stolarick, University of Toronto

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3254. Arctic Hydroclimatology II: Characterization of Spatial and Temporal Variability and Recent Change (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Michael Rawlins, Jet Propulsion Laboratory; Hengchun Ye, California State University - Los Angeles

CHAIR(S): Michael Rawlins, Jet Propulsion Laboratory

10:10 David H. Bromwich*, Ohio State University; Sheng-hung Wang, Byrd Polar Research Center, Ohio State University, *Arctic Hydroclimatology Behavior from Global Reanalyses*.

10:30 Hengchun Ye*, California State University - Los Angeles; Eric J. Fetzer, Jet Propulsion Laboratory, California Institute of Technology, *Atmospheric Moisture Content Associated with Surface Air Temperatures during Northern Eurasian Summer*.

10:50 Michael Rawlins*, Jet Propulsion Laboratory; Hengchun Ye, California State University - Los Angeles, *Emerging Trends in Seasonal Hydrology Across Northern Eurasia*.

11:10 Cort J. Willmott*, University of Delaware; Michael Rawlins, Jet Propulsion Laboratory California Institute of Technology, *Evaluating space and time varying estimates of Arctic Precipitation made from in situ data*.

3255. David Hooson Memorial Session (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Craig ZumBrunnen, University of Washington
CHAIR(S): Craig ZumBrunnen, University of Washington
Introducer: Craig ZumBrunnen

10:15 Robert Argenbriht*, University of North Carolina Wilmington, *Moscow: Russian Heartland Again?*.

10:35 Gregory Ioffe*, Radford University, *The poorly-illuminated periphery of Europe: the geography of Russia's shrinking population*.

10:55 Joshua Peter Newell, Research Assistant Professor*, University of Southern California, *Rescaling Urban Sustainability: Corporate power, consumption, and governance along the Russian timber trail*.

11:15 Craig ZumBrunnen*, University of Washington, *David J. M. Hooson - Compassionate Friend, Mentor and Scholar*.

3256. Reanimating the Monstrous II

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Deborah Dixon; Susan Ruddick, University of Toronto

CHAIR(S): Deborah Dixon

10:10 Paul T. Kingsbury*, Simon Fraser University, *Geography's nightingale: the aesthetics of Vancouver's multicultural monsters*.

10:30 Lindsay Stephens*, University of Toronto, *Laughing, gasping, and moving: Bodies performing boundaries in the contemporary circus*.

10:50 Steve Pile*, The Open University, *Affect, the space between, and monstrous minds*.

11:10 James W Craine, CSU Northridge; Stuart C. Aitken*, San Diego State University, *Networks of Blood*.

11:30 Lesley-Anne Gallacher*, The Open University, *Monstrous Stories and Freakish Writing*.

3257. Between Realignment and Flexibility: The Shifting Geographies of Military Base Closures

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Juan David De Lara, University of California, Berkeley; Javier Arbona, UC Berkeley

CHAIR(S): Juan David De Lara, University of California, Berkeley

10:10 Javier Arbona*, UC Berkeley, *California's Post-Military Urban Parks: Beyond Disinterested Leisure*.

10:30 Juan David De Lara, PhD. Candidate*, University of California, Berkeley, *From Guns To Goods: The Spatial Realignment of Military Bases And The Global Goods Movement Industry*.

10:50 David Havlick*, University of Colorado-Colorado Springs, *Base Closure, Memory, and Erasure*.

3258. The Indigenous Sense of Place: Orientations for Health and Sustainable Living (Sponsored by Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Renee Pualani Louis, Hawaii Board on Geographic Names

CHAIR(S): Renee Pualani Louis, Hawaii Board on Geographic Names

10:10 Gregory Cajete, University of New Mexico

3259. Neogeographers meet Paleogeographers (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: North Hall N120, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Renee Sieber, McGill University

Panelists: Renee Sieber, McGill University; Martin Dodge; Andrew Turner, FortiusOne; Sean Gorman, FortiusOne; André Skupin, San Diego State University

TUESDAY, MARCH 24 • 11:55 AM - 12:55 PM • 3300

3304. Spatial Analysis and Modeling Specialty Group Business Meeting (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor

3311. Ethnic Geography Specialty Group Business Meeting (Sponsored by Ethnic Geography Specialty Group)

Room: Royale Pavilion 6, Riviera Hotel, 1st Floor

3325. Study of the American South Specialty Group Business Meeting (Sponsored by Study of the American South SG)

Room: Capri 113, Riviera Hotel, 1st Floor

3326. Mountain Geography Specialty Group Business Meeting (Sponsored by Mountain Geography Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor

3328. Transportation Geography Specialty Group Business Meeting (Sponsored by Transportation Geography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor

3333. Biogeography in the Field: A Panel Discussion for Grad Students and Early Career Biogeographers (Sponsored by Biogeography Specialty Group)

Room: Skybox 205, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Jacquelyn Gill, University of Wisconsin-Madison

CHAIR(S): Jacquelyn Gill, University of Wisconsin-Madison

Panelists: Sally P. Horn, University of Tennessee; David R. Butler, Texas State University - San Marcos; Thomas Minckley, University of Wyoming; Carol L. Campbell, New Mexico State University; Kim C. Diver, Smithsonian Tropical Research Institute

3339. Cyberinfrastructure Specialty Group Business Meeting (Sponsored by Cyberinfrastructure Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor

3340. Business Specialty Group Business Meeting (Sponsored by Business Geography Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor

3348. Canadian Studies Specialty Group Business Meeting (Sponsored by Canadian Studies Specialty Group)

Room: North Hall N109, Las Vegas Convention Center

3350. Recreation, Tourism, and Sport Specialty Group Business Meeting (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: North Hall N111, Las Vegas Convention Center

3351. Energy and Environment Specialty Group Business Meeting (Sponsored by Energy and Environment Specialty Group)

Room: North Hall N112, Las Vegas Convention Center

3355. Russian, Central Eurasian, and East European Specialty Group Business Meeting (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: North Hall N116, Las Vegas Convention Center

3359. Cartography Specialty Group Business Meeting (Sponsored by Cartography Specialty Group)

Room: North Hall N120, Las Vegas Convention Center

TUESDAY, MARCH 24 • 1:00 PM - 2:40 PM • 3400**3401. Urban Social Geography**

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ambra Gatto Bergamasco

1:00 Hannah Jones*, Goldsmiths, University of London, *Kaleidoscopic Hackney: Negotiating Multiple Understandings of Place in the Governance of a London Borough.*

1:20 Takashi Oda*, University of California, Berkeley / Tohoku University, *Post-neoliberal Urban Society and Sustainable Governance: A Case Study of Cultural and Ethnic Heritage Preservation in San Francisco, California.*

1:40 Nicola Livingstone*, Student, *The Paradox of Charity Retailing under British Capitalism.*

2:00 Ambra Gatto Bergamasco*, Nirsra- National University of Ireland Maynooth, *Tertium Quid: Encountering Governance, Cultural Policies and the Public on European Urban Ground.*

2:20 Wouter Van Gent*, University of Amsterdam, *Visions of social mix in the regeneration disadvantaged neighbourhoods in Amsterdam, Barcelona, Birmingham and Stockholm.*

3402. Transportation Geography 1

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard D. Knowles, University of Salford

1:00 Fujio Mizuoka*, Hitotsubashi University, *Scale Variance in the Public Transport Development In Nigeria.*

1:20 Orrin Konheim*, George Mason University, *Is Lynchburg, Virginia the most largest city of its size to not be located near an interstate highway.*

1:40 Antònia Casellas*, Universitat Autònoma de Barcelona; Carme Bellet, Universitat de Lleida; Pilar Alonso, Universitat de Lleida, *Urban restructuring in middle-size cities in Spain: expectations and realities of a high-speed train station.*

2:00 Jerzy J. Jemiolo*, Ball State University, *Evolution of air transport in the "new Europe".*

2:20 Richard D. Knowles*, University of Salford; Jon Shaw*, University of Plymouth, *Has Britain's system of privatized passenger railways failed or succeeded?.*

3403. Remote Sensing

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

Melinda Schinstock*, University of Nebraska; Sunil Narumalani, University of Nebraska; Sharmistha Swain, University of Nebraska, *Determining the Effectiveness of Biological Control Agents on Purple Loosestrife Using Hyperspectral Imagery.*

Yi-Hwa Wu*, Northwest Missouri State University; Ming-Chih Hung, Northwest Missouri State University; Tzu-How Chu, National Taiwan University, *High Spatial Resolution Aerial Photos to Assess Subpixel Classification Accuracy of Formosat-2 Image.*

Timothy Warner*, West Virginia University, *Image texture and scale.*

Ryan R. Jensen*, Brigham Young University; Mark W. Jackson, Brigham Young University; Vijay Lulla, Indiana State University, *Single Line Correction Method to Remove Aircraft Motion Errors in AIS+ Hyperspectral Imagery.*

Aaron Burkholder*, West Virginia University; Tim Warner, PhD, West Virginia University; James McGraw, PhD, West Virginia University; Rick Landenberger, PhD, West Virginia University, *Spectral and Phenological Properties of *Ailanthus altissima*.*

Sage Sheldon*, Geography Department, University of Maryland; Ralph O Dubayah, Geography Department, University of Maryland; David B Clark, Department of Biology, University of Missouri-St Louis and La Selva Biological Station, Costa Rica; Michelle A Hofton, Geography Department, University of Maryland; J. Bryan Blair, Laser Remote Sensing Branch, NASA Goddard Space Flight Center, *Tropical Forest Leaf Area Index Estimation Using Medium-Footprint Lidar.*

David C. Viertel, PhD*, Eastern Illinois University, *Using DMSP Image Fusion Techniques to Identify Light Sources Along a Rural Transportation Corridor.*

Pinki Mondal*, University of Florida, *Identifying Forest Cover Change in and around Pench Tiger Reserve, India.*

Michael Lindgren, Student*, Clark University; Dominik Kulakowski, Assistant Professor, Clark University; J. Ronald Eastman, Professor, Clark University, *Mountain Pine Beetle Range Expansion and Climate Teleconnections.*

Amanda Whitehurst*, University of Maryland; Ralph Dubayah, Geography Department, University of Maryland, College Park, MD; Michelle Hofton, Geography Department, University of Maryland, College Park, MD; J. Bryan Blair, Laser Remote Sensing Branch, NASA Goddard Spaceflight Center; Sage Sheldon, Geography Department, University of Maryland College Park, MD; Anu Swatantran, Geography Department, University of Maryland College Park, MD, *Estimation of Biomass Dynamics from DESDynI: A Test Case Using Lidar Remote Sensing.*

Ming-chih Hung*, Northwest Missouri State University; Yi-Hwa Wu, Northwest Missouri State University; Jamie Patton, Northwest Missouri State University, *Adaption of Commercial Digital Cameras to Capture Close range Multispectral Images.*

Nate Currit*, Texas State University - San Marcos, *A Multi-scale Assessment of Seasonal Vegetation Patterns in the Rio Conchos Basin.*

Susan Gidley, Masters Student*, IUPUI, *Using satellite imagery to map macrophyte beds in freshwater lakes in northern Indiana.*

Anu Swatantran*, Department of Geography, University of Maryland - College Park; Ralph Dubayah, Department of Geography, University of Maryland- College Park, MD; Michelle Hofton, Department of Geography, University of Maryland - College Park, MD; J. Bryan Blair, Laser Remote Sensing Branch, NASA Goddard Space Flight Center, Greenbelt, MD, *Mapping Habitat for the California Spotted Owl Using Lidar and Hyperspectral Data Fusion.*

Jeffrey D. Colby, Associate Professor*, Appalachian State University; Christopher A. Badurek, Assistant Professor, Appalachian State University; Lloyd A. Edwards, Appalachian State University, *Application of NASA EOS Data to Research and Education in Mountain-focused Geographic Information Science.*

TUESDAY, MARCH 24 • 1:00 PM - 2:40 PM • 3400

- Samuel D Blanchard*, Clark University; John Rogan, Assistant professor, Graduate School of Geography, Clark University; Deborah Woodcock, Research professor, Marsh Institute, Clark University, *Geomorphic Change Detection using Advanced Spaceborne Thermal Emission and Reflection Radiometer and Shuttle Radar Topography Mission Digital Elevation Models in Central Massachusetts, USA.*
- Johnson Ray*, Central Michigan University; Zheng Tao, PhD., Central Michigan University; Xiaolan Wu, PhD., Central Michigan University, *Object Oriented Classification Differentiating Plantation from Natural Growth Pine Forests.*
- Timothy P Morrissey*, UNC Geography, *LiDAR Processing Techniques for Hydrologic Modeling.*
- Lucy A. Kammer*, Syracuse University, Syracuse, NY; Timothy A. Warner, West Virginia University, Morgantown, WV, *Landscape characteristics associated with landslides: A Case Study using LiDAR data of Horseshoe Run, West Virginia.*
- Evan A. Lyons*, UCLA Geography; Yongwei Sheng, UCLA Geography; Laurence C. Smith, UCLA Geography, *Identification of Appropriate Image Acquisition Period for Global Lake Dynamics.*
- Shanshan Cai*, Department of Geography, the Ohio State University; Desheng Liu, Department of Geography, the Ohio State University; Darla K. Munroe, Department of Geography, the Ohio State University, *Regreening of southeast Ohio: depicting the trajectories of land cover change since 1970s using satellite images.*
- Ryo Michishita*, University of Utah; Bing Xu, University of Utah; Peng Gong, University of California, Berkeley, *Multi-resolution Comparisons of Time-series Fractional Land Cover Maps.*
- Do-Hyung Kim*, Department of Geography, University of Maryland-College Park; Caspar Chung, Department of Geography, University of Maryland-College Park; Chong-Hwa Park, Graduate School of Environmental Study, Seoul National University, *Land Cover Classification of North Korea Utilizing MODIS Q1 Data.*
- Joonghyeok Heo*, Department of Geography, Texas A&M University; Jaehyung Yu, Department of Physics and Geosciences, Texas A&M University-Kingsville; Hongxing Liu, Department of Geography, Texas A&M University, *Blue Ice Area and Snow Zonation of the Lambert Glacier - Amery Ice Shelf, Antarctica Derived from Landsat ETM+ Data.*
- Lisa Calhoun*, UCLA; Thomas W Gillespie, PhD., UCLA, *Species-Richness of Vegetation in Tropical Dry Forests.*
- Jeremy Mirmelstein*, University of Maryland, *Modeling Urban Growth in Suburban Washington, D.C. According to SLEUTH.*
- Josh M Gray*, UNC-CH Geography; Su Zhang, UNC-CH Geography; Conghe Song, PhD, UNC-CH Geography, *Retrieving LAI from remotely sensed images: spectral indices vs. spatial texture.*
- Yuanjie Li, University of Maryland, College Park; Mary LeeAnn King*, University of Maryland, College Park; Ralph Dubayah, University of Maryland; Guoqing Sun, NASA; Yuanjie Li*, *Lidar Waveform Validation Using a Radiative Transfer Model.*
- Fei Yuan*, Minnesota State University, Mankato; Bryce W. Hoppie, Minnesota State University, Mankato; Donald A. Friend, Minnesota State University, Mankato; Margarette M. Elliot, Minnesota State University, Mankato, *River Quality Mapping Using Hyperspectral Sensing and Field Methods, Blue Earth River, Minnesota, USA.*
- Sachidananda Mishra, University of New Orleans; Deepak R Mishra*, University of New Orleans, *Effect of the opening of Mississippi river diversions on the spatio-temporal variability of water quality in the Lake Pontchartrain.*
- 3404. Online Spaces of Politics (Sponsored by Political Geography Specialty Group, Communication Geography Specialty Group)**
- Room:* Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S): Paul C. Adams, University of Texas at Austin
- CHAIR(S): Paul C. Adams, University of Texas at Austin
- 1:00** Katrinka C. Somdahl-Sands, PhD.*, Macalester College; Abby Tofte, Macalester College, *Talking across continents: media bias, the internet, and political communication.*
- 1:20** Virginie Mamadouh, Dr*, University of Amsterdam, *The fuzz about Fitna: Geographies of the transnational dynamics surrounding the making of an anti-islamic film in the Netherlands.*
- 1:40** Paul C. Adams, PhD.*, University of Texas at Austin, *Worldwide Perceptions of the 2008 US Presidential Campaign.*
- 2:00** Michael W. Longan*, Valparaiso University, *Directions for Geographical Research in Online Social Networking.*
- 2:20** Darren Purcell*, University of Oklahoma, *Stateless on Facebook: Constructing Representations of Territorial Aspirations.*
- 3405. Modest Witnesses: Fieldwork, Indigenous Knowledges and Truth-Making (Sponsored by Historical Geography Specialty Group, Indigenous Peoples Specialty Group)**
- Room:* Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S): Charlotte Chambers; Innes M. Keighren, University of Edinburgh
- CHAIR(S): Charlotte Chambers
- 1:00** Jorn Seemann*, Louisiana State University, *Searching for the Ephemeral in Nineteenth-Century Northeast Brazil: Travel Accounts, Historical Maps and Other Ways of Truth-Making.*
- 1:20** Innes M. Keighren*, University of Edinburgh, *Accidental geographers: nineteenth-century British travellers in South America.*
- 1:40** Ruth Craggs*, St Marys University College, *'The long and dusty road': Travel, contact and knowledge on the Comex expeditions 1965-1973.*
- 2:00** Ben Wisner*, Independent Scholar, *Blending Local and Outside Knowledge of Natural Hazards: What Are the Risks of Trying a Hybrid Approach to Risk?.*

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- 3406. Study Abroad: Critical Perspectives on Preparing Students for Future Work in a Global Society (Sponsored by Population Specialty Group, Geography Education Specialty Group)**

Room: *Royale Pavilion 1, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Suzanne Walther, University of Oregon
 CHAIR(S): Suzanne Walther, University of Oregon
 Discussant(s): Kelly Lemmons, Texas A&M University
 Panelists: Matthew John Taylor, University of Denver; Suzanne Walther, University of Oregon; James J. Biles, Indiana University; Pratyusha Basu, University of South Florida, Tampa; Clare Terni, University of Virginia

- 3407. Geographical analysis of urban crime (Sponsored by Spatial Analysis and Modeling Specialty Group, Urban Geography Specialty Group, Social and Cultural Geography)**

Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Haifeng Zhang, University of Louisville, KY;
 Danlin Yu, Montclair State University
 CHAIR(S): Haifeng Zhang, University of Louisville, KY
1:00 Desheng Liu*, The Ohio State University; Shiguo Jiang, The Ohio State University, *Modeling the Spatial Distributions of Motor Vehicle Theft in Urban Landscape*.
1:20 Tony H. Grubestic*, Indiana University, *Sex Offender Clusters: An Exploratory Spatial Analysis*.
1:40 Laura Chisholm*, Temple University, *Mapping Geographically Weighted Regression: Spatial Nonstationarity in Logistic Models of Drug-Crime Recidivating Juvenile Delinquency*.

- 3408. Immigration and Transnationalism**

Room: *Royale Pavilion 3, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Faranak Miraftab, University of Illinois
1:00 William Anderson*, San Diego State University, *Korean Transnational Migrants and their Responses to the Downturn of the Guatemalan Textile Industry*.
1:20 Aaron Morehouse, PhD Student, Prescott College*, Catalina Island Conservancy, *Exile and Solastalgia: Liquid Edges of Place and Pedagogy on Catalina Island*.
1:40 Meghan Andrew*, University of California, Riverside, *Urbanization and Its Discontents: The Place of Young Urban Adults and the City in Multigenerational Migratory Patterns*.
2:00 Carolina S. Sarmiento, Department of Planning, Policy and Design, University of California at Irvine; Victoria A. Beard*, Department of Planning, Policy and Design, University of California at Irvine, *Ties that Bind: Community-Based Planning, Collective Action and Transnational Social Networks in Southern California and Oaxaca*.
2:20 Faranak Miraftab, Associate Professor*, University of Illinois, *"We wanted workers, we got people:" Rural Midwest and corporate labor recruitment among African and Latino migrants*.

- 3409. A River Running West: Don Worster on John Wesley Powell (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group, History of Geography Specialty Group)**

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Soren Larsen, University of Missouri
 Introducer: Soren Larsen

- 3410. China: Themes IN Urban and Economic Geography 1**

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Dongquan Li, School of Public Administration, Remin University of China
1:00 Gang Xu*, Department of Geography & Planning, Grand Valley State University, *An exploratory study of the internationalization of Chinese enterprises*.
1:20 Edlyn-Kay Leipohaimaukealoha Walsh, PhD Student*, Texas A&M University, *The Outsourcing of Apparel and Textiles: Manufacturing Site Selection*.
1:40 Boyang Gao*, Chinese Academy of Sciences; Weidong Liu, Chinese Academy of Sciences, *Impacts of Land Policy on the Geographies of Manufacturing: the case of Beijing, China*.
2:00 Chengri Ding, University of Maryland; Yu Xiao*, Texas A&M University, *Land Demand for Urban Growth in China: Elasticity Estimation and Policy Implications*.
2:20 Dongquan Li*, School of Public Administration, Remin University of China, *The Causes of the "Concentric Zone" Spatial Structure in Beijing and Its Future Prospects*.

- 3411. Young People, racism and place I (Sponsored by Qualitative Research Specialty Group, Ethnic Geography Specialty Group)**

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Peter E Hopkins, Newcastle University, UK;
 Anoop Nayak
 CHAIR(S): Anoop Nayak
 Introducer: Anoop Nayak
1:10 Tina G Patel, PhD; BA; PGCert*, University of Salford; David Tyrer, PhD; BA; PGCert, Liverpool John Moores University, *Race, Crime and Criminality in the UK - Crime Science?*.
1:30 Nick Schuermans*, Katholieke Universiteit Leuven, *Geography textbooks and the reproduction of a racist and ethnocentric world view among young people in Flanders*.
1:50 Jennifer Kopf*, Friedrich Schiller Universitaet, *Racial identities of children in Jena, Germany*.
 Discussant(s): Meghan Cope, University of Vermont

- 3412. Young Scholar Perspectives on Human Dimensions of Global Change Research : Panel discussion: Future Directions and challenges of Human Dimensions of Global Change Research (Sponsored by Graduate Student Affinity Group, Human Dimensions of Global Change Specialty Group)**

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Cerian Gibbes, University of Florida; Tom Evans, Indiana University
 CHAIR(S): Jennifer Carrera, University of Illinois
 Discussant(s): Thomas J. Baerwald, National Science Foundation; Billie L. Turner, Arizona State University; William E. Easterling, Pennsylvania State University; Thomas J. Wilbanks, Oak Ridge National Laboratory; Diana M. Liverman, University of Arizona/Oxford University; Brenton M. Yarnal, Pennsylvania State University

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3413. Spatial Analysis Applications

Room: Royale Pavilion 8, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Liem Tran, University of Tennessee at Knoxville

1:00 Xiaolan Wu*, Central Michigan University, *Multiple Spatial Criteria Decision Making in Reserve Network Design*.

1:20 Ziyang Jiang*, *Road network classification based on Voronoi Diagrams*.

1:40 Zhaoya Gong*, Department of Geography and Earth Sciences, University of North Carolina at Charlotte; David Weiguo Liu, Department of Geography & Planning, The University of Toledo, *Urban Growth Modeling with ART-P-MAP Neural Network: Method, Implementation and Validation*.

2:00 Liem Tran*, University of Tennessee at Knoxville; Robert V O'Neill, TN&A, Inc.; Elizabeth R Smith, 3U.S. Environmental Protection Agency, Office of Research and Development, National Exposure Research Laboratory, *A Watershed-Based Method for Environmental Vulnerability Assessment with a Case Study of the Mid-Atlantic Region*.

3416. Environment and Biogeography

Room: Capri 103, Riviera Hotel, 1st Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Julie Commerford, Kansas State University

1:00 Michael Commons*, Department of Geography and Planning, California State University, Chico, *Environmental Driving Forces of Centaurea solstitialis: A Spatial Prediction Model*.

1:05 Rachel Shmookler*, Clark University; John Rogan, Clark University, *Modeling vulnerability of Massachusetts mixed deciduous forests to the invasive Asian longhorn beetle Anoplophora glabripennis*.

1:10 Brian D Wardlow, PhD*, National Drought Mitigation Center, University of Nebraska-Lincoln; Tsegaye Tadesse, PhD., National Drought Mitigation Center, University of Nebraska-Lincoln, *A Hybrid-Based Remote Sensing Approach for Predicting Vegetation Conditions - Results for the Central U.S.*

1:15 Kin M. Ma*, Grand Valley State University, *Use of remote sensing images and Geo-spatial analysis to identify "fire blight" disease in apple orchards*.

1:20 Michael Shouse*, University of Kentucky; Songlin Fei, University of Kentucky, *Mapping Invasive Plants Using Feature Extraction*.

1:25 Alison Park, Hons. BSc., MA Candidate*, The University of Western Ontario, *The Iwokrama Challenge: Balancing Conservation and Development in Guyana*.

1:30 Meghan C O'Brien*, Central Washington University; Karl Lillquist, PhD, Central Washington University, *Spatial and temporal patterns of tree invasion, Upper Naneum Watershed, Washington: A comparative study between hydric, mesic, and xeric meadow systems*.

1:35 Melanie Stine*, Virginia Tech; Lynn Resler, Virginia Tech, *A Biogeomorphic Study on Tree Island Pattern in a Mountain Wetland*.

1:40 Kim Diver*, Smithsonian Tropical Research Institute, *Patterns and predictors of insular flora: Coiba World Heritage Site, Republic of Panama*.

1:45 Julie Commerford*, Kansas State University; Kendra K McLauchlan, Kansas State University, *Calibrating vegetation cover and pollen assemblages in the Flint Hills of Kansas, USA*.

1:50 Philip E Van Beynen*, University of South Florida; Jason S Polk, USF; Deborah Willard, *Holocene changing vegetation as recorded by cave sediments*.

3417. Geography, HIV/AIDS, and Drug Abuse I

Room: Capri 104, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): AAG/NIDA; Douglas Richardson, Association of American Geographers; Yonette Thomas, NIDA; Mei-Po Kwan, The Ohio State University, Sandro Galea, University of Michigan

CHAIR(S): Yonette Thomas, NIDA

1:00 Barbara Tempalski*, Spencer Lieb, Charles M. Clelland, Hannah Cooper, Samuel R. Friedman, PhD, *Geographic patterns of change in IDU-related HIV prevalence rates across 96 metropolitan statistical areas (1992-2002)*.

1:20 Melanie Rusch*, Kimberly C. Brouwer, Alicia Vera, Manuel Gallardo, Remedios Lozada, Steffanie A. Strathdee, *Using descriptive mapping to identify sexual risk locations: comparison of syphilis distribution by location of residence, drug purchase and drug use*.

1:40 Kimberly Brouwer*, Melanie Rusch, Alicia Vera, Manuel Gallardo, Remedios Lozada, Steffanie A. Strathdee, *Mapping a better understanding of HIV transmission among injection drug users in Tijuana, Mexico*.

Discussant(s): Rashad Shabazz, University of Vermont, *"Whirlpool of risk": Transference, carceral circularity and the rise of the Black AIDS epidemic*; Sandro Galea, University of Michigan

3418. 'Who' are the gentrifiers in contemporary urban and rural spaces 1 (Sponsored by Urban Geography Specialty Group)

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Darren Paul Smith, University of Brighton; Joanna Sage, University of Brighton

CHAIR(S): Darren Paul Smith, University of Brighton

Introducer: Darren Paul Smith

1:20 Damaris Rose*, Institut national de la recherche scientifique, *Revisiting "the production of gentrifiers": a personalized historiography*.

1:40 Martin Phillips*, University of Leicester, *Circulatory Sociologies of Rural and Urban gentrification*.

2:00 Noah Quastel*, University of British Columbia, *Political Ecologies of Gentrification*.

2:20 Joanna Sage*, University of Brighton, *The Complexities of Studentification and Connections to Gentrification*.

3419. Environmental Degradation, Resource Use, and Socio Economic Implications in the Niger Delta (Sponsored by Africa Specialty Group, Cultural and Political Ecology Specialty Group, Coastal and Marine Specialty Group)

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jimmy Adegoke, University of Missouri-Kansas City; Sylvester Osagie, The Pennsylvania State University

CHAIR(S): Jimmy Adegoke, University of Missouri-Kansas City

1:00 Sylvester O. Osagie*, The Pennsylvania State University, *The Ethics of Environmental Management in the Niger Delta*.

1:20 Seidu Mohammed*, National Centre for Remote Sensing, Jos; Bitrus Dang, National Centre for Remote Sensing, Jos; John Ogbale, National Centre for Remote Sensing, Jos; Abayomi Alaga, National Centre for Remote Sensing, Jos; Joel Ogbokwe, Department of Surveying and Geoinformatics, Nnamdi Azikiwe University, Awka ? Nigeria; Ojonigu Ati, Geography Department, Ahmadu Bello University, Zaria; Efron Nduke Gajere, National Centre for Remote Sensing, Jos, *An Assessment of The Spatial Spread and Impact of Gully Erosion in South-eastern Nigeria Using Satellite Remote Sensing*.

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- 1:40** Godstime K. James*, Godstime James, National Space Research & Development Agency (NASRDA), Abuja Nigeria; Jimmy Adegoke, Department of Geosciences, University of Missouri-Kansas City, Kansas City, MO USA; Peter Nwilo, Department of Surveying & Geoinformatics, University of Lagos; Joseph Akinyede, National Space Research & Development Agency (NASRDA), Abuja Nigeria; Sylvester Osagie, Division of Business & Engineering, The Pennsylvania State University Altoona, PA USA, *Environmental and Socio-Economic Accounting in the Mangrove Ecological Zone of the Niger Delta*.
- 3423. Creating and Symbolizing Community and Individual Identities**
Room: Capri 110, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Samuel Abrams, Harvard University
1:00 Alexandre Moura Pizotti, student about to complete a Master's Degree*, Universidade do Estado do Rio de Janeiro (UERJ), *Mangueira - The symbolic character of a community in Rio de Janeiro (Brazil)*.
1:20 Tyler D Roberts*, University of Colorado at Boulder, *Statistical Negotiations: Politics, Citizenship, and the Social Life of Numbers*.
1:40 Victoria Jupp*, Durham University, *Power and Participation: the participation of children and young people in small-scale community-based organisations*.
2:00 Tim Brock*, Florida Public Archaeology Network (FPAN), *Creating a Rhetorical Place: The Brazilian Demarcation Movement*.
2:20 Samuel J Abrams*, Harvard University, *Where Everyone Knows Your Name: A Socio-Rational Theory of Social Behavior in Advanced Industrial Democracies*.
- 3425. Exploring the Geographies of Food I**
Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): John R. Grimes, Eastern Kentucky University; Garrett Graddy, University of Kentucky
 CHAIR(S): John R. Grimes, Eastern Kentucky University
1:00 Gina K. Thornburg, M.A.*, Kansas State University, *Effects of Farm-to-School Programs on Farming Households and Communities: A Comparative Case Study of Two California and Two Oklahoma Sites*.
1:20 Taro Futamura*, Komazawa University, *Exploring Potentials of Emerging Alternative Food Systems in Tokyo, Japan*.
1:40 Aleck Ostry, MA, MSc, PhD, University of Victoria; Kathryn Morrison, BSc (cand)*, University of Victoria, *The Development of a Research Resource to Estimate the Geography of "Local" Food Security and Local Food Resources in British Columbia*.
2:00 Thor Ritz*, Hunter College, *Facing the Food Crisis in a 'First-World' City: the Political Economy of an Alternative Agriculture Project in East New York, Brooklyn*.
2:20 Jane Battersby, Dr*, University of Cape Town; Maya Marshak, University of Cape Town, *Urban Agriculture/Community Greening in Cape Town, South Africa*.
- 3426. Geographies of Finance and Development (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group)**
Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Bongman Seo, Hitotsubashi University; Jamie Doucette, Department of Geography, University of British Columbia
 CHAIR(S): Bongman Seo, Hitotsubashi University
1:00 Jayson J. Funke*, Clark University, *The Financialization of Development: From "Third World" to "Emerging Markets"*.
1:20 Jamie Doucette*, Department of Geography, University of British Columbia, *Late financialization and state intervention: understanding financial market restructuring in South Korea*.
1:40 Bongman Seo*, Hitotsubashi University, *Korea's New Development Venture: Late Financialization*.
2:00 Li Na Ng, -Masters Student*, National University of Singapore, *Oil trading in Singapore: Nexus of production and financial geographies*.
 Discussant(s): Karen Lai, University of British Columbia
- 3427. The changing face of contemporary geography in India (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)**
Room: Capri 115, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Chandana Mitra, University of Georgia; Vatsal Bhatt, Brookhaven National Laboratory
 CHAIR(S): Kavita K. Pandit, State University of New York
1:00 Annapurna Shaw, Indian Institute of Management
1:15 Vandana Wadhwa, Boston University
1:30 Satish Kumar
1:45 Baleshwar Thakur, University of Delhi
 Panelists: Pradyumna P. Karan, University of Kentucky; Ashok K. Dutt, University of Akron
- 3428. Fleming Lecture in Transportation Geography (Sponsored by Transportation Geography Specialty Group)**
Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Richard L. Morrill, University of Washington
 CHAIR(S): Richard L. Morrill, University of Washington
 Introducer: Richard L. Morrill
1:10 Shih-Lung Shaw*, University of Tennessee, *Individual-based Tracking Data: Potentials and Challenges to Transportation Geography*.
 Introducer: Joe Weber
 Discussant(s): Donald Janelle, University of California, Santa Barbara
- 3429. University Life: Politics and Culture**
Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Tamar Y. Rothenberg, CUNY - Bronx Community College
1:00 Mehdi Lazar*, Paris 1 Sorbonne University - International School of Boston, *The university in Europe as a spatial diffusion process*.
1:20 Bryant Hammond*, Western Washington University; Patrick H Buckley, PhD., Western Washington University; Linda Istanbuli, Instructor, Western Washington University; Mohammed S Dajani Daoudi, PhD., Al-Quds University, *A Future Quality of Life Comparison between American and Middle Eastern University Students*.
1:40 Richard Simpson*, Stanford University, *The Dialectic of Autonomy and Universality in the American Campus: Notes Towards a Critical Pedagogy of Silicon Valley*.

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2:00 Lawrence E Estaville*, Texas State University-San Marcos,
Faculty Evaluation Systems in U.S. Geography
Departments: An Exploration.

3430. Space and Identity || Speaking From and Across Categories II: In/Through/of Bodies (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group, Ethnic Geography Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jen Giesekeing, CUNY - Graduate Center

CHAIR(S): Elizabeth Johnson, University of Minnesota - Minneapolis

1:00 Catherine Alexander*, Durham University, *Deviant femininities: the everyday making and unmaking of 'criminal' youth.*

1:20 Christina Marie Stoltz*, Fulbright Scholar, Kyrgyz Republic, *"Fate for Sale": Mark(et)ing Domestic Violence in Central Asia.*

1:40 Tiffany K. Muller Myrdahl*, University of Lethbridge, *Reflections on normativity: Biopolitics and the spatial intersections of sexuality and whiteness.*

2:00 Caroline Faria*, University of Washington, *"Women Wa-ye!" : Sudanese Feminism and the Politics of 'Unity'.*

3431. The Mojave Desert: Biogeographical Research (Sponsored by Biogeography Specialty Group)

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jill S. Heaton, University of Nevada, Reno

CHAIR(S): Jill S. Heaton, University of Nevada, Reno

Introducer: Jill S. Heaton

1:05 Jay Arnone, PhD, Desert Research Institute; Georg Wohlfahrt, PhD, Universitat Innsbruck; Lynn Fenstermaker, PhD*, Desert Research Institute; Richard Jasoni, PhD, Desert Research Institute; Jessica Larsen, Desert Research Institute, *Is the Mojave Desert a Carbon Sink?*

1:24 Robert Webb*, U.S. Geological Survey; Todd C. Esque, U.S. Geological Survey; Lesley A Defalco, U.S. Geological Survey; Phil A Medica, U.S. Geological Survey, *Long-term ecological studies in the Mojave Desert ecosystem: the legacy of the Janice C. Beatley plots.*

1:43 Kenneth E Nussear, Ph. D.*, USGS; Todd C Esque, Ph. D., USGS; Richard D Inman, M.S., USGS; Jill S Heaton, Ph. D., UNR; Robert H Webb, Ph. D., USGS, *Ecological Interpretations of Model Parameters Contributing to a Habitat Suitability Model for Desert Tortoises.*

2:02 Todd C. Esque, PhD*, U.S. Geological Survey; Kenneth E. Nussear, PhD, U.S. Geological Survey; Jill S. Heaton, PhD, University of Nevada, Reno; Robert H. Webb, PhD, U.S. Geological Survey, *Habitat Conservation Status of the Mojave Population of the Desert Tortoise.*

2:21 Bridgette E. Hagerty*, University of Nevada, Reno; Kenneth E. Nussear, PhD., U.S. Geological Survey; Todd C. Esque, PhD., U. S. Geological Survey; C. Richard Tracy, PhD., University of Nevada, Reno, *More than geographic distance: a landscape genetic approach to identifying connectivity among subpopulations of the Mojave desert tortoise.*

3432. GIS and Geomorphology (I) (Sponsored by Geographic Information Science and Systems Specialty Group, Geomorphology Specialty Group)

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Yingkui Li, University of Missouri-Columbia; Jacob Napieralski

CHAIR(S): Yingkui Li, University of Missouri-Columbia

1:00 Richard Charrier*, University of Missouri - Columbia, *Effect of Digital Elevation Model Resolution on Floodplain Mapping.*

1:20 Nicholas Nalepa*, University of Michigan-Dearborn; Jacob Napieralski, University of Michigan-Dearborn; Timothy Elkins, University of Michigan-Dearborn, *Defining optimum DEM resolution for small watersheds using GIS and Statistical Process Control Charts (SPCC).*

1:40 Erin N Eastwood*, The University of Texas at Austin; Ryan C Ewing, The University of Texas at Austin; Gary Kocurek, The University of Texas at Austin, *Incorporating time-series airborne LiDAR in a cellular automaton model to explore aeolian dune-dynamics at White Sands Dune Field, New Mexico.*

2:00 Patrick Kahn, M.A.*, California State University, Northridge, *Modeling Karst Development in an Alpine Location.*

2:20 Yingkui Li*, University of Missouri-Columbia, *Examining scale and resolution effects on local relief derived using digital elevation models across different landscapes.*

3433. Comparative Urbanization Trends in the USA and China (Sponsored by Urban Geography Specialty Group, China Specialty Group, Remote Sensing Specialty Group)

Room: Skybox 205, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Qihao Weng, Indiana State University; Dale A. Quattrochi, NASA MSFC

CHAIR(S): Dale A. Quattrochi, NASA MSFC

Panelists: Dale A. Quattrochi, NASA MSFC; Michail Fragkias, Arizona State University; George Xian, ARTS; Qihao Weng, Indiana State University; Yehua Dennis Wei, University of Utah

3434. The 2008 Tibetan uprising: Reflections one year later (Sponsored by China Specialty Group)

Room: Skybox 206, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Emily Yeh, University of Colorado

CHAIR(S): Emily Yeh, University of Colorado

Panelists: Susan M. Walcott, University of North Carolina-Greensboro; Tina Harris, CUNY Graduate Center; Emily Yeh, University of Colorado; Jack Hayes, Norwich University; Johnathan Walker, James Madison University; Yu Zhou, Vassar College; Christopher Limburg; David Shankman, University of Alabama

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3435. Entrepreneurship and geography 1 (Sponsored by Economic Geography Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper 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: Henry Wai-chung Yeung

1:08 Heike Mayer*, Virginia Tech, *Entrepreneurial learning and regional development: A genealogy approach to understanding the evolution of regional economies.*

1:26 Sharmistha Bagchi-Sen*, SUNY-Buffalo, *Interdependencies in New York's High-Tech Sector: A Case of Bio-Pharmaceuticals.*

1:44 Michael J. Taylor*, University of Birmingham; Holly Harling, University of Birmingham, *Enterprise in Chains: Small Firms, Contracts and Value Chains.*

2:02 Michael Kitson*, University of Cambridge, *The limitations of high technology entrepreneurship as a driver of regional growth.*

3436. Geographic Contributions to Agrobiodiversity Conservation I (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Latin America Specialty Group)

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Kimberlee Chambers, Willamette University; Laura R Lewis, University of Maryland, Baltimore County

CHAIR(S): Kimberlee Chambers, Willamette University

1:00 Kimberlee J Chambers, PhD*, Willamette University, *A Call for the Re-Emergence of Agricultural Geography.*

1:20 Karl S. Zimmerer*, Pennsylvania State University, *Retrospective and Prospectus on Agrobiodiversity Research and Outreach: Trends and Trajectories in Geography and Related Fields.*

1:40 Laura R Lewis, PhD*, University of Maryland, Baltimore County; Stephen B Brush, PhD., University of California, Davis; Mark N Grote, PhD., University of California, Davis; E Toby Kiers, PhD., Vrije Universiteit, *Predicting factors that impact productivity within and outside geographic centers of crop origin.*

3437. Livelihoods, Institutions, and Climate Change I: Adaptation in Non-Agricultural Landscapes (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan

CHAIR(S): Jesse Ribot, University of Illinois

1:00 Lily Ray*, Clark University and University of Alaska, Fairbanks; F. Stuart Chapin, III, PhD., Institute of Arctic Biology, University of Alaska, Fairbanks, *The Influence of Federal Land Management on Athabaskan Adaptation to Wildfire in Rural Alaska.*

1:15 Barry Smit, University of Guelph; Laura Fleming*, University of Guelph; Mark Andrachuk, University of Guelph; Robin Sydneysmith, University of British Columbia, *Adaptations to Changing Climate in Inuit Communities: The Roles of Livelihoods and Institutions.*

1:30 Ralph Matthews, PhD, University of British Columbia; Robin Sydneysmith, PhD*, University of British Columbia, *Climate Change and Institutional Capacity in an Arctic Gateway Community: A CAVIAR case study of the City of Whitehorse.*

1:45 Thomas Smucker*, Ohio University, *Local Institutions, Local Knowledge, and Geographies of Pastoralist Adaptation to Climate Change in Southern Kenya.*

2:00 Elizabeth Edna Wangui, PhD*, Ohio University, *Gender, Livelihoods and Climate Change: The Role of Informal Institutions in Reducing Vulnerability.*

3438. Rethinking the Degree of PhD in Geography 1: New Approaches and Practices to Professional Development in Doctoral Programs (Sponsored by Graduate Student Affinity Group, Business Geography Specialty Group, Geography Education Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Ken Foote, University of Colorado

CHAIR(S): Ken Foote, University of Colorado

Panelists: J. Nicholas Entrikin, University of California; Susan M. Roberts, University of Kentucky; Timothy Lee Hawthorne, The Ohio State University; Harald Bauder, Ryerson University; Jamie Peck, University of British Columbia; David A. Fyfe

3439. Free and Open Source solutions for Geographers I (Sponsored by Cyberinfrastructure Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Alexander Mandel, University of California, Davis; Stacey Ellis, University of California, Davis

CHAIR(S): Stacey Ellis, University of California, Davis

1:00 Stacey Ellis*, University of California, Davis; Alexander Mandel*, University of California, Davis, *A Wiki for every Geography.*

1:20 Michael S Treichler*, University of California, Davis, *Case Study in Sales Territory Definition using Open Source Software.*

1:40 Andrew Turner*, FortiusOne, *OpenStreetMap As A Successful Model for User-Generated Geospatial Content.*

2:00 Joshua S. Campbell*, University of Kansas, *The Disruptive Potential of GIS 2.0.*

3440. Business, Economic, and Worker Dynamics: Modeling and Analysis

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey M. Young, TerraGo Technologies, Inc

1:00 Denis Smith, PhD*, University of Glasgow; Moira C Fischbacher, PhD, University of Glasgow, *Managing risk within a fitness landscape: issues in resilience, control and failure.*

1:20 Martina Michalek*, Western Washington University, *Conceptualizing the Effectiveness of Retailer Stewardship Strategies on Surrounding Communities.*

1:40 Lawrence Joseph*, Arizona State University, *Product Smart: A Spatially Responsive Optimal Merchandise Assortment Model.*

2:00 Wei Tu*, Georgia Southern University, *A State Transformed by Information: Texas Regional Economy in the 1990s.*

2:20 Jeffrey M. Young*, LizardTech, *Defining Geo-Collaboration Requirements for Non-Geospatial Skilled Mobile Workers.*

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3441. Critical Geographies of Environmental Justice I

Room: Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor (Paper Session)

ORGANIZER(S): Wendy Elizabeth Jepson, Texas A&M University; Chelsea Lynnette Hanchett, Penn State University

CHAIR(S): Wendy Elizabeth Jepson, Texas A&M University

1:00 Ryan Holifield*, University of Wisconsin ? Milwaukee, *The Fizzling of Environmental Justice?: A View from Lake Michigan Areas of Concern.*

1:20 Sandra Zupan, PhD. candidate*, University of Wisconsin-Milwaukee, *What Kind of Partnership? Assessing Brownfields Redevelopment Projects in Milwaukee's Low-Income and Minority Neighborhoods.*

1:40 Chelsea Lynnette Hanchett*, Penn State University, *From Arsenic Activism to Environmental Injustice.*

2:00 Jonathan K. London*, UC Davis, *"Regulatory Science Meets Street Science: The Case of Pesticide Monitoring and Regulation in California".*

3443. New Geographies of Hunger and Food Insecurity I (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jamey Essex, University of Windsor; William G. Moseley, Macalester College

CHAIR(S): Jamey Essex, University of Windsor

1:00 Molly E. Brown, PhD*, NASA; Scott Paquette, PhD, University of Maryland, *Short-term Emergency vs Long-term Development: Decision making for Improved Food Security.*

1:20 Joshua S.S. Muldavin*, Sarah Lawrence College, *Agrarian Change and Food Security in the Hinterlands: Comparing the Impacts of Jhum and Sloping Land Use Policies in the Eastern Himalaya of India and China.*

1:40 Lucy Jarosz*, University of Washington, *Defining World Hunger: Scale and Neoliberal Ideology in International Food Security Policy Discourse.*

2:00 William G. Moseley*, Macalester College; Judith Carney, University of California at Los Angeles; Lawrence Becker, Oregon State University, *Examining the Impacts of Neoliberal Policy Reform on Food Production and Household Livelihood Security in West Africa.*

Discussant(s): Ed Carr, University of South Carolina

3444. Landscape Perspectives on Military Places and Spaces (Sponsored by Military Geography Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): William Doe, Colorado State University

CHAIR(S): William Doe, Colorado State University

1:00 William Doe, PhD. *, Colorado State University, *Brrrr.. The U.S. Army's Mountain and Cold Weather Places: Geographical and Historical Contexts.*

1:20 Mary E Cablk, PhD. *, Desert Research Institute, *Experiencing nature in militarized landscapes: If a bomb drops in the desert do we still call it wilderness?.*

1:40 Robert J. Cox*, Penn State University, *Using Geographic Information Systems (GIS) to Effectively Communicate Spatial Concepts and Data Related to Military Landscapes.*

2:00 Russell Harmon, PhD. *, US Army Research Office; Eugene J. Palka, PhD., U.S. Military Academy; William W. Doe III, PhD., Colorado State University, *Characterizing Cold Regions for Army Materiel and Human Performance Testing.*

3445. Population Geographies I

Room: North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Odeibler Santo Guidugli, University of State of Sao Paulo

1:00 Joel A. Alvarez, MA*, New York City Department of City Planning; A. Peter Lobo, PhD., New York City Department of City Planning; Joseph J. Salvo, PhD., New York City Department of City Planning, *Unveiling a Neglected Mosaic: Ethnic Diversity within New York City's Black Community.*

1:20 Jennifer Christiansen*, University of Utah; Thomas Kontuly, University of Utah; Thomas Maloney, University of Utah; Harvey Miller, University of Utah, *Spatial and Aspatial Residential Segregation Measures: Salt Lake County 1999 to 2008.*

1:40 Benjamin Shultz*, University of Tennessee; Charlynn Burd, University of Tennessee, *The Southern Gentry: Re-Examining Patterns of Growth and Change in the New South.*

2:00 Bernhard Koeppen*, Universitaet Koblenz-Landau, *Entering a new era of urban revival in major German agglomerations? Assaying a controversial debate on city growth and suburban decline by empirical findings on current patterns in small scale residential migration.*

2:20 Odeibler Santo Guidugli, Professor of UNESP*, University of State of Sao Paulo; Vilma Monfardim Figueiredo, Professor of UNIFRA, *Demography, Economic Development and Quality of Life in the Small Municipalities and Cities in the State of Rio Grande do Sul - Brasil 1980-2000.*

3446. Practices and Landscapes of Militarization V: Race, Value and Landscapes of State Violence (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jenna M. Loyd, City University of New York; Matthew Mitchelson, University of Georgia

CHAIR(S): Matthew Mitchelson, University of Georgia

1:00 Nicholas Brown*, University of Illinois at Urbana-Champaign, *Fishing for Uranium: Nature, Race and the Military at Crab Orchard National Wildlife Refuge.*

1:20 Jennifer Casolo*, University of California at Berkeley, *Unravelling Violence: Dispossession and Disaster in Post-Conflict Guatemala.*

1:40 Robert B. Ross*, Syracuse University, *Waiting for War (and other Strategies to Confront Gentrification).*

2:00 Jenna M. Loyd*, The Graduate Center, City University of New York, *"Whitey on the Moon": Spectacle, Absence and Landscapes of State Violence.*

TUESDAY, MARCH 24 • 1:00 PM - 2:40 PM • 3400**3447. Dendrochronology III: Dendrochronological Applications (Sponsored by Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)**

Room: North Hall N108, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): James H. Speer, Indiana State University;
 Christopher M. Gentry, Austin Peay State University

CHAIR(S): Erika Wise, University of Arizona

1:00 John "Nez" Nesbitt*, University of British Columbia - Tree Ring Lab; Marty Arford, Saginaw Valley State University; Jessica Carilli, University of California, San Diego; Beth Chappell, Portland State University; Grace Carter, Denver University; Gerardo Gonçalves, Évora University; Christina Hupy, University of Wisconsin Eau Claire; Cari Leland, West Virginia University; Boris Luszczynski, Université du Québec à Chicoutimi (UQAC); Shannon McDonald, Portland State University; Vesta Mather, University of Guelph; Meghan O'Brien, Central Washington University; John Sakulich, University of Tennessee; Jim Speer, Indiana State University; Mark Spond, University of Tennessee; Tom Stewart, State of Pennsylvania; Keziah Stott, University of St Andrews, Scotland; Brenda Thomas, Florida Gulf Coast University; Robin Van De Veer, Indiana State University; Josh Wixom, West Virginia University, *From Pith to Bark: An Introduction to Collaborative Learning at the North American Dendroecological Fieldweek*.

1:20 Stockton Maxwell*, West Virginia University; Joshua A. Wixom, West Virginia University; Amy E Hessel, West Virginia University, *The Trials and Tribulations of Crossdating Eastern Redcedar Tree Rings*.

1:40 Charlotte L Pearson, Dr*, Cornell Tree Ring Laboratory; Sturt W Manning, Prof / Director, Cornell Tree Ring Laboratory, *The Dendrochemical Potential for Dating Volcanic Eruptions*.

2:00 Aondover Tarhule*, University of Oklahoma, *Intra-Season Radial Growth Increments of Tree Species with Dendrochronological Potential in Semi-Arid West Africa*.

2:20 Linah N Ababneh*, Northern Michigan University, *Statistical characteristics of upper forest boundary tree-ring chronology from the White Mountains of California*.

3448. Borderlands and Border Security (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, Canadian Studies Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Anneliese Vance, University at Buffalo
 CHAIR(S): Anneliese Vance, University at Buffalo

1:00 Anneliese Vance, PhD*, Western Washington University, *Borderlands and border security: How do firms ensure cross-border access?*

1:20 Heather N. Nicol, PhD*, Trent University; Konrad Victor, PhD, Carleton University, *Borders, Continents and Hemispheres: The Canada-U.S. Border and the Age*.

1:40 Daniel E. Turbeville*, Eastern Washington University; Susan Bradbury*, Iowa State University, *Why Free Trade is not Free: The Hidden Expense of Border Security*.

2:00 Jaewon Lim*, The University of Arizona; Vera Pavlakovich-Kochi*, University of Arizona, *Cooperation in Trans-border Economic Region*.

3449. Reflections on The Geography of Religion: Faith, Place and Space Session #1 (Sponsored by Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N110, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Michael Philip Ferber, The King's University

College; Mark Bjelland, Gustavus Adolphus College
 CHAIR(S): Michael Philip Ferber, The King's University College

Introducer: Michael Philip Ferber

Introducer: Roger W. Stump

1:20 James D. Proctor*, Lewis and Clark College, *Geographies and Spiritualities of Ecotopia: Seeking and Dwelling in Oregon Communities*.

1:40 Edward H. Davis*, Emory & Henry College, *Halal Meats and Muslim Territoriality in the U.S.*

2:00 David J Rutherford, PhD*, University of Mississippi, *Religious Applications to the Non-Religious*.

2:20 Michael Philip Ferber*, The King's University College; Trevor Harris, West Virginia University, *'Emerging' Solutions to the Problem of Scale in Geography of Religion*.

3450. Issues in International Tourism III (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Sanjay K Nepal, Texas A&M University

CHAIR(S): Klaus J. Meyer-Arendt, University of West Florida

1:00 Wesley S. Roehl*, Temple University, *Forces of Change Facing Tourism and Hospitality Organizations*.

1:20 Klaus J. Meyer-Arendt*, University of West Florida, *The Costa Maya: Awaiting the Post-Hurricane Dean Touristic Boom*.

1:40 Francesco Ottavio ADAMO*, Università Del Piemonte O., *Tourism Development and City Competitiveness, in Italy*.

2:00 David Tantow, DT*, National University of Singapore, *Malay heritage in Singapore - the Kampong Glam ethnic district*.

2:20 Kara E Dempsey*, University of Wisconsin-Madison, *"Re-making" place: Santiago de Compostela's employment of the European City of Culture celebration in 2000*.

3451. Nuclear Waste Management: An International Comparison (Sponsored by Energy and Environment Specialty Group)

Room: North Hall N112, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Barry Solomon, Michigan Technological

University

CHAIR(S): Barry Solomon, Michigan Technological University
 Introducer: Barry Solomon

Panelists: Barry Solomon, Michigan Technological University; David Hassenzahl, University of Nevada, Las Vegas; Urban Strandberg, University of Gothenburg; Mats Andrén, University of Gothenburg; William Y. Osei, Algoma University College; Carmel Letourneau, University of Nevada, Las Vegas

3452. The 'New Urban Politics' Two Decades On, VII: Neoliberalizing Urban Politics II: Redefining the Spaces of Marginality

Room: North Hall N113, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Martin R. Jones, University of Wales,

Aberystwyth; Gordon MacLeod, University of Durham

CHAIR(S): Martin R. Jones, University of Wales, Aberystwyth

1:00 Katherine B. Hankins*, Georgia State University, *Neglected neighborhoods and the multiscalar failure of the state*.

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1:20 James A. Hanlon*, Bowling Green State University, *Public Housing in the United States: From the Margins to the New Urban Frontier*.

1:40 Gordon MacLeod*, University of Durham, *Neoliberalizing the 'Inner City'*.

2:00 James C. Fraser*, Vanderbilt University; James Defilippis, Rutgers University; Karl Jones, Vanderbilt University, *The transformation of public housing and the redevelopment of low-income citizenship*.

Discussant(s): Allan Cochrane, Open University

3453. The Geography of Creativity: International Perspectives on Regional Competitiveness and Innovation

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Karen M King, University of Toronto; Kevin Stolarick, University of Toronto

CHAIR(S): Karen M King, University of Toronto

1:00 Irene Tinagli*, Carnegie Mellon University, *Creativity and Place: do creative people perceive place differently from less creative ones?*

1:20 Isabel Salavisa, Associate Professor, Dinâmia - Research Centre on Socioeconomic Change; Ricardo Miguéis, Researcher, Dinâmia - Research Centre on Socioeconomic Change; Rodrigo Cintra, Professor, Escola Superior de Propaganda e Marketing - São Paulo; Ana Roldão, Researcher*, Dinâmia - Research Centre on Socioeconomic Change, *The role of creative Industries for cities' competitiveness: the case of Lisbon, Barcelona and S. Paulo*.

1:40 Dieter Franz Kogler*, University of Toronto, *Knowledge Creation and Spillovers in a Spatial/Sectoral Perspective - The Geographies of Canadian Inventors (1983-2007)*.

2:00 Christian Richter Oestergaard*, Aalborg University; Bent Dalum, Aalborg University, *Where did the employees come from? The role of universities and spatial labor mobility during the boom of the Danish IT sector*.

2:20 Pierre Desrochers*, Department of Geography - University of Toronto Mississauga, *Jane Jacobs' The Economy of Cities at 40: A Stocktaking and an Evaluation*.

3454. Hydroclimatology I (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Cryosphere Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Timothy W Hawkins, Shippensburg University; Steven Quiring, Texas A&M University

CHAIR(S): Timothy W Hawkins, Shippensburg University

1:00 Stefan Becker*, University of Wisconsin Oshkosh; Heike Hartmann, Institut für Geographie, Justus Liebig Universität Giessen, Germany; Tong Jiang, Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences, Nanjing, People's Republic of China, *Quasi Periodicities of Extreme Precipitation Events in the Yangtze River Basin, China*.

1:20 Heike Hartmann*, Justus Liebig University Giessen; Stefan Becker, University of Wisconsin Oshkosh; Lorenz King, Justus Liebig University Giessen; Tong Jiang, Chinese Academy of Sciences, Nanjing, *Neural Network-Based Prediction of Water Levels at the Yangtze River's Upper Reaches*.

1:40 John D Lenters*, University of Nebraska-Lincoln; Kathleen D Holman, University of Wisconsin-Madison; Jun Wang, University of Nebraska-Lincoln, *Long-term trends in the energy balance and hydroclimate of a north temperate lake*.

2:00 Yongkang Xue*, UCLA; Fernando De Sales, UCLA; Ratko Basic, NCEP; Carlos Roberto Mechoso, UCLA; Akio Arakawa, UCLA; Steve Prince, University of Maryland, *Global spatial and Temporal Characteristics of hydroclimate/Vegetation Biophysical Process Interactions*.

2:20 Timothy W Hawkins*, Shippensburg University, *Relationships between Hydroclimate and Land Use-Land Cover in the United States*.

3455. Post-socialist cities: theorizing and researching multiple urban transitions (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Urban Geography Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Megan Dixon, University of Oregon; Ludek Sykora, Charles University in Prague

CHAIR(S): Ludek Sykora, Charles University in Prague

1:00 Stefan Buzar, University of Birmingham; Ioseb Salukvadze, Tbilisi State University; Michael Gentile*, University of Gävle, *Post-socialist household strategies frozen in space: vertical building extensions in the urban landscapes of Skopje and Tbilisi*.

1:20 Diana Ter-Ghazaryan, Doctoral Candidate*, Florida International University, *"For the Benefit of Yerevan's Residents": Post-Soviet Transformations and National Identity in Armenia's Capital*.

1:40 Ludek Sykora*, Charles University in Prague, *Multiple Transitions and Uneven Urban Development in Post-communist Cities*.

2:00 Kadri Leetmaa*, *Residential suburbanisation in the Tallinn MA in the late-Soviet, transition and post-transition period: Is Tallinn "a post-communist city" or "a city"?*

Discussant(s): Craig Young, Manchester Metropolitan University

3456. Reanimating the Monstrous III

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Deborah Dixon; Susan Ruddick, University of Toronto

CHAIR(S): Deborah Dixon

1:00 Jamie Lorimer*, Kings College London, *Heck cattle and the monstrous biogeographies of (re)wilding*.

1:20 John Paul Jones III*, University of Arizona; Ian Shaw, University of Arizona; Paul Robbins, University of Arizona, *Aedes aegypti and the Mosquito Killers*.

1:40 Julian J. Holloway*, Manchester Metropolitan University, *Mongeist or Poltergoose?: The Monstrous Geographies of Gef the Talking Mongoose*.

2:00 Gail Davies*, University College London, *Mapping Mutant Mice: the monstrous biology of postgenomic life*.

3457. Sustainable Communities

Room: North Hall N118, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Alison Blay-Palmer, Wilfrid Laurier University

Introducer: Alison Blay-Palmer

Panelists: Terry Marsden, Cardiff University School of CIT; C. Patrick Heidkamp, Southern Connecticut State University; Alison Blay-Palmer, Wilfrid Laurier University; Julian Agyeman

TUESDAY, MARCH 24 • 1:00 PM - 2:40 PM • 3400**3458. Work, the Labor Force, and Social Space**

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Paul Holeva

1:00 Margareta Amy Lelea, Doctoral Candidate*, UC Davis, *Borderscapes: negotiating livelihood strategies in a post-socialist and neoliberal terrain.*

1:20 David Butler*, University of Southern Mississippi; Perry L. Carter*, Texas Tech University, *Working the Phones: Laboring in the Service Sector as a Call Center Agent.*

1:40 Rodolphe H Lamarche, University of Ottawa (retired); Maurice Beaudin, Université de Moncton (Shippagan campus); Zachary Klaas, 90042866*, Connecticut State University (Central Campus - CCSU), *Employment Growth in Atlantic Canada in 2001-2006: Positive and Negative Region-industry Interactions.*

2:00 Niels Beerepoot*, University of Amsterdam, *Contemporary globalisation and the reworking of labour market segmentation in the Philippines.*

2:20 Paul D. Holeva*, Miami University, *Growing Social Capital: Investigating the Relationship between Farmers' Markets and the Development of Community Support Networks in Ann Arbor, MI.*

3459. Volunteered Geographic Information (VGI) and GIScience Research (I) (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Daniel Z. Sui, Texas A&M; Keith Clarke, University of California - Santa Barbara

CHAIR(S): Daniel Z. Sui, Texas A&M

Introducer: Daniel Z. Sui

1:02 Keith Clarke*, University of California - Santa Barbara, *Achieving the Digital Earth with Volunteered Geographic Information.*

1:22 Stéphane Roche*, Laval University; Boris Merikskay, Université Laval; Anisur Rahman Gazi, Université Laval, *Neogeography: Towards a global geospatial reference framework.*

1:42 Claire Ellul*, University College London, *Beyond the Internet - Distributing Voluntary Geographic Information using Mobile Technology.*

2:02 Mordechai Haklay*, University College London, *Volunteered Geographical Information - a Critical Review.*

Discussant(s): Barbara Poore, United States Geological Survey; Jeremy Crampton, Georgia State University

TUESDAY, MARCH 24 • 3:10 PM - 4:50 PM • 3500**3501. Urban Economies: Housing and Infrastructure**

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Sell, Northern Arizona University

3:10 Phillip O'Neill*, University of Western Sydney, *A Study of How the Idea of Urban Infrastructure Has Changed.*

3:30 Sukari Ivester, PhD*, University of California, Berkeley, *"Anotia Kine": Gentrification of a Different Kind in the Hawaiian Islands.*

3:50 Esteve Dot-Jutglà*, Universitat Autònoma de Barcelona (UAB)-Spain; Antònia Casellas, Universitat Autònoma de Barcelona (UAB)-Spain; Montserrat Pallares-Barbera, Universitat Autònoma de Barcelona (UAB)-Spain, *The role of public policy in a gentrification process.*

4:10 Petronella Muraya*, Howard University, *Housing in less developed countries: local building materials.*

4:30 James Sell*, Northern Arizona University; Ruihong Huang, Northern Arizona University, *Affordable Housing in Flagstaff, Arizona.*

3502. Transportation Geography 2

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Timothy Vowles, University of Northern Colorado

3:10 Wook Lee*, Texas State University, *Exploring the efficiency of non-work travel.*

3:30 David M Levinson, PhD, RP Braun/CTS Chair in Transportation, Department of Civil Engineering, University of Minnesota, Twin Cities; Bernadette M Marion*, Florida State University, *Are Accessibility and Mobility Complements or Substitutes?.*

3:50 Martin Harsche, Frankfurt University of Applied Sciences; Thomas Braun*, European Center for Aviation Development - ECAD GmbH, *Economic Catalytic Impacts of Air Transport: The Influence of Connectivity by Air on Business Location Decisions in Germany.*

4:10 Jiaoe Wang*, Chinese Academy of Sciences; Fengjun Jin, Chinese Academy of Sciences; Huihui Mo, Chinese Academy of Sciences, China Communications and Transportation Association, *Railway network expansion and spatial accessibility evolution in China: A longitudinal study.*

4:30 Timothy Vowles*, University of Northern Colorado; Andrew Goetz, University of Denver, *A Hierarchical Typology of Intermodal Air-Rail Connections at Large Airports in the United States.*

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3503. Topics in Cultural and Population Geography

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

Thomas A. Wikle*, Oklahoma State; Jonathan C. Comer*, Oklahoma State University, *The Changing Geography of Religious Radio in the U.S.*

Allen Finchum*, Oklahoma State University; Bruce L. Battles, Oklahoma State University, *An Analysis of the Regional Variation of Movie and Television Sites and Settings: Where are they Set, How does this Impact Us.*

Mark Kanning*, Texas State University, *Influence of Overseas Backpacking on Worldviews: A Process.*

Michele McKee*, University of Arkansas, *Conservation and Tourism in Wadi Rum, Jordan.*

Ali Rood*, University of North Dakota, *Exploring the Lives and Challenges of North Dakota Gays and Lesbians.*

Jeffrey S. Smith, PhD*, Kansas State University; Thomas J. Vought, Kansas State University, *How long do we have: The changing distribution of the Mexican origin population in the U.S. between 2008 and 2050.*

diana bruno shanira pabon adamaris gonzalez*, Undergraduated, *invisible citizen marginal spaces: dominican-haitians in the dominican republic.*

Jenna Christian*, University of Wisconsin - Eau Claire, *Refugee Resettlement and Land Tenure in Liberia Africa, Liberia, refugees, land tenure, post-war geography.*

Tatiana Ortiz*, Individual; Ivelisse Justiniano*, *Dominican Communities in San Juan, Puerto Rico (1980-2000).*

Laura Simmons*, University of North Carolina at Charlotte, *Spatial and Demographic Characteristics of Charlotte's Non-Latino Immigrants.*

Holly R. Barcus*, Macalester College; Cynthia A. Werner, Texas A&M, *Culture and Migration Decision-Making: A Case Study of the Kazakh Diaspora in Western Mongolia.*

Dustin Adam Watkins*, Middle Tennessee State University; Hari P. Garbharran, PhD, MBA, Middle Tennessee State University, *US-South Africa Partnership to mitigate the impact of the HIV/AIDS pandemic.*

Carl Quinton Holt*, Student; Michael Pretes*, University of North Alabama, *The Changing Geography of American College Football.*

Gregory Cain*, Slippery Rock University, *Application of a Recreational Model to Backcountry Skiing: A Validation Study of Northern Vermont.*

Thomas J. Vought*, Kansas State University; Ryan Bergstrom, Kansas State University; Mike Dulin, Kansas State University; Mitch Stimers, Kansas State University, *The Spatial Distribution of the Seven Deadly Sins by County within the United States.*

Chester Harvey*, Middlebury College, *Which Way? The Nature of Distortion in Real-World Directional Judgment.*

Elizabeth G. Ray, Masters student*, Texas State University - San Marcos, *The Knowledge of and Concern for Climate Change of Self-identified Environmentally Aware Texans.*

Dulce Bueno*, Binghamton University, *"A Comparative Analysis of Socio-Economic changes of Ethnic Groups in Harlem, NY from 1990-2000".*

Hudson McFann*, The Ohio State University, *From company towns to the Wayne National Forest: an analysis of local agency amid post-industrial 'regreening' in Southeast Ohio.*

Matthew Ryan Cartledge*, Kansas State University, *Hispanic Housescape Features Associated with the Latino Ethnic Neighborhood in Great Bend, Kansas.*

Sayali Ganesh Gokhale*, Texas State University San Marcos, *Sacred groves of India.*

Ruth A. Zipfel*, Middle Tennessee State University; Hari P. Garbharran, PhD, MBA, Middle Tennessee State University, *HICIC and Caribbean Disaster Relief Project.*

Brandie Mitchell*, University of New Orleans, *Trinkets Left by Katrina: How Changes to New Orleans' Landscape Have Led to Personal Attachment.*

Outi-Kristiina Hännikainen*, Academy of Finland/University of Helsinki, *Cemeteries as a source of landscape knowledge: a Finnish colony in Canada.*

Laura Sophie Coppola*, University of North Carolina at Charlotte, *The Jewish Experience in the American South.*

Ingolf Vogeler*, University of Wisconsin-Eau Claire, *Landscapes of Collectivism: Topographic Map Exercises of the Communal Settlement Morphology of the Amana Colonies in Iowa.*

Daniel Ervin, Masters Student*, University of Wyoming; Gerald R. Webster*, University of Wyoming, *Counting Old Glory - A Census of American Flag Symbols in Laramie, Wyoming.*

John T. Morgan*, Emory & Henry College, *Southwest Virginia as a Vernacular Region.*

Christina Marie Dorough*, University of North Alabama, *Ethnic Self-Segregation on College Campuses: A Case Study.*

Andrew Walker*, University of North Alabama; Michael Pretes, PhD, University of North Alabama, *Nationalism in European Football.*

Laura L. Thomas*, Ilisagvik College; Bryan D. Thomas*, Barrow Arctic Science Consortium, *Hear the North / Here the North: Building a Community of Past, Present, and Future Visitors to Arctic Alaska.*

JUN-HUA LIN*, *Re-modernizing colonial modernization: the case study of Taipei Winery in Taipei City, Taiwan.*

Ryan D. Bergstrom*, Kansas State University; Thomas Vought, Kansas State University; Michael Dulin, Kansas State University; Mitch Stimers, Kansas State University, *The Spatial Distribution of the Seven Deadly Sins within Nevada.*

Alessandra Garcia Soares*, *New Flows and International Territorial Mobility: The Search for Cultural Capital.*

Mark M. Van Steeter, PhD*, Western Oregon University, *The Integrating Power of Geography - Interpretative Strategies for the River Corridor of the Grand Canyon.*

3504. Technologies of Development: E-commerce, E-economics, and E-policies. (Sponsored by Economic Geography Specialty Group, Developing Areas Specialty Group, Communication Geography Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Candice Wallace, University of Kentucky; Mark Graham, Trinity College Dublin

CHAIR(S): Matthew Zook, University of Kentucky

3:10 Mark Graham*, Trinity College Dublin, *Time Machines and Virtual Portals: The Spatialities of the 'Digital Divide'.*

3:30 Lawrence E. Wood*, Ohio University, *The Metro/Non-Metro E-Commerce Divide in the U.S.*

3:50 Nicole Simms*, University of Minnesota, *E-legal Commerce: Virtual consumption and the growth of counterfeit economies.*

4:10 Candice Wallace*, University of Kentucky, *Firm Characteristics and Organizational Change: The Role of Electronic Commerce in the U.S. Manufacturing Industry.*

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- 3505. Modest Witnesses: Fieldwork, Indigenous Knowledges and Truth-Making 2 (Sponsored by Historical Geography Specialty Group, Indigenous Peoples Specialty Group)**
Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Charlotte Chambers; Innes M. Keighren, University of Edinburgh
 CHAIR(S): Innes M. Keighren, University of Edinburgh
3:10 Lowri M Jones*, Royal Holloway, University of London, *Indigenous intermediaries in nineteenth-century scientific exploration.*
3:30 Charlotte N L Chambers*, University of Otago, *Counting Clams and the problem with pasua: Epistemological reflections on 'truth' in environmental management.*
3:50 Helen Pattison*, Lancaster University, *Host and researcher: the construction of gaze(s).*
- 3506. Re-scaling the National: The transformation of immigration policies in the US and Europe (Sponsored by Population Specialty Group, Political Geography Specialty Group)**
Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Tatiana Matejskova, University of Minnesota; Kyle Walker, University of Minnesota
 CHAIR(S): Kyle Walker, University of Minnesota
3:10 Kyle Walker*, University of Minnesota; Helga Leitner, University of Minnesota, *The Variegated Landscape of Local Immigration Policies in the US.*
3:30 Jennifer Ridgley*, University of Toronto; Justin Steil, Columbia University, *Placing the Anti-immigrant City: Hazleton, PA and the Illegal Immigration Relief Act.*
3:50 Tatiana Matejskova*, University of Minnesota; Helga Leitner, University of Minnesota, *Encountering the Migrant: Immigrant Integration between the Logic of Singularity and Collective Embedding.*
 Discussant(s): Monica W. Varsanyi, John Jay College, City University of New York
- 3507. "Social Geography: A Critical Introduction" by Vincent DelCasino: Author Meets Interlocutors Panel (Sponsored by Social and Cultural Geography)**
Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Michael P. Brown, University of Washington
 Panelists: Sallie A. Marston, University of Arizona; Stuart C. Aitken, San Diego State University; Rachel Pain, University of Durham; Vincent J. Del Casino, California State University, Long Beach
- 3508. The New China: Urban and Economic Trends**
Room: Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Pengfei Li
3:10 Thomas A. Woodsworth, PhD. student*, University of British Columbia, *Chongqing Imaginaries: Developing Urban Discourses in China's Rising City-Region.*
3:30 Wei Song*, University of Louisville, *Digital Divide in China: The Distribution and Dynamics of Internet Content Production and Consumption.*
3:50 Pengfei Li*, Peking University; Jici Wang, Peking University, *Evolutionary Processes of Interactive Learning: Aluminum Profile Industry in Dali, Guangdong Province, China.*
4:10 G. Zhiyong Lan*, Arizona State University, *Urban Planning and Urban Evolution in Beijing since 1949.*
- 3509. Spatial Patterns of Urbanization and Globalization in Africa**
Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Abdurazack Karriem, Cornell University
3:10 Mohamed Babiker Ibrahim, Dr.*, Hunter College-CUNY, *Socio-economic Changes and Settlement Transformation in Rural Sudan.*
3:30 Kofi Awusabo-Asare, PhD.*, University of Cape Coast, Ghana; Samuel K. Annim, PhD., University of Cape Coast, Ghana, *National Trends and Regional Patterns in Poverty in Ghana: Lessons from three Living Standards Surveys.*
3:50 Joseph Koroma, PhD.*, Olympic College; Todd Sink, Indiana State University; Brian Ceh, PhD., Ryerson University, *Human Development in the New African Millennium: A case for 'regional development policy' to achieve the Millennium Development Goals.*
4:10 James Kwaku Eshun, M.Phil.*, University of Cape Coast, Ghana, *Perceptions of Urban Poverty and Poverty Reduction in the Cape Coast Municipal Area of Ghana.*
4:30 Abdurazack Karriem*, Cornell University, *A Comparative Analysis of Market-oriented Land Reform in Brazil and South Africa.*
- 3510. China: Themes IN Urban and Economic Geography 2**
Room: Royale Pavilion 5, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Yahia Mahmoud
3:10 Shujuan Li*, Texas A&M University, *Quantifying Spatiotemporal Patterns of Self-organizing and Planned Urban Growth.*
3:30 Shi Xian*, The University of Hong Kong, *A Study of Urban Competitiveness in the Urban Agglomeration of the Yangtze River Delta Region.*
3:50 Victor Sit, Prof.*, Founding Director, Advanced Institute for Contemporary China Studies, Hong Kong Baptist University; victor fung shuen sit, prof., Advanced Institute for Contemporary China Studies, Hong Kong Baptist University, *The City in China: review of the city in PRC in 1949-2009.*
4:10 Yahia Mahmoud*, Social and economic geography; Anders Lund Hansen, Urban Geography, *New Asian urbanism: urban restructuring and neo-liberal politics.*
- 3511. Young People, Racism and Place II (Sponsored by Qualitative Research Specialty Group, Ethnic Geography Specialty Group)**
Room: Royale Pavilion 6, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Peter E Hopkins, Newcastle University, UK; Anoop Nayak
 CHAIR(S): Peter E Hopkins, Newcastle University, UK
 Introducer: Peter E Hopkins
3:20 Heather Frost, PhD Candidate*, University of British Columbia, *Being Brown.*
3:40 Caitlin Cahill*, University of Utah, *"Why do they hate us?" Young people raise critical questions about the politics of race and immigration.*
4:00 Anoop Nayak*, Newcastle University, *Lines of Hate: Racist Graffiti, Skinhead Youth and Violence in the English Suburbs.*
 Discussant(s): Robert M. Vanderbeck, University of Leeds

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3512. Ethnic Diversity in Geography Undergraduate Programs (Sponsored by Cultural Geography Specialty Group, Geography Education Specialty Group, Ethnic Geography Specialty Group)

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Panel Session)
ORGANIZER(S): Lawrence Estaville, Texas State University;
 John Frazier, Binghamton University
CHAIR(S): Lawrence Estaville, Texas State University
Panelists: Edris Montalvo, Texas State University - San Marcos;
 Ray Sumner, Long Beach City College, California;
 Fenda A. Akiwumi, University of South Florida; Carlos
 Teixeira, University of British Columbia Okanagan;
 Eugene Tettey-Fio, SUNY-Binghamton

3513. Spatial Analysis of Medical Pathologies

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Jonathan Thayne
3:10 Philip H Howard, PhD*, Michigan State University;
 Margaret Fitzpatrick, Michigan State University; Brian
 Fulfrost, MS, Design, Community & Environment,
*Food Retailers Surrounding Schools and Rates of
 Overweight 9th Grade Students in California.*
3:30 Deok Ryun Kim*, International Vaccine Institute;
 Mohammad Ali, International Vaccine Institute;
 Vu Dinh Thiem, National Institute of Hygiene and
 Epidemiology, Hanoi, Vietnam; Camilo J Acosta,
 GlaxoSmithKline; Lorenz von Seidlein, International
 Vaccine Institute; Michael Favorov, International
 Vaccine Institute; John D Clemens, International
 Vaccine Institute, *Modelling spatial risk for prime-age
 adult mortality in Vietnam.*
3:50 Erjia Ge*, Yee Leung, *Spatial and Temporal Analysis of
 Avian Influenza.*
4:10 Norman Oliver, M.D., M.A.*, University of Virginia;
 Kristen Wells, MPH, University of Virginia; George
 Stukenborg, PhD., University of Virginia, *Post-
 treatment outcomes in prostate cancer: A spatial and
 multilevel analysis.*
4:30 Jonathan B. Thayne, Doctoral Candidate*, University of
 Kansas; Elizabeth Legerski, Doctoral Candidate,
 University of Kansas, *Accounting for Spatial
 Autocorrelation in Racial and Socio-Environmental
 Inequalities affecting Birth Outcomes.*

3514. Employment in the Public Sector: Getting a Job with the Federal Government

Room: *Capri 101, Riviera Hotel, 1st Floor* (Panel Session)
ORGANIZER(S): Rachel S. Franklin, Association of American
 Geographers; Matthew T. Koeppel, Association of
 American Geographers
CHAIR(S): Rachel S. Franklin, Association of American
 Geographers
Panelists: John Adler, NOAA / CIRES; John Cromartie, USDA;
 Paul Weise, NGA; Marc J. Perry, U.S. Census Bureau;
 Lowry Taylor, U.S. Department of State; Peter R.
 Claggett, U.S. Geological Survey

3516. Health and Geography

Room: *Capri 103, Riviera Hotel, 1st Floor* (Illustrated Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Sue C. Grady, Michigan State University
3:10 Susan Rice*, UNT, *Nitrate Levels in Groundwater and
 Concentrated Animal Feeding Operations.*
3:15 Reagan Weaver*, Eastern Kentucky University; Alice
 L. Jones, PhD, Eastern Kentucky University, *Water
 quality in Coal Country: A multiscale analysis of water
 quality in Appalachian Kentucky.*
3:20 Scott Broo*, Clark University, *Modeling Water
 Consumption for Scenarios of Population Growth
 in Eastern Massachusetts Using Visual Basic for
 Applications.*
3:25 Dorothy C. Ibes, Doctoral Student*, Arizona State
 University; Kelli L. Larson, Assistant Professor,
 Arizona State University; Elizabeth A. Wentz,
 Associate Professor, Arizona State University, *Human
 Ecological Concern about Resource Consumption
 at the Neighborhood-Level: Perceived Versus Actual
 Water Scarcity Risks in Phoenix, Arizona.*
3:30 Christy L. Steffke*, University of Michigan-Dearborn,
*You Are What You Breathe: Relating Socio-economic
 Variables to Point Source Pollution in SE Michigan.*
3:35 Jenny L. Langenhahn*, Slippery Rock University, *Gender
 and Socioeconomic Differences in Tattooing.*
3:40 Nicholas W. White*, Virginia Tech; Korine N. Kolivras,
 Virginia Tech; James B. Campbell, Virginia Tech;
 Laurence W. Carstensen Jr., Virginia Tech; David
 Gaines, Virginia Department of Health, *Spatial
 Patterns of Lyme Disease Emergence in Virginia and
 Development of Environmentally-based Risk Models.*
3:45 Joseph G Martin*, Michigan State University, *Human
 Migration in Relation to Tsetse Presence in Kenya.*
3:50 Evan Caten*, Salem State College, *Optimal Parameters for
 Space-Time Cluster Detection of Infectious Disease.*
3:55 Melinda Kathleen Butterworth*, Virginia Tech; Korine
 Kolivras, PhD., Virginia Tech; Lawrence Grossman,
 PhD., Virginia Tech, *Knowledge, perceptions and
 practices: mosquito-borne disease transmission in
 southwest Virginia.*
4:00 Sue C. Grady*, Michigan State University; Helen Enander,
 Michigan State University, *Racial Disparities in Infant
 Mortality in Michigan.*

3517. Geography, HIV/AIDS, and Drug Abuse II

Room: *Capri 104, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): AAG/NIDA; Douglas Richardson, Association
 of American Geographers; Yonette Thomas, NIDA;
 Mei-Po Kwan, The Ohio State University; Sandro
 Galea, University of Michigan
CHAIR(S): Yonette Thomas, NIDA
3:10 Ty Ridenour*, University of Pittsburgh; K. Ola Ahlqvist,
 The Ohio State University, *Do 10 to 12 year olds'
 predictors of adolescent substance abuse cluster into
 neighborhoods?.*
3:30 R. B. Rothenberg*, S. Q. Muth, T. Hoang, *Personal
 geographic range and HIV/STD transmission.*
3:50 Sharmistha Bagchi-Sen*, University at Buffalo-SUNY,
 Annitra Jongsthapongpanth, *Geographic variation in
 mortality from AIDS in Chiang Rai, Thailand.*
Discussant(s): Mei-Po Kwan, The Ohio State University

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Joanna Sage, University of Brighton

CHAIR(S): Louise Holt, University of Reading

3:10 Thomas Doerfler*, University of Bayreuth, *Changing public space - How gentrification rolls up the urban sphere: Berlin-Prenzlauer Berg revisited.***3:30** Darren Paul Smith*, University of Brighton, *Cascading expressions of urban gentrification in rural places.***3:50** Jacquelyn R. Chase*, California State University, Chico, *Glass Houses: Eco-Aesthetics and Modernity in a Neo-Rural Landscape of Brazil.*

Introducer: Antony Chum

4:30 Jenna D.R. Truder*, University of Brighton; Jenna D.R. Truder, University of Brighton, *'Down from London': Gentrification and Long-Distance Migration in a Global City Region.***3519. Trends in African Political Geography****Room:** Capri 106, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Maano Ramutsindela

3:10 Jon A. Bushman, Assistant Professor*, United States Military Academy, *Somaliland Sovereignty.***3:30** Marilyn Silberfein*, Temple University, *Dealing with Displaced Persons in West Africa: Refugees, IDPs and Former Soldiers.***3:50** Heidi G. Frontani, PhD in Geography, Associate Professor of Geography*, Elon University; Lauren C. Taylor, Periclean Scholar, Elon University, *Development through Civic Service: The Peace Corps and National Service Programs in Ghana.***4:10** Maano Ramutsindela*, University of Cape Town, *Liberation Struggles and Electoral Politics.***3520. Spatial Concepts Curriculum for GIS and Design (Sponsored by Geographic Information Science and Systems Specialty Group, International Network for Learning and Teaching Geography in Higher Education, Geography Education Specialty Group)****Room:** Capri 107, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Donald Janelle, University of California, Santa Barbara

CHAIR(S): Michael F. Goodchild, University of California - Santa Barbara

Introducer: Michael F. Goodchild

Panelists: Helen Couclelis, University of California; Daniel Z. Sui, Texas A&M; Diana Stuart Sinton, University of Redlands; Karl Grossner, UC Santa Barbara; Karen Kemp; Stéphane Roche, Laval University; Jeff Howarth; Robert B. McMaster, University of Minnesota - Twin Cities; Sara Irina Fabrikant, University of Zurich

3525. Exploring the Geographies of Food II**Room:** Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): John R. Grimes, Eastern Kentucky University; Garrett Graddy, University of Kentucky

CHAIR(S): Taro Futamura, Komazawa University

3:10 John R. Grimes*, Eastern Kentucky University; Judy Logback, Yale University, *Examining the Position of Cacao Growers in the Chocolate Commodity Chain.***3:30** Terah S. Sportel, PhD Candidate (ABD)*, University of Guelph, *Labour and Kalpavriksham in the Kerala Coconut-Copra-Oil Sector.***3:50** Peter Andersen, Associate Professor*, Department of Geography, University of Bergen, Norway, *Doing away with biodiversity: farmers' preferences in breeding of ricebean in Asia.***4:10** Michelle Marie Metro-Roland, PhD*, Indiana University, *Food, Nation & Culture.***4:30** Daniel Evan Hermstad*, San Francisco State University, *Seed Networks of CSA farmers in the greater San Francisco bay area.***3526. Human Dimensions of Change in Mountains (Sponsored by Mountain Geography Specialty Group)****Room:** Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Keith Bosak

CHAIR(S): Keith Bosak

3:10 Keith Bosak*, The University of Montana, *The Caterpillar Rush: A process of change in the Garhwal Himalaya, India.***3:30** Jon J Kedrowski, MA*, Texas State University -- Mountaineering Institute, *Climber's Perceptions on Mount Rainier: Climber Demographics, Hazards, and Crowding Concerns.***3:50** Soren Larsen*, University of Missouri, *Environmental knowledge transfers in the exurban transition.***4:10** Adam French*, University of California, Santa Cruz, *Critical Conjuncture: Global Change, Environmental Risk, and Agrarian Livelihoods in the Central Andes.***4:30** Jean Cornneloup*, University of Grenoble; Philippe Bourdeau, University of Grenoble, Territoires, PACTE; Pascal Mao, University of Grenoble, Territoires, PACTE, *The cultural labelling of natural tourist areas.***3527. Aeolian Processes and Landforms (Sponsored by Coastal and Marine Specialty Group)****Room:** Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jean Taylor Ellis, University of South Carolina; Steven Namikas, Louisiana State University

CHAIR(S): Paul A. Gares, East Carolina University

3:10 Chris Houser*, Texas A&M University, *Erosion and Accretion in the Foreshore: Implications for Dune Development and Recovery.***3:30** Paul A. Gares*, East Carolina University; Christy Swann, East Carolina University, *Frequency/Magnitude Analysis of Wind Events.***3:50** Jean Taylor Ellis*, University of South Carolina; Bailing Li, Texas A&M University; Eugene Farrell, Texas A&M University; Douglas Sherman, Texas A&M University, *Aeolian Saltation Profiles: An Evaluation of Alternative Methodologies and Analyses.***4:10** Steven Namikas*, Louisiana State University; Yuxiang Dong, Sun Yat-sen University; Patrick Hesp, Louisiana State University, *Wind Tunnel Measurements of Aeolian Mass Flux Distributions: Implications for Grain-Bed Collision Mechanics.*

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3528. **Transportation, the Environment and Health I (Sponsored by Transportation Geography Specialty Group)**

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Ron N Buliung, Department of Geography, University of Toronto at Mississauga; Raktim Mitra, University of Toronto

CHAIR(S): Ron N Buliung, Department of Geography, University of Toronto at Mississauga

3:10 Raktim Mitra*, University of Toronto, *A Conceptual Framework to Examine the Relationship between the Built Environment and Children's Mode Choice for School Transportation.*

3:30 Clark F Andrew, MA*, McMaster University; Darren M Scott, PhD, McMaster University, *Examining the relationship between physical activity and the built environment using a multilevel model.*

3:50 Kristian Larsen*, University of Toronto; Ron Buliung, University of Toronto; Guy Faulkner, University of Toronto; Caroline Fusco, University of Toronto; Fiona Moola, University of Toronto; Vanessa Richichi, University of Toronto, *How Long Was My School Trip?*

4:10 Caroline Fusco*, University of Toronto; Guy Faulkner, PhD, University of Toronto; Ron Buliung, PhD, University of Toronto; Fiona Moola, MSc, University of Toronto; Vanessa Richichi, BPHE, University of Toronto, *Project BEAT: Qualitatively exploring "ways of seeing" active school transport (AST).*

3529. **Material Culture and Geography I (Sponsored by Cultural Geography Specialty Group)**

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Sara Beth Keough, Saginaw Valley State University; H. Jason Combs, University of Nebraska At Kearney

CHAIR(S): Sara Beth Keough, Saginaw Valley State University

3:10 H. Jason Combs*, University of Nebraska At Kearney; Paul Burger*, University of Nebraska at Kearney, *A Geographical Analysis of Garage Sales in Jonesboro, Arkansas.*

3:30 Karen J De Bres, Professor of Geography*, Kansas State University, *Greetings from Main Street! Postcards as Tools for Geographic Interpretation.*

3:50 Linnea C. Sando*, Kansas State University, *Finnish Saunas on the Landscape.*

4:10 Christopher W. Post*, Kent State University - Stark Campus, *Landscape, Memory, and the Reputational Politics of John Brown in Kansas.*

4:30 Timothy G. Anderson*, Ohio University, *Etched in Stone: Material Culture and Ethnicity in the Pennsylvania-German Cemeteries of Central Ohio.*

3530. **Space and Identity: Speaking From and Across Categories III: Mobilities in Space, Time, and Identity (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group, Ethnic Geography Specialty Group)**

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jen Gieseke, CUNY - Graduate Center

CHAIR(S): Laura Pulido

3:10 Jason Oliver Chang, MPPA*, UCB - Ethnic Studies, *Race, Class, and Nation in the Global Production of Section 6 Exemptions to the Chinese Exclusion Acts: The Case of the Merchants of Mexicali, Baja California.*

3:30 Melissa Fong*, University of Toronto, *Interstitial conflict beguiling class consciousness: Making their fight, our fight.*

3:50 Bradley S Gardener, Doctoral Student*, CUNY - Graduate Center, *Creating a Context for White Flight: Whiteness, Jews, and the Bronx.*

4:10 Chin-Yen Anne Wu*, University of Toronto, *Spaces/Identities in the Making: The Case Study of Taiwanese Migrant Women in Toronto.*

4:30 R. Tina Catania*, Syracuse University, *Rethinking Generational Categories: The Locational Implications for Latino Immigrants/Identity.*

3531. **The Mojave Desert: Threats and Restoration (Sponsored by Climate Specialty Group, Biogeography Specialty Group)**

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jill S. Heaton, University of Nevada, Reno

CHAIR(S): Jill S. Heaton, University of Nevada, Reno

Introducer: Jill S. Heaton

3:15 Matt Brooks*, US Geological Survey, Western Ecological Research Center, *Fire History, Ecology, and Management in the Mojave Desert.*

3:34 Robert C Klinger, Dr.*, US Geological Survey; Matthew L Brooks, Dr., USGS-BRD; Tom Dudley, Dr., UC Santa Barbara, *Invasive Plants of the Mojave Desert.*

3:53 J R Matchett, Biologist*, US Geological Survey; Matthew L Brooks, Research Botanist, US Geological Survey, *Ecological Effects of Vehicular Routes in the Mojave Desert.*

4:12 Lesley DeFalco*, US Geological Survey, Las Vegas Field Station; Sara J. Scoles-Sciulla, US Geological Survey, Las Vegas Field Station; Todd C. Esque, US Geological Survey, Las Vegas Field Station, *Post-fire Recovery and Re-vegetation Success in the Mojave Desert.*

4:31 Stanley Smith*, University of Nevada, Las Vegas; Scott Abella, University of Nevada, Las Vegas, *Potential Effects of Climate Change on Ecosystem Restoration in Arid Lands.*

3532. **GIS and Geomorphology (II) (Sponsored by Geographic Information Science and Systems Specialty Group, Geomorphology Specialty Group)**

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Yingkui Li, University of Missouri-Columbia; Jacob Napieralski

CHAIR(S): Yingkui Li, University of Missouri-Columbia

3:10 Timothy Michael Elkins*, University of Michigan-Dearborn; Jacob Napieralski, PhD, University of Michigan-Dearborn, *Assessing Urbanization Impacts within the Evans Ditch Stream Watershed.*

3:30 Derek J Martin*, Missouri State University - OEWR; Robert T Pavlowsky, Missouri State University - OEWR, *Analysis and Classification of Channel Disturbance Zones in an Ozark River.*

3:50 Kevin Adam Hunt, BA*, University of Missouri - Graduate, *Evaluation Impervious Surface of the Hinkson Creek Valley in the metropolitan area of Columbia, Missouri based on DEM Delineated Watersheds.*

4:10 Khawaja Faran Ali*, University of Saskatchewan; Dirk H. de Boer, University of Saskatchewan, *Spatially Distributed Erosion and Sediment Yield Modeling in the Upper Indus River Basin.*

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Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Dennis Conway, Indiana University; Robert B. Potter, University of Reading

CHAIR(S): Audrey L. Kobayashi, Queen's University
 Introducer: Dennis Conway

3:11 Eunice Akemi Ishikawa, Ms*, Shizuoka University of Art and Culture, *Returning Japanese-Brazilian Second-Generations: Their Experiences in Japan*.

3:31 Anastasia Christou, Dr*, University of Sussex, UK, *Migrating Gender and Spatialising Belongingness: Femininities and Masculinities in the Diaspora*.

3:51 Godfrey C St Bernard*, The University of the West Indies, St. Augustine Campus, Trinidad and Tobago; Godfrey C St Bernard, The University of the West Indies, St Augustine Campus, Trinidad and Tobago, *Notions of Nationalism and Prospects for National Development: A Study of Young Professional Returnees in Trinidad and Tobago*.

4:11 Ellen Katherine Quirke*, University of Reading, *"No place like home": Transnationalism and identity among members of the 1.5- and Second-Generation Black Caribbean Community in the UK*.

Discussant(s): Adrian Bailey, University of Leeds

3534. China's Urban Transformation: Theoretical and Comparative Interpretation (Sponsored by Urban Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): George Lin, University of Hong Kong; You-tien Hsing, University of California at Berkeley

CHAIR(S): You-tien Hsing, University of California at Berkeley

3:10 Jinn-yuh Hsu*, National Taiwan University, *From Nation Building, Economic Regeneration to Flanking Governmentality: The Changing Discourses of the Community Building Project in Taiwan after the 1990s*.

3:26 Choon-Piew Pow*, National University of Singapore, *China Exceptionalism: Exploring Divergences and Convergences in Chinese Urban Development*.

3:42 Wen Lin*, University of Wisconsin-Milwaukee, *(Re)scaling urban governance and geo-coding urban landscape - Governing with geographic information technologies in urban China*.

3:58 Jun Wang*, University of Hong Kong, *Art in capital - cultural rehabilitation of industrial buildings in Shanghai*.

4:14 Mi Shih*, Rutgers University, *Groping through Legal Actions: Residential Relocation, Resistance, and Law in Shanghai*.

4:30 You-tien Hsing*, University of California at Berkeley, *Theorizing and Comparing Urban China: Property Rights and Urban Social Movement*.

3535. Entrepreneurship and Geography 2 (Sponsored by Economic Geography Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Helen Lawton Smith, Birkbeck University of London; Sharmistha Bagchi-Sen, SUNY-Buffalo

CHAIR(S): Bjorn T. Asheim, University of LUND, Sweden

3:10 Stephen Roper*, Warwick Business School, *Innovation in Transition: Supporting SME innovation and high-tech growth in the Western Balkans*.

3:30 Tobias Fridholm*, Uppsala University; Per Lundequist, Uppsala University, *The Entrepreneurship Behind the Entrepreneur: Making Space for Biotech Commercialization - The Case of Uppsala Bio-X*.

3:50 Helen Lawton Smith*, Birkbeck, University of London, *Entrepreneurial academics: the case of spin-offs from London's universities*.

4:10 Jerker Moodysson*, Lund University; Björn Asheim, Lund University, *Entrepreneurial conditions unpacked: a comparative study on the lifeworld and system of regional knowledge networks*.

4:30 Jonathan Levie, University of Strathclyde; Mark Hart*, Aston Business School, Aston University; Michael Anyadike-Danes, Economic Research Institute of Northern Ireland, *Agglomeration, Clusters and Entrepreneurial Tendencies in the UK*.

3536. Geographic Contributions to Agrobiodiversity Conservation II (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Latin America Specialty Group)

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Kimberlee Chambers, Willamette University; Laura R Lewis, University of Maryland, Baltimore County

CHAIR(S): Laura R Lewis, University of Maryland, Baltimore County

3:10 Robert J. Hijmans*, International Rice Research Institute; Jacob van Etten, International Rice Research Institute; Andy Jarvis, Bioversity International, *Global patterns of crop diversity and conservation*.

3:30 Keyu Bai*, Bioversity International; Zongwen Zhang, Bioversity International; Yongping Dong, National Animal and Veterinary Centre, Ministry of Agriculture of China; Prem Mathur, Bioversity International, *GIS Framework Development to Link Socioeconomic Parameters with Crop Genetic Diversity for Livelihood Improvement*.

3:50 Jacob Van Etten*, International Rice Research Institute; Robert J. Hijmans, International Rice Research Institute, *A new framework to analyze crop diversity distributions*.

4:10 Matthew B. Hufford*, Department of Plant Sciences, University of California, Davis; Roberto Miranda Medrano, Centro Universitario de la Costa Sur, Universidad de Guadalajara; Paul Gepts, Department of Plant Sciences, University of California, Davis, *Distribution of genetic diversity in populations of teosinte: lessons for conservation of crop wild relatives*.

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- 3537. Livelihoods, Institutions, and Climate Change II: The Vulnerability and Adaptation Interface (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan

CHAIR(S): Arun Agrawal, University of Michigan

3:10 Ashwini Chhatre*, University of Illinois at Urbana-Champaign; Arun Agrawal*, University of Michigan, *Rural Livelihoods, Institutional Networks, and Adaptation to Climate Change.*

3:25 Harry W Fischer*, University of Illinois Urbana Champaign; Ewan Robinson*, University of Illinois at Urbana-Champaign; Ashwini Chhatre, PhD., University of Illinois at Urbana-Champaign; Poonam Jusrut, University of Illinois at Urbana-Champaign; Joseph E Miller, University of Illinois at Urbana-Champaign, *How do rural institutional networks contribute to adaptive capacity to climate change?.*

3:40 Haripriya Rangan*, Monash University; Christian A Kull, Monash University; Lisa Alexander, Monash University, *Forest Plantations, water availability, and adaptation to climate change: Controversies surrounding the presence of *A. mearnsii* in the Palni hills of southern India.*

3:55 Thomas J. Bassett, Professor*, University of Illinois at Urbana-Champaign, *A hard nut to crack: Improving farmer incomes in the cashew value chain of Côte d'Ivoire.*

4:10 Jesse C Ribot, Prof.*, University of Illinois, *Producing Poverty and Vulnerability in the Forest Villages of Eastern Senegal.*

- 3538. Rethinking the Degree of PhD in Geography 2: Beginning an international conversation (Sponsored by Enhancing Departments and Graduate Education project (EDGE))**

Room: Skybox 210, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Mark Boyle, National University of Ireland Maynooth; Mary Gilmartin, NUI Maynooth

CHAIR(S): Mark Boyle, National University of Ireland Maynooth

Introducer: Mark Boyle

Panelists: Robert Kitchin, National University of Ireland; Audrey L. Kobayashi, Queen's University; Robin A. Kearns, University of Auckland; Virginie Mamadouh, University of Amsterdam; Lawrence D. Berg, University of British Columbia; Claudio Minca, Roual Holloway, University of London

- 3539. Free and Open Source Software solutions for Geographers II (Sponsored by Cyberinfrastructure Specialty Group)**

Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Alexander Mandel, University of California, Davis

CHAIR(S): Alexander Mandel, University of California, Davis

Panelists: Alexander Mandel, University of California, Davis; Bruce A. Ralston, University of Tennessee; Eric Bradway Wolf, United States Geological Survey; Shriram Ilavajhala, University of Maryland; Andrew Turner, FortiusOne

- 3540. Time-Series Data: Pre-Processing, Integration, and Quality Assessment (Sponsored by Remote Sensing Specialty Group)**

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Marc Linderman; Pedram Rowhani, University of Louvain

CHAIR(S): Marc Linderman

- 3541. Critical Geographies of Environmental Justice II**

Room: Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor (Paper Session)

ORGANIZER(S): Wendy Elizabeth Jepson, Texas A&M University; Chelsea Lynnette Hanchett, Penn State University

CHAIR(S): Chelsea Lynnette Hanchett, Penn State University

3:10 Bjorn I Sletto*, University of Texas at Austin, *"The Place I Like:" Examining the Role of Critical Reflexivity in Environmental Justice Pedagogy.*

3:30 Catalina Garzon, MCP*, University of California-Berkeley; Eli Moore*, Pacific Institute, *Participatory Research as an Approach to Environmental Justice Movement Research.*

3:50 Dawn Biehler*, University of Maryland, Baltimore County, *Health, Housing, and Justice: Re-membering 'Other' Environmentalisms in US History.*

4:10 Wendy Elizabeth Jepson*, Texas A&M University, *Rethinking Human Geography and Environmental Justice.*

- 3542. Media Geography V: Mobility and Space in a Global Information Society (Sponsored by Private/Public Affinity Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)**

Room: Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor (Paper Session)

ORGANIZER(S): James Craine, California State University Northridge; Mark I. Wilson, Michigan State University

CHAIR(S): Mark I. Wilson, Michigan State University

3:10 Aharon Kellerman, Professor*, University of Haifa, *End of Spatial Reorganization?: Urban Landscapes of Personal Mobilities in the Information Age.*

3:30 Maria Paradiso, Prof.*, Università Del Sannio, Faculty SEA, *ICTs and disasters: Changing perceptions of hazards and coping with disasters.*

3:50 Tommi Inkinen*, University of Helsinki, *Geographical information distribution to tourist with ICTs.*

4:10 Phillipa Mitchell*, The University of Auckland, *Accessing the 'in between'.*

4:30 Ann Oberhauser*, West Virginia University, *Socio-spatial Aspects of Information and Communication Technology among Young Adults.*

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- 3543. New Geographies of Hunger and Food Insecurity II (Sponsored by Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

Room: North Hall N101, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Jamey Essex, University of Windsor; William G. Moseley, Macalester College

CHAIR(S): William G. Moseley, Macalester College

3:10 Jamey Essex*, University of Windsor, *Idle hands are the devil's tools: The geopolitics and geoeconomics of food-for-work.*

3:30 Andy Walter*, University of West Georgia, *The politics of knowing the geography of "very low food security".*

3:50 Ann Myatt James*, Penn State University, *Mapping Spatial Operations: Preliminary Findings from a Pennsylvania Food Pantry System.*

4:10 Marcia R. England*, Miami University, *"You don't eat, you die": Public space and food provision ordinances.*

Discussant(s): Julie Guthman, Univ of California Santa Cruz

- 3544. Civilian Geographers Working for the U.S. Army Topographic Engineering Center (TEC) (Sponsored by Private/Public Affinity Group, Cartography Specialty Group, Military Geography Specialty Group)**

Room: North Hall N102, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Ray Caputo, U.S. Army Corps of Engineers
 Introducer: Ray Caputo, U.S. Army Corps of Engineers

- 3545. Population Geographies 2**

Room: North Hall N103, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Peter B. Nelson, Middlebury College

3:10 Sarah Brinegar*, Department of Justice, *A Comparative Analysis of Small Area Population Estimation Methods.*

3:30 Jason Lugo*, West Chester University, *The Spatial Distribution of the Mexican Enclave in Southern Chester County, Pennsylvania.*

3:50 Christiane Von Reichert*, University of Montana; John Cromartie, ERS/USDA, *New Insights on Return Migration to Rural Communities.*

4:10 Peter B. Nelson*, Middlebury College, *Migration and socioeconomic change in 'no growth' counties.*

- 3546. Practices and Landscapes of Militarization VI: Reflection & New Directions (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

Room: North Hall N107, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Jenna M. Loyd, City University of New York; Matthew Mitchelson, University of Georgia

CHAIR(S): Jenna M. Loyd, City University of New York

Panelists: Deborah L. Che, Kansas State University; James A. Tyner, Kent State University; Matthew Mitchelson, University of Georgia; Elizabeth Lee, University of British Columbia; Anne Bonds, University of Wisconsin, Milwaukee; Richelle Bernazzoli, University of Illinois, Urbana-Champaign; Lauren Martin, University of Kentucky

- 3547. Dendrochronology IV: Dendropyrochronology (Sponsored by Biogeography Specialty Group, Paleoenvironmental Change Specialty Group)**

Room: North Hall N108, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Christopher M. Gentry, Austin Peay State University; Lori D. Daniels, University of British Columbia

CHAIR(S): Lori D. Daniels, University of British Columbia

3:10 Andres Holz*, University of Colorado - Boulder; Thomas T. Veblen, University of Colorado - Boulder, *Fire History and Fire-Climate Relationships in Pilgerodendron uviferum (Guaitecas Cypress) in the Temperate Rainforests of southwestern Patagonia, Chile.*

3:30 Lar Svenson*, Boise State University; Jennifer Pierce, Boise State University; David Wilkins, Boise State University; Jeremy Whitman, Boise State University, *Fire and climate in a lodgepole-pine forest in central Idaho: annual, interannual, centennial, and millennial perspectives.*

3:50 Karen B Arabas*, Willamette University, *Impacts of a Thinning and Burning Treatment on A Mixed Conifer Stand in Ponderosa State Park, Central Idaho.*

4:10 Meredith H Gartner*, University of Colorado; Thomas T. Veblen, University of Colorado; Tania Schoennagel, University of Colorado; Rosemary L Sherriff, University of Kentucky, *Fire history of ponderosa pine-dominated forests in the central Colorado Front Range: topography, climate, and land-use.*

4:30 Keith J. Lombardo*, University of Arizona; Department of Geography & Regional Development; Laboratory of Tree-Ring Research; Thomas W Swetnam, University of Arizona; Laboratory of Tree-Ring Research; Christopher H Baisan, University of Arizona; Laboratory of Tree-Ring Research; Mark I Borchert, US Forest Service, *A Reconstruction of Southern California Chaparral Fire History Using Big-Cone Douglas-Fir Fire Scars.*

- 3548. Cities and Transportation**

Room: North Hall N109, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Yves A. Boquet, Université De Bourgogne

3:10 Megan Macpherson*, Macalester College, *"The Bus Stops Here." Place-Making and Transit-Justice Issues in the Twin Cities Public Transportation System.*

3:30 Joseph J Di Gianni*, Montclair State University, *Connecting the Inner Metropolitan Suburbs: The Role of Bus Rapid Transit as an Urban Sustainability Strategy.*

3:50 Tereza Cristina Ferreira Vilanova, Tereza Vilanova*, University of Uberlândia; Willian Ferreira Rodrigues Ferreira, William Rodrigues, University of Uberlândia, *Uberlândia and its global identity building as logistic city.*

4:10 Ruben G Mercado*, McMaster University; Antonio Paez, Dr., McMaster University; Steven Farber, McMaster University; Catherine Morency, Ecole Polytechnique de Montreal; Matthew Roorda, Dr., University of Toronto, *Journey to Work in Urban Areas: Explaining Travel Mode Choice of Low-Income Persons in Ontario and Quebec.*

4:30 Yves A. Boquet*, Université De Bourgogne, *Solving congestion in cities : policies and contradictions.*

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3549. Reflections on The Geography of Religion: Faith, Place and Space Session #2 (Sponsored by Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Michael Philip Ferber, The King's University College; Mark Bjelland, Gustavus Adolphus College

CHAIR(S): Mark Bjelland, Gustavus Adolphus College

3:10 Cristina Notaro*, CUNY Graduate Center, *Multi-faith Sacred Space*.

3:30 Amanda Rees, PhD*, Columbus State University, *Urban Planning, Religious Territoriality, and a Secular State: H.R.H. Prince of Wales and the Community of Poundbury*.

3:50 Heidi Hoernig, PhD*, INRS-UCS; Frédéric Dejean, PhD Candidate, INRS-UCS and Paris X-Nanterre, *Emerging urban geographies of places of worship: an interreligious comparison of Montreal, Toronto and Paris*.

4:10 Daniel H. Olsen*, Brandon University, *Reflecting on the Importance of Pilgrimage, Tourism, and the Sacred Site Management*.

4:30 Mark Bjelland, PhD*, Gustavus Adolphus College, *Congregations and the Geographies of Religious Diversity*.

3550. Issues in International Tourism IV (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Sanjay K Nepal, Texas A&M University

CHAIR(S): Joomi Lee, University of Texas at Austin

3:10 Miha Koderman, PhD student*, Slovenia; Lydia M. Pulsipher*, University of Tennessee, *Roots Tourism in Slovenia*.

3:30 Albina Pashkevich, Dr.*, Individual Membership, *Heritage tourism and institutional lock in*.

3:50 Alan Wiig*, San Francisco State University, *Producing Heritage: Presentations of the Gold Rush in Columbia, California*.

4:10 Ting-zhi Wang, Sichuan University; Wen Huang*, Sichuan University, *Building tourism image through competitive collaboration: A case study of Shangri-la Village in Sichuan, China*.

4:30 Joomi Lee*, University of Texas at Austin, *Constructing a New Medieval City: Medina Revitalization and Morocco's Authoritarian State*.

3551. Urban Energy and Sustainability in Emerging Economies (Sponsored by Economic Geography Specialty Group, Developing Areas Specialty Group, Energy and Environment Specialty Group)

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Chandana Mitra, University of Georgia; Vatsal Bhatt, Brookhaven National Laboratory

CHAIR(S): Chandana Mitra, University of Georgia

3:10 Yehuda L Klein, PhD*, CUNY - Graduate Center; Magdalena Ornstein, MPH, CUNY Graduate Center; Michael Bobker, CUNY Institute for Urban Systems; Edward Linky, CUNY Graduate Center and USEPA, *Energy Tool Suite Integration for Campus/Neighborhood Impacts Assessment and Decision-Making*.

3:30 Stephen Hammer*, Columbia University CEMTPP, *Urban Energy Policymaking -- The Case of Shanghai*.

3:50 Vladimir Litvak*, Aristas Corporation, *Water-Energy Nexus and Climate Change Politics in Central Asia*.

4:10 Jeremy Tasch*, Towson University, *Curse or Blessing, and to Whom? Oil Development and Transition in Azerbaijan*.

4:30 Vatsal Bhatt*, Brookhaven National Laboratory, U.S.-India-China Cities Collaboration on Energy and Environment.

3552. The 'New Urban Politics' Two Decades On, VIII: Extending the Landscapes of Urban Privatism

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Martin R. Jones, University of Wales,

Aberystwyth; Gordon MacLeod, University of Durham

CHAIR(S): Gordon MacLeod, University of Durham

3:10 Henning Füller*, University of Frankfurt; Nadine Marquardt*, University of Frankfurt, *"Urban Renaissance" and the planning of urbanity as ways of governing contemporary cities*.

3:30 Ute Lehrer*, York University, *"Creative" entrepreneurialism made in Toronto*.

3:50 Andrew Wood*, University of Kentucky; Nicholas A. Phelps, Bartlett School of Planning, University College London, *The new post-suburban politics?*.

4:10 Pauline M McGuirk*, The University of Newcastle, Australia; Robyn Dowling, Macquarie University, Australia, *Rethinking urban politics? Reconfiguring and repoliticising intersections of public and private, states and markets*.

Discussant(s): Robert Lake, Rutgers University

3553. The Geography of Creativity: The Transnational Creative Class

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Kathrine E. Richardson, University of Toronto; Mika Raunio

CHAIR(S): Kathrine E. Richardson, University of Toronto

3:10 Mika Raunio, MR*, University of Tampere, *Tasti, Connectivity and rewards - Co-evolution of global talent pool and regional innovation environment*.

3:30 Carla Sedini*, University of Milano Bicocca, *Be creative in a foreign country. Transnational creative and knowledge workers, a European perspective*.

3:50 Marjaana Korhonen*, University of Tampere, *Is Internationalization Worth It? Finnish Universities as international academic environments*.

4:10 Høgni Kalsø Hansen*, Lund University; Thomas Nedomysl, Institute for Futures Studies, Stockholm, Sweden, *What Matters More for the Decision to Migrate: Jobs versus Amenities*.

4:30 Kathrine E. Richardson*, University of Toronto, *The Power of the Local in Retaining the International Creative Class Family*.

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3554. Hydroclimatology II (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Cryosphere Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Timothy W Hawkins, Shippensburg University; Steven Quiring, Texas A&M University

CHAIR(S): Steven Quiring, Texas A&M University

3:10 Simon N Gosling*, Walker Institute for Climate System Research, University of Reading, UK; Nigel W Arnell, Walker Institute for Climate System Research, University of Reading, UK, *The implications of defined climate change scenarios and climate model structural uncertainty for water resource stresses across the global domain.*

3:30 Michael A. Palecki*, National Climatic Data Center, *The U.S. Climate Reference Network: Detecting Climate Change and Monitoring Drought.*

3:50 Andrew W Ellis*, Arizona State; Timothy W Hawkins, Shippensburg University; Gregg M Garfin, University of Arizona, *Drought index verification in the Colorado River Basin, USA.*

4:10 Lei Meng*, Texas A&M University; Steven M Quiring, Texas A&M University, *Observational Relationship between Precedent Soil Moisture and Summer Precipitation in the U.S. Great Plains.*

4:30 Steven Quiring*, Texas A&M University; Daria B. Kluver, University of Delaware, *Relationship Between Winter/Spring Snowfall and Summer Precipitation in the Northern Great Plains of North America.*

3555. Post-socialist cities: theorizing and researching multiple urban transitions II (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Urban Geography Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Megan Dixon, University of Oregon; Ludek Sykora, Charles University in Prague

CHAIR(S): Megan Dixon, University of Oregon

3:10 Megan Dixon*, University of Oregon, *Contending representations of space in post-socialism: the city as 'territory' or 'place'.*

3:30 Nathaniel S. Trumbull*, University of Connecticut, *Re-Evaluating Infill Practices in a Post-Socialist City: The Loss of St. Petersburg's Historic Center?.*

3:50 Mikhail S Blinnikov, PhD*, St. Cloud State University, *Divergent Urban Green Spaces Across The Altay: Examples From Biysk, Russia And Oskemen, Kazakhstan.*

4:10 Olga Pak*, University of Alberta, *Post-Socialist City: Transient Urbanity and Popular Imagination.*

4:30 Elena Trubina, PhD*, Ural State University (Ekaterinburg, Russia), *Addressing the "local-global problematic" in Russia: place-making and re-centralization.*

3556. Spatial Politics of Urban Planning

Room: North Hall N117, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Deanna H. Schmidt, University of Wisconsin-Milwaukee

CHAIR(S): Deanna H. Schmidt, University of Wisconsin-Milwaukee

3:10 Emanuele Bompani*, University of Wisconsin; Gaspare Caliri, University of Bologna, A:S:I:A; Marco Lampugnani, arch., mlampu.eu; Beatrice Manzoni, ASK - Università Bocconi; Michele Restuccia, Spinner Consortium, *Active Participatory Urban Design (APUD): A New Approach to Bottom-up Process in Urban Planning. The Case Study of Modenacambiasfaccia Planning Prize.*

3:30 Stephanie A. Campbell*, Simon Fraser University, *(Re)constructed livability policy discourse through the neighborhood: The Case of Commercial Drive, Vancouver, BC.*

3:50 John N. Carr, J.D., PhD*, University of New Mexico, *Participatory Planning As The Victory of Good Politics Over Democratic Politics: Planning for youthful spaces in Seattle.*

4:10 Margaret Wilson*, Georgia State University, *Spatial Politics of Urban Planning.*

3557. Sustainable Communities 1

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Alison Blay-Palmer, Wilfrid Laurier University
CHAIR(S): Alison Blay-Palmer, Wilfrid Laurier University

3:10 C. Patrick Heidkamp*, Southern Connecticut State University, *Is Ethical Consumption Milieu Driven?-- Ethical Consumption Behavior in the US.*

3:25 Alex Franklin, PhD*, Cardiff University, *Connecting Skills to Place in the Context of Sustainable Communities.*

3:40 Julie Newton, Dr*, Cardiff University, *"You're one of us now": the challenges and complexities of researching sustainable communities.*

3:55 Alison Blay-Palmer*, Wilfrid Laurier University, *Building Resilient Food Systems.*

4:10 Julian Agyeman*, Tufts University, *Toward just and sustainable communities.*

Discussant(s): Terry Marsden, Cardiff University School of CIT

3558. Water Resources and Urban Issues

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Zhi-Jun Liu, University of North Carolina at Greensboro

3:10 Min Jo Kang*, *An Assessment of Factors Influencing Storm-water Quality in the City of Phoenix.*

3:30 Zhi-Jun Liu, PhD*, University of North Carolina at Greensboro, *Urban Influences on Streamflow Regime in the North Carolina Piedmont.*

3:50 Erika J Espeland*, CMU; Xiaolan Wu, Assistant Professor, Central Michigan University; Tao Zheng, Assistant Professor, Central Michigan University; Charles Hastings, Central Michigan University, *Monitoring Land Cover Change in Montane Tropical Forests in Peru Using Landsat Imagery 1985-2008.*

TUESDAY, MARCH 24 • 3:10 PM - 4:50 PM • 3500**3559. Volunteered Geographic Information (VGI) and GIScience Research (II) (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)**

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Daniel Z. Sui, Texas A&M; Keith Clarke, University of California - Santa Barbara

CHAIR(S): Keith Clarke, University of California - Santa Barbara

Introducer: Keith Clarke

3:12 Brian Klinkenberg*, Geography, University of British Columbia, *Volunteered Geographic Information: Have we been here before?*

3:32 Chen Xu*, *Exploring volunteered geographic information (VGI) for emergency management: Towards a wiki GIS framework.*

3:52 Britta Ricker*, McGill University, *Environmental Change through the Eyes of Barbadians on the Geoweb.*

4:12 Hanif Rahemtulla*, University College London; Muki Haklay, University College London; Claire Ellul, University College London; Louise Francis, London 21 Sustainability Network; Colleen Whitaker, London 21 Sustainability Network, *Mapping Change for Sustainable Communities.*

Discussant(s): Renee Sieber, McGill University; Matthew W. Wilson, University of Washington

TUESDAY, MARCH 24 • 5:20 PM - 7:00 PM • 3600**3603. Hazards and Health; Land Use and Environment**

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

Thomas W. Schmidlin*, Kent State University, *Public Health Consequences of the 2008 Hurricane Ike Windstorm in Ohio.*

Kevin Barrett*, Texas State University, *An Evaluation of Flash Flood Warnings and Flash Flood Reports for South Central Texas.*

Dennis Eck*, University of Dayton; Shuang-Ye Wu*, University of Dayton, *Planning for flood risk under the changing climate.*

Mitchel Stimers*, Kansas State University; Matthew Hosey, Kansas State University; Nathan Brenner, Kansas State University, *Determining Warning Siren Coverage and Optimal Distance to Emergency Services Using GIS in Riley and Pottawatomie Counties, Kansas.*

Jorge V. Bajo*, SUNY at Buffalo; Bettina Martinez-Hackert, PhD, SUNY at Buffalo State College, *Validating and Comparing Results from the Tungurahua Volcano Case Study Using TITAN 2D Simulation and ASTER Image.*

Craig Eissler, M.S.*, Penn State University, *Hazard Risk Awareness & Visualization System (H-RAVS).*

Charles Yorke*, Texas State University, *A Three Components Model For Vulnerability Analysis.*

Gerardo Palacio*, Universidad Autonoma de San Luis Potosi; Patricia Julio, Universidad Autonoma de San Luis Potosi, *Geomorphologic susceptibility and runoff coefficients for mapping flood hazard in a tropical coastal city, Campeche (Mexico).*

Michelle Shuey, PhD*, Edinboro University of Pennsylvania, *A Conceptual Model for Understanding the Landscape Ecology of Human-Wildlife Conflict.*

Thomas M Burkhardt*, University of North Alabama Student; Lisa Keys Mathews, Dr., University of North Alabama, *The Application of a Disaster Recovery Timeline to Crime Patterns Before and After Hurricane Ivan.*

Philip L. Chaney*, Auburn University; Greg S. Weaver, Auburn University, *Mobile Home Resident Responses during the Super Tuesday Tornado Disaster at Lafayette, Tennessee, on 5 February 2008.*

Biricik Gozde Ozacar*, University of Arizona; Stephen R Yool, University of Arizona; Cigdem Goksel, Istanbul Technical University; Michael E Bonine, University of Arizona, *Urbanization Impacts on Wildfire Hazard in Istanbul, Turkey.*

Johanna L Ostling*, Texas State University - San Marcos, *Attitudes of Hotel Employees to Hurricane Warnings: Initial Survey Results.*

Alexander H. Paul*, University of Regina, *Severe Thunderstorms in Southern Saskatchewan.*

Chutima Supboon*, Graduate Student, *A GIS examination of Midwestern flash flood fatalities.*

Stephanie Wodarski*, University of North Carolina at Charlotte, *Spatial Patterns of Sexually Transmitted Diseases in North Carolina Counties.*

Rachel Godwin*, UNC-Charlotte, *Weathering the Tropical Cyclone: Improving public assistance via vulnerability assessment for the older population of New Hanover county, NC.*

Susan L Peters*, Texas State University - San Marcos, *Effects of Hurricane Ike on Mustang and Padre Islands, Texas.*

Michaela Rousseaux*, Salem State College, *A New Direction: The Future of Wind and Solar Power in Salem, Massachusetts.*

Robert J. Neff, PhD*, UMBC (University of Maryland, Baltimore County), *Urban Fragmentation and Energy Consumption Patterns in a North-American Post-Industrial City.*

TUESDAY, MARCH 24 • 5:20 PM - 7:00 PM • 3600

- Laura Schmitt Olabisi*, Michigan State University; Yiwen Chiu, University of Minnesota; Sangwon Suh, University of Minnesota, *Energy and Water Resources: a Systemic Modeling Approach at a Regional Scale*.
- John T. Hayes, PhD.*, Salem State College, *Management of Soils to Help Mitigate Global Warming: A Review of Recommended Practices*.
- Ashley Satinsky*, University of Delaware; Michael O'Neal, PhD., University of Delaware; Brian Hanson, PhD., University of Delaware; Philip Hendrickson*, University of Delaware, *Changes in the areal extent of 742 North Cascade glaciers over a 36 year period*.
- Michelle K. Bozeman*, Clark University, *Satellite-derived QuikSCAT radar scatterometer time series of Greenland ice sheet melt (2000-2007)*.
- Kenneth M. Hinkel*, Department of Geography, University of Cincinnati, Cincinnati, OH 45221; John Lenters, University of Nebraska, Lincoln, NE 68583; Yongwei Sheng, University of California, Los Angeles (UCLA), Los Angeles, CA 90095; Evan Lyons, University of California, Los Angeles (UCLA), Los Angeles, CA 90095; Barry S Winston, University of Cincinnati, Cincinnati, OH 45221-0131; Sandra Jones, University of Nebraska, Lincoln, NE 68583; Chintan A Shah, University of California, Los Angeles (UCLA), Los Angeles, CA 90095; Lawrence C. Smith, University of California, Los Angeles (UCLA), Los Angeles, CA 90095; Nathan Healey, University of Nebraska, Lincoln, NE 68583; Richard Beck, University of Cincinnati, Cincinnati, OH 45221-0131, *Hydroclimatology of Thaw Lakes in Arctic Alaska: Preliminary Results*.
- Zachary M. Seligman, University of Montana; Anna E. Klene*, University of Montana, *Rock-Glacier Distribution in the Beartooth and Northern Absaroka Mountain Ranges, Montana, USA*.
- Elena Fedorova*, Clark University; Henry N.N. Bulley, Clark University; Samuel Ratick, Clark University; Halina Szejnwald Brown, Clark University, *Developing a model to describe relationship between stream base flow and environmental factors*.
- Hannah Gosnell*, Oregon State University; Susan Charnley, USDA Forest Service Pacific Northwest Research Station; David Diaz, USDA Forest Service Pacific Northwest Research Station, *Adapting Private Forest and Rangeland Management to Mitigate Climate Change: Policies and Practices*.
- Dante Gideon Kolipano Vergara*, Michigan State University; Robert T. Walker, Dr., Michigan State University, *Agent-based Models of Deforestation Patterns in the Amazon*.
- James C Barker*, Kansas State University, *The Distribution of Rare Livestock Breeds Producers in the United States*.
- Khagendra Raj Poudel*, *Geo-Environmental Situation in Nepal*.
- Tabitha Spence*, University of Texas at Austin, *The Indus River Basin: Reform or Ruin*.
- Karen DeLong*, Montgomery College, *The Black Damp, Northeastern Pennsylvania's Coal Legacy*.
- Shawn Lewers, MS Urban Planning, PHD Student*, Florida State University, *Using GIS Tools to Assess Potential Hurricane Damage Risks to Critical Military Infrastructure in North Florida*.

- 3604. Roepke Lecture in Economic Geography (Sponsored by Economic Geography Specialty Group)**
Room: *Grande Ballroom G, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Yuko Aoyama, Clark University; Julie Cidell, University of Illinois
 CHAIR(S): Norma Rantisi
5:20 Ronald Leonard Martin, Prof*, University of Cambridge, *The Rhetoric and Realities of Regional Competitiveness*.
 Discussant(s): Amy Glasmeier, Pennsylvania State University
- 3605. The Geomorphology Specialty Group After 30 Years: Looking Back, Looking Forward (Sponsored by Geomorphology Specialty Group)**
Room: *Grande Ballroom H, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Scott A. Lecce, East Carolina University
 CHAIR(S): Frank Magilligan, Dartmouth College
 Panelists: William L. Graf, University of South Carolina; Dorothy Sack, Ohio University; Richard A. Marston, Kansas State University; Patricia F. McDowell, University of Oregon; John Vitek
- 3606. Population Specialty Group Student Paper Competition (Sponsored by Population Specialty Group)**
Room: *Royale Pavilion 1, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Ellen Percy Kraly, Colgate University
 CHAIR(S): Ellen Percy Kraly, Colgate University
5:20 Marta Jankowska*, San Diego State University, *The Geodemographic Classification of Slums in a Developing City*.
5:40 Anna Cieslik*, Clark University, *The Gendered Nature of Foreign-Born Out-Migration: The Role of Quantitative and Qualitative Evidence*.
6:00 Magdalena Benza*, San Diego State University, *Household structure and fertility in Ghana*.
6:20 William L. Allen*, Alma College, *Development and Migrant Rights: Towards Durable Solutions*.
6:40 Nathaniel M. Lewis*, Queen's University, *Moving "Out," Moving On: How Mental and Emotional Health Concerns Impact Queer Migration in North America*.
- 3607. GeoJournal Plenary Lecture on "Citizens as sensors: The world of volunteered geography" By Michael F. Goodchild (Sponsored by Geographic Information Science and Systems Specialty Group, Wine Specialty Group, Cartography Specialty Group)**
Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Daniel Z. Sui, Texas A&M
 CHAIR(S): Daniel Z. Sui, Texas A&M
 Introducer: Daniel Z. Sui
5:40 Michael F. Goodchild*, University of California - Santa Barbara, *Citizens as sensors: the world of volunteered geography*.
 Discussant(s): Barbara Poore, United States Geological Survey; Sarah Elwood, University of Washington; Donald Cooke
- 3610. 4th Annual James Blaut Memorial Lecture (Sponsored by Socialist and Critical Geography Specialty Group)**
Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Jenna M. Loyd, City University of New York
 CHAIR(S): Jenna M. Loyd, City University of New York

TUESDAY, MARCH 24 • 5:20 PM - 7:00 PM • 3600

3611. **Mobility in a time of Madness: From housing boom through credit crunch (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**

Room: Royale Pavilion 6, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Suzanne Davies Withers, University of Washington; Mark Ellis, University of Washington

CHAIR(S): Suzanne Davies Withers, University of Washington

5:20 Mark Ellis*, University of Washington, *US Immigration after the Credit Boom*.

5:40 Carolina K. Reid*, Federal Reserve Bank of San Francisco, *The Untold Costs of Subprime Lending: The Impacts of Foreclosure on Communities of Color in California*.

6:00 Jonathan Glick*, University of Washington, *Regional and metropolitan trajectories of housing appreciation/depreciation and affordability in the United States, 1997-2007*.

6:20 Suzanne Davies Withers*, University of Washington, *Anchors of homeownership and geographies of immobility*.

Discussant(s): Virginia L. Parks, University of Chicago

3614. **Town Hall Meeting: America's Climate Choices**

Room: Capri 101, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Thomas J. Wilbanks, Oak Ridge National Laboratory

CHAIR(S): Thomas J. Wilbanks, Oak Ridge National Laboratory

Panelists: Thomas J. Wilbanks, Oak Ridge National Laboratory; Marilyn A. Brown, Georgia Institute of Technology; Diana M. Liverman, University of Arizona/Oxford University

3616. **Spatially Integrated Social Science (Sponsored by Geographic Information Science and Systems Specialty Group)**

Room: Capri 103, Riviera Hotel, 1st Floor (Illustrated Paper Session)

ORGANIZER(S): Patrick L. Lawrence, University of Toledo

CHAIR(S): Patrick L. Lawrence, University of Toledo

5:20 Patrick L. Lawrence*, University of Toledo, *Spatially Integrated Social Science and Watershed Planning: Examples from the Maumee Watershed, Ohio*.

5:25 Neil Reid*, University of Toledo; Bruce W. Smith, Bowling Green State University; Michael C. Carroll, Bowling Green State University, *Alternative Perspectives on the Territorial Delineation of Industrial Clusters*.

5:30 Donald Janelle*, University of California, Santa Barbara, *Spatial Analysis for Curriculum Enhancement in the Social Sciences*.

5:35 Peter S. Lindquist, PhD*, University of Toledo; Neil Duhon, University of Toledo, *Evaluation of MEDEVAC Service Locations in Ohio*.

5:40 Shanon Donnelly*, University of Akron, *Land Ownership and Land-Cover Patterns in Intentional Communities in the Eastern USA*.

5:45 Asrah Heintzelman, student*, Indiana University Purdue University-Indianapolis, *Disparity in Access to Food Retail Sources in Support of Obesity Research*.

5:50 Hyun Joong Kim*, Pittsburg State University, *Urban growth and landscape analysis at the local community scale*.

5:55 Jackson Matthews, student*, Louisiana Tech University, *Integrating GIS with Decision Tree Data Mining for Spatial Modeling of Cancer Mortality Rates*.

6:00 Jennifer Nicole Fitts*, *Using ArcGIS Network Analyst to Model Handicapped Accessibility Issues on a College Campus*.

3617. **Spatial Analysis of Pathogens**

Room: Capri 104, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Tonny Oyana, Southern Illinois University

5:20 Qingmin Meng*, University of North Carolina at Charlotte; Ross K. Meentemeyer, University of North Carolina at Charlotte, *A new model for reconstructing spatial dispersal progress of point-source pathogen*.

5:40 Jin Chen*, GeoVISTA Center, Department of Geography, The Pennsylvania State University, University Park, USA; Robert E. Roth, GeoVISTA Center, Department of Geography, The Pennsylvania State University, University Park, USA; Adam T. Naito, GeoVISTA Center, Department of Geography, The Pennsylvania State University, University Park, USA; Eugene J. Lengerich, Department of Public Health Sciences, The Pennsylvania State University, Hershey, USA; Alan M. MacEachren, GeoVISTA Center, Department of Geography, The Pennsylvania State University, University Park, USA, *Geovisual Analytics for the Detection of Disease Clusters*.

6:00 Lina Cao*, University of Utah; Tom J. Cova, University of Utah, *Simulating Hantavirus Dynamics in Deer Mice Using a Spatially Explicit Agent-based Model*.

6:20 Tonny Oyana, PhD, Associate Professor*, Southern Illinois University, *Identifying and exploring disease patterns: Lessons Learned and Future Directions*.

3618. **'Who' are the gentrifiers in contemporary urban and rural spaces 3 (Sponsored by Urban Geography Specialty Group)**

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Darren Paul Smith, University of Brighton; Joanna Sage, University of Brighton

CHAIR(S): Louise Holt, University of Reading

5:20 Louise Holt*, University of Reading, *Childless and gentrified: spaces of urban renaissance?*.

5:40 Patrick Rérat*, King's College London and University of Neuchâtel, *New-build gentrification in Switzerland: characteristics of the households living in recently built dwellings in core cities*.

6:00 Brian Doucet*, Utrecht University, *"We're a rich city with poor people...": Strategies of state-led, new-build gentrification in old industrial cities: the case of Rotterdam and Glasgow*.

Discussant(s): Joanna Sage, University of Brighton; Darren Paul Smith, University of Brighton

3619. **Africa's Health: brain-drain, disease, transport and other dynamics (Sponsored by Africa Specialty Group)**

Room: Capri 106, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Calvin O. Masilela, Indiana University of Pennsylvania; Bruce A. Scholten, Durham University, UK

Panelists: Calvin O. Masilela, Indiana University of Pennsylvania; Bruce A. Scholten, Durham University, UK; Joseph R. Oppong, University of North Texas; Smile Dube, California State University-Sacramento

TUESDAY, MARCH 24 • 5:20 PM - 7:00 PM • 3600**3620. Qualitative Data and GIS (Sponsored by Urban Geography Specialty Group, Qualitative Research Specialty Group, Geographic Information Science and Systems Specialty Group)**

- Room:** Capri 107, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Jin-Kyu Jung, University of North Dakota; LaDona G. Knigge, California State University, Chico
 CHAIR(S): LaDona G. Knigge, California State University, Chico
- 5:20** Mark H. Palmer*, University of Missouri-Columbia, *Theorizing the Fragmentation of Kiowa Historical Geographies using Oral Histories, Inductive Research, and Geographic Information Systems.*
- 5:40** Maurizio Antoninetti, Dr.*, San Diego State University, *It's not qualitative; it's not quantitative. It's mixed methodology.*
- 6:00** Jin-Kyu Jung*, University of North Dakota, *Can we bridge qualitative data with GIS?: Extending qualitative capabilities in GIS.*
- 6:20** Geraldine O'Donnell*, UCD Dublin, *Using GIS to Inform Qualitative Research: A Study in Land-Use Dynamics in Dublin, Ireland.*
- 6:40** LaDona G. Knigge, PhD*, California State University, Chico, *Constructing a Grounded Visualization: Recursive analysis of Community Spaces using Ethnography & GIS.*

3622. The Creative Class

- Room:** Capri 109, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Brian Ceh, Ryerson University
- 5:20** Lech Suwala*, Humboldt-University Berlin, *Economic Geography and Creativity -The Creative Field.*
- 5:40** Robert Roling*, Universiteit Van Amsterdam, *The Project Ecology of Amsterdam's International Advertising Industry.*
- 6:00** Jose David De Leon-Alejandro, MS*, Student, *New Geographical and Economic Development Frontiers for the Creativity Index.*
- 6:20** Brandon Harley Haddock, M.S. Geospatial Science*, Kansas State University, *Under the Mountain of the Lamb: "Creative" change in Colorado's North Fork Valley.*
- 6:40** Brian Ceh, PhD.*, Ryerson University; Joseph Koroma, PhD., Olympic College; Todd Sink, Indiana State University, *Regional Patterns of Creativity, Innovation, and New Technology in the United States: Social Conservatism versus Social Enlightenment.*

3625. Exploring the Geographies of Food III

- Room:** Capri 113, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): John R. Grimes, Eastern Kentucky University; Garrett Graddy, University of Kentucky
 CHAIR(S): Garrett Graddy, University of Kentucky
- 5:20** Amanda Coleman*, Arkansas State University; Anthony Troy Adams, Arkansas State University, *Food Accessibility in Rural Areas: The Case in Arkansas.*
- 5:40** Stephen George Tsikalas*, Texas State University, *Edible San Marcos: Engaging Students in Food Geography.*
- 6:00** Kathryn P DeMaster*, University of Wisconsin-Madison; Sarah Bowen, PhD., North Carolina State University, *Happy Cows? Consuming Heritage as a New Dimension of Quality Production.*
- 6:20** Heng-Chang Chi*, PhD candidate - Department of Geography, University of Sheffield, UK, *Contesting authenticity: food geographies in Thai restaurants in the Taipei metropolitan area.*
- 6:40** Garrett Graddy, PhD candidate*, University of Kentucky, *Situating in situ: a feminist political ecology of seeds amid the biopolitics of (agri) biodiversity.*

3626. Human Dimensions of Change in Mountains II (Sponsored by Mountain Geography Specialty Group)

- Room:** Capri 114, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Keith Bosak
 CHAIR(S): Keith Bosak
- 5:20** Ulrich Kamp*, University of Montana; Lewis A. Owen, University of Cincinnati; Sarah J. Halvorson, The University of Montana, *The 2005 Kashmir Earthquake: Lessons Learned.*
- 5:40** Karim-Aly Kassam, PhD*, Cornell University, *Resilience, Pluralism and Practical Wisdom in the Pamir.*
- 6:00** Gilles Rudaz*, Massachusetts Institute of Technology, *Mountain politics and policies.*
- 6:20** Lesley-Anne Clark*, *Spaces of Education: The development of educational space through pedagogical practice.*
- Discussant(s): Nigel John Roger Allan, University

3627. Remote Sensing and GIS for Coastal and Watershed Research and Management (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group, Remote Sensing Specialty Group)

- Room:** Capri 115, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Xiaojun Yang, Florida State University; Luoheng Han, Univ of Alabama
 CHAIR(S): Xiaojun Yang, Florida State University
- 5:20** Luoheng Han*, Univ of Alabama, *Mapping Trophic State for Two Lakes in Tallapoosa Watershed Using Landsat TM Data.*
- 5:40** JING LI*, Department of Geography & Geoinformation Science, George Mason University; David Wong, Department of Geography & Geoinformation Science, George Mason University, *Effects of Spatial Resolution on Hydrological Modeling.*
- 6:00** Tao Zhang*, Florida State University; Xiaojun Yang, Florida State University, *Simulating the Role of Distance on Nutrient Loading Production.*
- 6:20** Liding Chen*, Research Center For Eco-Environmental Sciences, CAS; Xiaoming Feng, Research Center for Eco-Environmental Sciences, CAS; Bojie Fu, Research Center for Eco-Environmental Sciences, CAS; Yihe Li, Research Center for Eco-Environmental Sciences, CAS, *The Response of Soil Erosion to Land-Use Change In Loess Plateau: A Watershed-Wide Evaluation Using the WATEM/SEDEM Model.*

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3628. **Transportation, the Environment and Health II (Sponsored by Transportation Geography Specialty Group)**

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Ron N Buliung, Department of Geography, University of Toronto at Mississauga; Raktim Mitra, University of Toronto

CHAIR(S): Raktim Mitra, University of Toronto

5:20 David A Stubbs, BA*, Department of Geography, University of Western Ontario, London, ON, Canada; Jason Gilliland, PhD, Department of Geography, University of Western Ontario, London, ON, Canada; Douglas D Fraser, MD, PhD, FRCPC, Department of Paediatrics, Schulich School of Medicine, University of Western Ontario, London, ON, Canada; Neil Parry, MD, FRCSC, Centre for Critical Illness Research, London, ON, Canada; Murray Girotti, MD, FRCSC, FACS, Trauma Program, London Health Sciences Centre and Children's Hospital London, ON, Canada; Tanya Charyk Stewart, MSc, Trauma Program, London Health Sciences Centre and Children's Hospital London, ON, Canada, *Environmental Determinants of Trauma: Spatial Analyses of Pediatric Injuries due to Motor Vehicle Collisions*.

5:40 Tingting Zhao*, Florida State University; Mark W Horner, Florida State University, *Accounting for Carbon Emission in Florida: Estimation Based on Land Use and Residential Energy/Fuel Consumption*.

6:00 Philine Gaffron, PhD MLA BSc*, TUHH - Hamburg University of Technology, *Transport, Environmental Justice and Human Daily Activity Patterns - examples from Hamburg, Germany*.

6:20 Elizabeth C Delmelle*, University of North Carolina at Charlotte; Irene Casas, PhD., SUNY Buffalo; Eric Delmelle, PhD., University of North Carolina at Charlotte, *Healthcare Accessibility: A Comparison of Public Transport Systems, Cali, Colombia*.

3629. **Material Culture and Geography II (Sponsored by Cultural Geography Specialty Group)**

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Sara Beth Keough, Saginaw Valley State University

CHAIR(S): H. Jason Combs, University of Nebraska At Kearney

5:20 Alan Nash*, Concordia University, *The diffusion of Bertel Thorvaldsen's sculptural reliefs in the cemeteries of North-western Iceland 1870-1930*.

5:40 Ian Cook*, University of Exeter, *Follow the things: the aesthetics of exploitation*.

6:00 Rebecca Sheppard*, Center for Historic Architecture and Design, University of Delaware, *The Geography of Community: Reconstructing Nineteenth-Century Free Black Neighborhoods in Delaware*.

6:20 Ray Oldakowski*, Jacksonville University, *City Image of Jacksonville, FL*.

3630. **Space and Identity || Speaking From and Across Categories IV: (Re)(De)(Un)Constructing Place (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group, Ethnic Geography Specialty Group)**

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Jen Giesecking, CUNY - Graduate Center

CHAIR(S): Matthew Mitchelson, University of Georgia

5:20 Mathias Detamore*, University of Kentucky, *Queerbilly in the Hollow: Sexuality, Rurality and Place in Harlan County, Kentucky*.

5:40 Gabrielle Bendiner-Viani*, CUNY - Graduate Center, *Dialogues and Guided Tours*.

6:00 Hulya Arik, PhD Candidate*, York University, *Masculinities in Public Space: The Traditional Turkish Coffeehouse*.

6:20 Robert Cochran*, Georgia State University, *The Race and Class of Place: questioning capital and white privilege in the East Village, Buckhead*.

3631. **Exploring American Landscapes**

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Ellen Hostetter, Randolph College; Lisa Rainey Brownell, University of Kentucky

CHAIR(S): Ellen Hostetter, Randolph College

5:20 Ellen Hostetter*, Randolph College, *Valued Landscapes*.

5:40 Lisa Rainey Brownell*, University of Kentucky, *Community values in rails to trails projects*.

6:00 Jacob M Barney*, University of Minnesota, *Rethinking Historic Pullman: Architectural Modification, Social History, and Preservation Practice*.

6:20 Brian Tochtermann*, University of Minnesota Department of History, *The Working-Class Tavern: A Bastion of Gemeinschaft in an Increasingly Sterile Commercial Landscape*.

6:40 Tyra Olstad*, Kansas State University, *Cultivating a Great Plains Aesthetic*.

3632. **Reducing the Threat of Drought: Better Understanding Drought Impacts and Risk Management Options (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Hazards Specialty Group)**

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Kirstin Dow, University of South Carolina; Cody Knutson, University of Nebraska- Lincoln

CHAIR(S): Kirstin Dow, University of South Carolina

5:20 Glenn G. Hyman*, International Center for Tropical Agriculture, *A Framework For Assessing The Impact of Agricultural Drought In Developing Countries*.

5:40 Michael J. Hayes, National Drought Mitigation Center; Gutzmer Denise, National Drought Mitigation Center; Jun Li, National Drought Mitigation Center; Soren Scott, National Drought Mitigation Center; Meghan Sittler, National Drought Mitigation Center; Kelly Smith, National Drought Mitigation Center; Mark Svoboda, National Drought Mitigation Center; Melissa J. Widhalm*, National Drought Mitigation Center; Deborah Wood, National Drought Mitigation Center, *The Drought Impact Reporter: Gathering Data and Providing Information*.

6:00 Kirstin Dow*, University of South Carolina, *Understanding Drought Impacts in the Carolinas*.

6:20 Cody Lane Knutson, Dr. *, National Drought Mitigation Center, University of Nebraska-Lincoln; Mark D. Svoboda, National Drought Mitigation Center, University of Nebraska-Lincoln; Jae Ryu, Dr., National Drought Mitigation Center, University of Nebraska-Lincoln; Donna Woudenberg, Dr., National Drought Mitigation Center, University of Nebraska-Lincoln, *The Republican River Basin Water and Drought Portal: Integrating the Needs of Local Stakeholders and the National Integrated Drought Information System (NIDIS)*.

TUESDAY, MARCH 24 • 5:20 PM - 7:00 PM • 3600**3633. Planning for Quality of Life**

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Quinn, Columbia University, ISERP

5:20 Margaret-Rose M Temkow*, Western Michigan University, *Planning for Quality of Life: Searching for Sustainable Residential Landscapes.*

5:40 Jonathan P. Brooks, B.S. Candidate*, Brigham Young University; Shauna Burbidge, PhD, Brigham Young University; Trenton Robertson, B.S. Candidate*, Brigham Young University; Tania Lounsbury, B.S. Candidate*, Brigham Young University, *Local Ordinances that Promote Physical Activity: A Longitudinal Study of Municipal Policies in Utah.*

6:00 I-Hui Lin*, *Examining open space accessibility: a case study in Milwaukee, Wisconsin.*

6:20 Francisco Lara*, Arizona State University; Matthew Poppen, Maricopa County, *Social Equity and Air Pollution in Metro Phoenix.*

6:40 James W Quinn, MA*, Institute for Social and Economic Research and Policy, Columbia University; Gina S Lovasi, PhD, Institute for Social and Economic Research and Policy, Columbia University; Kathryn M Neckerman, PhD, Institute for Social and Economic Research and Policy, Columbia University; Andrew G Rundle, DrPH, Department of Epidemiology, Mailman School of Public Health, Columbia University; Matthew S Perzanowski, PhD, Department of Environmental Health Sciences, Mailman School of Public Health, Columbia University; Frederica P Perera, DrPH, Department of Environmental Health Sciences, Mailman School of Public Health, Columbia University, *Street trees and verdant environments as predictors of childhood asthma in New York City.*

3634. Comparing and Theorizing Urban China Roundtable (Sponsored by Urban Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: Skybox 206, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): George Lin, University of Hong Kong; You-tien Hsing, University of California at Berkeley

CHAIR(S): You-tien Hsing, University of California at Berkeley

Panelists: Alana Boland, University of Toronto; Carolyn Cartier, University of Southern California; Piper Gaubatz, University of Massachusetts; Jim Glassman, University of British Columbia; You-tien Hsing, University of California at Berkeley; Richard A. Walker, University of California-Berkeley; Fulong Wu, Cardiff University; Tingwei Zhang

3635. Entrepreneurship and Geography 3 (Sponsored by Economic Geography Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Helen Lawton Smith, Birkbeck University of London; Sharmistha Bagchi-Sen, SUNY-Buffalo

CHAIR(S): Sharmistha Bagchi-Sen, SUNY-Buffalo

5:20 Diep Thai*, State University of New York at Buffalo; Jessie Poon, State University of New York at Buffalo, *Microfinance and regional development among female entrepreneurs in North Vietnam by Diep Thai and Jessie P.H. Poon, University at Buffalo-SUNY.*

5:40 Christine Tamasy*, University of Auckland, *Entrepreneurship and Entrepreneurial Diversity in New Zealand's Regions.*

6:00 Irene Hardill*, Nottingham Trent University, *Entrepreneurship and the voluntary and community sector: reflections on public service delivery in the UK.*

6:20 Alan Southern*, University of Liverpool, *The Geography of Enterprise in the Context of Deprivation (or should that be the geography of deprivation in the context of enterprise?).*

6:40 Lucio C Freire, Phd Fellow*, Aalborg University, Denmark, *Entrepreneurship Policy in a Local Experience Economy.*

3636. Geographic Contributions to Agrobiodiversity Conservation III (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Latin America Specialty Group)

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Kimberlee Chambers, Willamette University; Laura R Lewis, University of Maryland, Baltimore County

CHAIR(S): Kimberlee Chambers, Willamette University

5:20 Leah H. Samberg, Doctoral Candidate*, University of California, Santa Cruz, *The Role of Farmer Seed Networks in the Landscape Genetic Structure of Crop and Tree Species in an Ethiopian Highland Agroecosystem.*

5:40 Kraig H. Kraft*, University of California, Davis; Steve Brush, University of California, Davis; Paul Gepts, University of California, Davis, *Seed selection amongst chile farmers in the Mexican state of Aguascalientes: Implications for local seed systems and in-situ conservation.*

6:00 Narciso Barrera-Bassols, PhD*, CIGA, UNAM; Marta Astier, PhD, CIGA, UNAM, *Landscape health, work and reciprocity: The management of resilience for the maintenance of maize diversity.*

6:20 Marta Astier, PhD*, Centro de Investigaciones en Geografía Ambiental, UNAM; Narciso Barrera-Bassols, PhD, Centro de Investigaciones en Geografía Ambiental, UNAM, *Small tortilla enterprises a key issue for maize diversity conservation.*

3637. Livelihoods, Institutions, and Climate Change III: Varieties of Adaptation across Scale (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Ashwini Chhatre, University of Illinois at Urbana-Champaign; Arun Agrawal, University of Michigan

CHAIR(S): Thomas J. Bassett, University of Illinois

5:20 Sandra R. Baptista, PhD*, The Earth Institute at Columbia University; Susana Beatriz Adamo, PhD, CIESIN, Columbia University; Maria Muñoz, CIESIN, Columbia University; Liana Razafindrazay, CIESIN, Columbia University, *Local governance and institutional capacity for adapting to climate change in metropolitan Florianópolis, Santa Catarina State, Brazil.*

5:35 Nicole D Peterson*, Columbia University, *Insuring the rain: The role of local and international institutions in providing climate adaptation tools.*

5:50 Tracy Van Holt, PhD. Candidate*, University of Florida, *Adaptive Capacity for Fisher Success.*

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6:05 Qing Tian*, University of Michigan; Daniel G. Brown*, University of Michigan; Lin Zheng, Jiang Xi Normal University, China; Shuhua Qi, Jiang Xi Normal University, China, *Land-use Drivers and Implications for Vulnerability to Flooding near Poyang Lake, China: A Micro-analysis of Farmer Household Surveys and Interviews.*

6:20 Johnson Nkem*, CIFOR, *Market Instruments and Adaptation of African Forest-Dependent Communities to Climate Change.*

3638. Rethinking the Degree of PhD in Geography 3: Continuing an international conversation (Sponsored by Enhancing Departments and Graduate Education project (EDGE))

Room: Skybox 210, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Mark Boyle, National University of Ireland Maynooth; Robert Kitchin, National University of Ireland

CHAIR(S): Mary Gilmartin, NUI Maynooth

Introducer: Mary Gilmartin

Panelists: Lynn Staeheli, University of Edinburgh; Mark Boyle, National University of Ireland Maynooth; Kevin Gould, Dartmouth College; Patricia Burke Wood, York University; Maano Ramutsindela; Bjorn T. Asheim, University of Lund, Sweden

3639. Free and Open Source Software solutions for Geographers III (Sponsored by Cyberinfrastructure Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Alexander Mandel, University of California, Davis

CHAIR(S): Alexander Mandel, University of California, Davis

5:20 Daniel W. Goldberg, PhD Student*, University of Southern California; John P. Wilson, PhD, University of Southern California; Myles G. Cockburn, PhD, University of Southern California, *A Framework for Evaluating Geocoding Research and Practice.*

5:40 Jay A. Parsons*, *NASA World Wind Java.*

6:00 Shriram Ilavajhala*, University of Maryland, *Providing Effective Fire/Hotspot Information Access through the Open Source Fire Information Resource Management System (FIRMS).*

6:20 Eric B Wolf*, United States Geological Survey; Kevin Howe, United States Geological Survey; Michael P Finn, United States Geological Survey; Barbara S Poore, United States Geological Survey, *Functional Analysis for The National Map Server-side Computing.*

3640. Emerging Uses of Technology in K-12 Geography Education (Sponsored by Geography Education Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Sean O'Connor, Georgetown University

CHAIR(S): Sean O'Connor, Georgetown University

5:20 Lynn Songer, PhD*, Lane Community College; Eric Sproles, Lane Community College, *Teaching Geospatial Thinking Across the Curriculum.*

5:40 Mary Crooks*, National Geographic Society, *Geospatial Learning: National Geographic in the K-12 Classroom.*

6:00 Anne Bortscheller*, National Geographic Society, *Collaborative Data Mapping and Analysis with National Geographic FieldScope.*

6:20 Sandra Henderson*, UCAR; Paul Alaback, University of Montana; Kirsten K Meymaris, UCAR; Dennis L Ward, UCAR, *Project BudBurst: Citizen Science, Climate Change, and Biogeography.*

Discussant(s): Sean O'Connor, Georgetown University

3641. Critical Geographies of Children and Youth

Room: Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor (Paper Session)

ORGANIZER(S): Kristina Gibson, University of Colorado at Boulder; Julie Anne Poncelet

CHAIR(S): Kristina Gibson, University of Colorado at Boulder
5:20 Kristina Gibson*, University of Connecticut, *Affective Geographies of Street Kids.*

5:40 Amy E. Ritterbusch*, Florida International University, *Doing Research with Street Children: The Ethics of Participatory Research and Representation.*

6:00 Mike Bulthuis*, University of Ottawa, *Space in the City: Methodological considerations in assessing various young people's ability to 'be' in the city.*

6:20 Julie Poncelet*, University of Washington, *Conceptualizing an Ethical Praxis for Urban Youth Power.*

6:40 Meghan Cope*, University of Vermont, *Youth Independent Mobility and Public Space.*

3642. Media Geography VI: Investigating the Practice of the Critical Geography of Film (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor (Panel Session)

ORGANIZER(S): James Craine, California State University Northridge; Vanessa Mathews, University of Toronto

CHAIR(S): Roger M. Picton, University of Toronto

Panelists: Vanessa Mathews, University of Toronto; Brent Piepergerdes; Giorgio Hadi Curti, San Diego State University; James Craine, California State University Northridge; Roger M. Picton, University of Toronto; Amy Siciliano, UW Madison

3643. New Geographies of Hunger and Food Insecurity III (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jamey Essex, University of Windsor; William G. Moseley, Macalester College

CHAIR(S): Jamey Essex, University of Windsor

5:20 Marie Javdani*, University of Oregon, *Unmasking the Politics of Food in Malawi.*

5:40 Anouk Patel-Campillo*, The Pennsylvania State University, *Agro-export Specialization and Food Security in a Sub-National Context: The Case of Cut Flowers.*

6:00 Katlyn Stillings Morris*, University of Vermont, *Food Insecurity in Organic Coffee Farming Communities of El Salvador.*

6:20 Kent Mathewson*, Louisiana State University, *Small-scale societies and food security issues: the Caribbean case of St. Kitts & Nevis.*

Discussant(s): Kathleen McAfee, San Francisco State University

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3644. Postcolonial geographies of texts and textuality (Sponsored by Indigenous Peoples Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Patricia Noxolo; Marika Preziuso, Research Associate
CHAIR(S): Patricia Noxolo
5:20 Patricia Noxolo, Dr*, Loughborough University, UK; Marika Preziuso*, Research Associate, *'Geographies of postcolonial textuality: place and language in the work of Wilson Harris and Maryse Condé.*
5:40 Mary Kelly*, NUI Maynooth, *Imaginative geographies and the postcolonial lens: Anglo-Irish literature in late nineteenth/early twentieth century Ireland.*
6:00 Jess Bier*, CUNY - Graduate Center, *Mapping the Archives: Interpretations of Gendered Labor in New York City's Pre-WWI Arab American Communities.*
Discussant(s): Patricia Noxolo

3645. Natural Resources and Land Use Change

Room: North Hall N103, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Mark L. Demulder, United States Geological Survey
5:20 Helene Seelye*, University of Nevada, Reno, *Seven-by-Seven ? : Sins, the Earth's Growing Billions, and Natural Resource Conservation.*
5:40 Kathryn Thomas, PhD*, United States Geological Survey; Jake F Weltzin, PhD, United States Geological Survey, *The National Phenology Network: Tracking the timing of plants, animals and climate across the Nation.*
6:00 Mark L. Demulder*, United States Geological Survey, *The National Map Now.*

3646. GIS for Storage and Dissemination of Public Data

Room: North Hall N107, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Patti Day, University of WI-Milwaukee
5:20 Ryan Sim*, University of Waterloo; Peter J. Deadman, Associate Professor, University of Waterloo, *Developing a standardized Data Model for the Forestry Industry.*
5:40 Aruna Saxena*, Author Delegate; Aruna Saxena, Author Delegate, *Reforms in Land Record Information Management System (LRIMS) -With the Integration of Remote Sensing and GIS Technology.*
6:00 Geney Terry, GISP*, GISCI, Penn State MGIS candidate, *An Evaluation of GIS Server and Database Products for Dissemination of Public Data.*
6:20 Linna Li*, University of California, Santa Barbara; Michael Frank Goodchild, University of California, Santa Barbara, *A Conceptual Framework for Geo-object Conflation.*
6:40 Patti Day*, University of WI-Milwaukee, *Wisconsin Land Information: History, politics, scale.*

3647. The Changing Geographies of Japan

Room: North Hall N108, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): David W. Edgington, University of British Columbia
CHAIR(S): David W. Edgington, University of British Columbia
5:20 Natacha Aveline*, French National Research Center (CNRS), *The impact of ageing on the landholding strategy of private railways companies in Japanese metropolitan areas.*
5:40 Roman Cybriwsky*, Temple University, *Japan's New Immigrant Proletariat.*
6:00 Toru Yamada*, University of Hawaii, *Filling in Legal Blanks: Mapping Cultural Landscape Preservation.*
6:20 Timothy W. Reiffenstein*, Mount Allison University, *Does harmonization between the Japanese and US patent systems imply convergence? An investigation into the path interdependencies of institutional variety.*
6:40 Masami Tsujita*, University of Hawai'i at Manoa, *For whaling or for dignity?: Japan's Development Aid to the Pacific Islands Region.*

3648. Cities and Resources

Room: North Hall N109, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Rebecca A. Sheehan, Oklahoma State University
5:20 Andrew Ryder, PhD*, University of Portsmouth, *Changes to the Eastern German Settlement System Since 1989.*
5:40 Silke Steets*, Darmstadt University of Technology, *Leipzig is neither Manchester, nor Sheffield: Towards a Spatial Theory of the City.*
6:00 John Baldrige, ABD*, University of Arizona, *Governing the Industrial Commons.*
6:20 Kathryn Ziewitz, PhD student*, Florida State University; Sunhui Sim, PhD Student, Florida State University, *Spatial and Socio-Political Characteristics of New Urbanism in Central Florida.*
6:40 Rebecca Sheehan*, Oklahoma State University, *An Alternative Historical Geography of Public Space.*

3649. Reflections on The Geography of Religion: Faith, Place and Space Session #3 (Sponsored by Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N110, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Michael Philip Ferber, The King's University College; Mark Bjelland, Gustavus Adolphus College
CHAIR(S): Mark Bjelland, Gustavus Adolphus College
5:20 David J. Butler*, University of Limerick (UL), Ireland, *"The Church with No Name": Christian Conventions and House Church Networks in Ireland.*
5:40 Steve Butcher*, Kent State University, *Pluralistic Geographical Imaginaries in Inter-Faith Dialogue Explored Through Embodied Realism.*
6:00 Jamie S Scott, Professor*, University of Newcastle, *"Representing Sacred Space: Pilgrimage, Tourism and Literature".*
6:20 Roger W. Stump*, University at Albany - SUNY, *Scales of Religious Action in Christian Reconstructionism.*
Discussant(s): Roger W. Stump, SUNY - Albany

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3650. Issues in International Tourism V (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Sanjay K Nepal, Texas A&M University
 CHAIR(S): Athinodoros Chronis, California State University
5:20 Rae Daniel Rosenberg*, University of Vermont, *Pink Dollars and Queer Identities: Commodification, Creations, and Visions of Queerness for Western Queers by Tourist Campaigns for Tel Aviv, Israel.*
5:40 Pascal Mao*, University of Grenoble; Philippe Bourdeau, Institut de Géographie Alpine, Territoires, PACTE; Jean Corneloup, University of Grenoble, Territoires, PACTE, *Mountain sporting cultures and territories: a state of the art of French research.*
6:00 Michael S. McGlade, PhD*, Western Oregon University, *Tourism and Environment in a Coastal Desert Region of Mexico.*
6:20 Athinodoros Chronis*, California State University, *Negotiating Gettysburg: Place-Myths as Political Acts.*

3651. Renewable Energy Policy in the EU and the US (Sponsored by Energy and Environment Specialty Group)

Room: North Hall N112, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Yda Schreuder, University of Delaware
 CHAIR(S): Yda Schreuder, University of Delaware
 Introducer: Yda Schreuder
 Panelists: John Byrne; Urban Strandberg, University of Gothenburg; Michael K. Heiman, Dickinson College; Barry Solomon, Michigan Technological University

3652. Neolocalism and Regional Identity (Tribute to Pete Shortridge)

Room: North Hall N113, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): John Patrick Harty, University of Wyoming
 CHAIR(S): John Patrick Harty, University of Wyoming
5:20 Cary W. de Wit, Associate Professor*, University of Alaska Fairbanks, *Assessing Sense of Place.*
5:40 Steven Schnell*, Kutztown University of Pennsylvania, *Deliberate Identities: Becoming Local In Spite of It All.*
6:00 Deborah E. Popper*, College of Staten Island/CUNY, *Picking Up A Dropped Stitch in the Midwest.*
6:20 Kenneth D. Madsen*, Ohio State University; Arreola D. Daniel, Arizona State University, *Native American Space and Place on the Arizona-Mexico Border.*

3653. Causes, Patterns, and Outcomes of Migration

Room: North Hall N114, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Brinda Sarathy, Pitzer College
5:20 Evelyn D. Ravuri*, Saginaw Valley State University, *Determinants of Net Migration in Montana, 1995-2000.*
5:40 Shipeng Sun*, University of Minnesota - Minneapolis, *Revisiting Spatial Patterns of Intra-urban Migration.*
6:00 Mayur Gosai*, University of North Carolina at Greensboro; L Joe Morgan, PhD, University of North Carolina at Greensboro, *Using Census 2005 data to address Rural-Urban Migration and Population change in Thimphu, Bhutan.*
6:20 Brinda Sarathy*, Pitzer College, *A Tale of Two Valleys: Immigrant Activism in the Willamette and Rogue Valleys.*

3654. Hydroclimatology III (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Cryosphere Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Timothy W Hawkins, Shippensburg University; Steven Quiring, Texas A&M University
 CHAIR(S): Jill S. M. Coleman, Ball State University
5:20 David B Knight*, University of Virginia; Robert E Davis, University of Virginia, *The contribution of tropical cyclones to extreme rainfall events in the southeastern United States.*
5:40 Kent M. McGregor*, University of North Texas, *Reconstruction of the Atmospheric Environment Leading to the Record Rainfall of Summer, 2007 in Texas.*
6:00 Dagmar Budikova*, Illinois State University; Jill S.M. Coleman, Ball State University, *The 2008 Summer Midwest Floods Part I: Geography, Evolution, and Hydroclimatology.*
6:20 Jill S. M. Coleman*, Ball State University; Dagmar Budikova, Illinois State University, *The 2008 Summer Midwest Floods Part II: Synoptic Climatology and Teleconnections.*
6:40 Anna Nordfelt*, Louisiana State University; David Brown, PhD, Louisiana State University, *A comparative study of urban influences on precipitation throughout south-central United States.*

3655. Roundtable on post-socialist cities: multiple urban transitions (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Urban Geography Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Megan Dixon, University of Oregon
 Panelists: Megan Dixon, University of Oregon; Michael Gentile, University of Gävle; Ludek Sykora, Charles University in Prague; Craig Young, Manchester Metropolitan University; Elena Trubina

3656. Spatial Politics of Urban Planning II

Room: North Hall N117, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Deanna H. Schmidt, University of Wisconsin-Milwaukee
 CHAIR(S): Deanna H. Schmidt, University of Wisconsin-Milwaukee
5:20 Ute Lehrer, York University; Thorben Wieditz*, York University, *Spatial politics in Toronto: Community groups fighting back.*
5:40 Andre Sorensen, PhD*, University of Toronto; Lake Sagaris, University of Toronto, *Participatory Streetscapes: Democratic place management at the neighbourhood scale.*
6:00 Deanna H. Schmidt, PhD*, University of Wisconsin-Milwaukee, *Triage Planning and Community Organizations: The Politics of Participation in Redlined Neighborhoods.*

TUESDAY, MARCH 24 • 5:20 PM - 7:00 PM • 3600

3657. Sustainable Communities 2

Room: North Hall N118, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Alison Blay-Palmer, Wilfrid Laurier University
CHAIR(S): Alison Blay-Palmer, Wilfrid Laurier University
5:20 Jesse C McEntee, PhD Candidate*, Cardiff University, *Re-localization of rural food systems: a key ingredient in the creation of sustainable communities?*.
5:40 Leela Viswanathan, PhD*, Queen's University at Kingston, *Fostering sustainable immigrant settlement in smaller Canadian cities*.
6:00 Jennie Middleton*, Cardiff University, *"Time is the ultimate scarce resource!": Time, Everyday life, and Skills for Sustainable Communities*.
6:20 Susan Moore*, University College London, *Leaders and Laggards in Sustainable Community Development: Innovation and Knowledge Management within the UK Housebuilding Industry*.
Discussant(s): Alison Blay-Palmer, Wilfrid Laurier University

3658. Auto Legacy Sites: The Impact of Brownfield Sites on the Great Lakes

Room: North Hall N119, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Jacob Napieralski; Kent Murray, Univ. of Michigan
CHAIR(S): Jacob Napieralski
5:20 Kent Murray*, Univ. of Michigan, *Using GIS to Assess and Map Brownfield Sites in Southwest Detroit*.
5:40 Martin M Kaufman*, University of Michigan-Flint, *Building a sustainable partnership between universities and public schools for brownfield remediation*.
6:00 Daniel Rogers*, Amsted Industries Incorporated; Kent S. Murray, Dr., University of Michigan; Martin M. Kaufman, Dr., University of Michigan, *An Analysis of Remedial Technology Effectiveness at Brownfield Sites*.
6:20 Jacob A Napieralski, PhD*, University of Michigan-Dearborn; Kent Murray, PhD., University of Michigan-Dearborn, *Geosciences Institute for Research and Education in Southeastern Michigan*.
Discussant(s): Jacob Napieralski

3659. Biogeographical Impacts of Fire

Room: North Hall N120, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Neil Frakes, University of Colorado, Boulder
5:20 Stephen P Boyte*, South Dakota State University, *Modeling fire dynamics and landscape structure and vegetation composition under changed fire rotations in the Black Hills*.
5:40 Jared Wesley Oyler*, Penn State University; Erica Smithwick, Penn State University; Michelle Mack, University of Florida, *The Effect of Burn Severity on Short-Term Post-Fire Boreal Vegetation Recovery in Interior Alaska*.
6:00 Rose Agbalog*, Western Washington University, *Cheatgrass Response to Fire in the North Cascades National Park Complex*.
6:20 Neil O Frakes*, Eastern Nevada Landscape Coalition; Matthew L Brooks, United States Geological Survey; John R Matchett, United States Geological Survey; Robert C Klinger, United States Geological Survey; Randy A McKinley, United States Geological Survey; Karen L Prentice, Bureau of Land Management, *Post-Fire Patterns of Bromus Dominance on the Southern Nevada Complex Fires*.

TUESDAY, MARCH 24 • 7:00 PM - 10:00 PM

7:00 p.m. – 8:00 p.m.

- 3705. Geomorphology Specialty Group Business Meeting**
(Sponsored by Geomorphology Specialty Group)
Room: Grande Ballroom H, Riviera Hotel, 1st Floor
- 3720. Indigenous Peoples Specialty Group Business Meeting**
(Sponsored by Indigenous Peoples Specialty Group)
Room: Capri 107, Riviera Hotel, 1st Floor
- 3726. Qualitative Research Specialty Group Business Meeting**
(Sponsored by Qualitative Research Specialty Group)
Room: Capri 114, Riviera Hotel, 1st Floor
- 3727. Historical Geography Specialty Group Business Meeting**
(Sponsored by Historical Geography Specialty Group)
Room: Capri 115, Riviera Hotel, 1st Floor
- 3728. Medical Geography Specialty Group Business Meeting**
(Sponsored by Medical Geography Specialty Group)
Room: Capri 116, Riviera Hotel, 1st Floor
- 3734. Latin America Specialty Group Business Meeting (Sponsored by Latin America Specialty Group)**
Room: Skybox 206, Riviera Hotel, 2nd Floor

8:00 p.m. – 9:00 p.m.

- 3826. Middle East Specialty Group Business Meeting (Sponsored by Middle East Specialty Group)**
Room: Capri 114, Riviera Hotel, 1st Floor
- 3827. History of Geography Specialty Group Business Meeting**
(Sponsored by History of Geography Specialty Group)
Room: Capri 115, Riviera Hotel, 1st Floor

7:00 p.m. – 10:00 p.m.

World Geography Bowl

Room: Royale Pavilion 3, 4, 7 and 8, Riviera Hotel, 1st Floor

(see page 38 for additional information)

7:30 p.m. – 9:00 p.m.

Film Event: Arid Lands

Room: Capri 104, Riviera Hotel, 1st Floor

SPONSOR: Bullfrog Films

DESCRIPTION:

Arid Lands is a documentary feature about the land and people of the Columbia Basin in southeastern Washington state. Sixty years ago, the Hanford nuclear site produced plutonium for the atomic bomb dropped on Nagasaki, and today the area is the focus of the largest environmental cleanup in history. It is a landscape of incredible contradictions: coyotes roam among decommissioned nuclear reactors, salmon spawn in the middle of golf courses, wine grapes grow in the sagebrush, and federal cleanup dollars spur rapid urban expansion.

Arid Lands takes us into a world of sports fishermen, tattoo artists, housing developers, ecologists, and radiation scientists living and working in the area. It tells the story of how people changed the landscape over time, and how the landscape affected their lives. Marked by conflicting perceptions of wilderness and nature, Arid Lands is a moving and complex essay on a unique landscape of the American West.

www.bullfrogfilms.com/catalog/arid.html

WEDNESDAY

Presenting author(s) are indicated with an asterisk ().*

WEDNESDAY, MARCH 25 • 7:00 AM - 8:00 AM • 4000

4012. Military Geography Specialty Group Business Meeting (Sponsored by Military Geography Specialty Group)

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor

WEDNESDAY, MARCH 25 • 8:00 AM - 9:40 AM • 4100

4101. Despatializing Genderized Spaces

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susanne Stenbacka, Uppsala University

8:00 Tracey Jensen*, Open University, UK, *Maternal Geographies - using an ethnographic methodology to explore landscapes of motherhood.*

8:20 Valerie J. Keathley*, University of Kentucky, *Life on the Big Slab: Mobility and Identity in the US Trucking Industry.*

8:40 Patricia Lopez*, University of Washington, *Nurses and the Geography of Patriotism in World War I America.*

9:00 Felicia Beckett*, Chicago State University, *African American Women: Identity, Place and Power through Narratives.*

9:20 Susanne Stenbacka*, Uppsala University; Gunnel Forsberg, Stockholm University, *"That's just the way it is" - About the reproduction of discourses and production of new gendered spaces.*

4102. Geographies of Closed Doors I: Interrogating Security Research and Methodology (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Lauren Martin, University of Kentucky;

Stephanie J Simon, University of Kentucky

8:00 Jason Robert Burke, University of Toronto

Panelists: Merje Kuus, University of British Columbia; Jon Coaffee, University of Manchester; Paul O'Hare, University of Manchester; Stephanie J Simon, University of Kentucky; Peter Rogers, Macquarie University

4103. Urban and Immigrant Businesses and Entrepreneurship

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ashok Das, San Francisco State University

8:00 Vanessa A. Massaro*, University of Arizona, *Shopping our way out of poverty? Retail as a Catalyst for Economic Development in West Philadelphia.*

8:20 Wook-Jin Kim*, University of Chicago; Tae Yeun Kim, University of Chicago, *Immigrant entrepreneurs in low-income inner-city minority neighborhoods: Who are they? And why do they leave?.*

8:40 Harold R. Trendell, PhD*, Kennesaw State University; Nancy Hoalst-Pullen, PhD., Kennesaw State University; Vanessa Slinger-Friedman, PhD., Kennesaw State University; Stephanie Drews, Kennesaw State University, *Spatial and Temporal Patterns of Latino-owned Restaurants, Cobb Co. GA.*

9:00 Ashok Das*, San Francisco State University, *Microfinance for urban community development: where and how does it work.*

4104. Energy Issues

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wesley J. Reisser, UCLA

8:00 Debora Ley*, ECI, University of Oxford; H J Corsair, The Johns Hopkins University, *Energy Supply Risk in Isolated Communities with Renewable Energy Systems.*

8:20 Jacob Kidd*, University of North Carolina at Greensboro, *Renewable Energy in the Southeast: The economic development impact of North Carolina's potential renewable energy supply chain.*

8:40 Nichole Dusyk*, University of British Columbia, *More than a question of size: Looking at local energy planning through the lens of scale.*

9:00 Wesley J. Reisser*, UCLA, *The Myth of Energy Independence.*

4105. Geographies of the Great Depression and New Deal (Sponsored by Study of the American South SG, Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jennifer Speights-Binet, Samford University; Robert N. Brown, Appalachian State University

CHAIR(S): Jennifer Speights-Binet, Samford University

8:00 Robert N. Brown, PhD*, Appalachian State University, *A Town in the Wilderness: The Tennessee Valley Authority's Experiment in Total Community Planning.*

8:20 Alyson L. Greiner, PhD*, Oklahoma State University, *Work, Play, and Nation-Building: Reflections on the WPA in Oklahoma.*

8:40 Jennifer Speights-Binet*, Samford University, *Monument, Myth, and Memory: The Huey Long Legacy and the Construction of the Louisiana State Capitol.*

9:00 Toni A. Alexander*, Auburn University, *Creating the Archetypal California Story: Inserting the Okie Past into the San Joaquin Valley Present.*

Discussant(s): Steven Hoelscher, University of Texas

4106. Where is Urban Politics? I (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Scott Rodgers, Open University; Clive Barnett

CHAIR(S): Scott Rodgers, Open University

8:00 Warren Magnusson, Professor*, Department of Political Science, University of Victoria, *The Symbiosis of the Urban and the Political.*

8:20 Clive Barnett*, The Open University, *The claims of urban politics.*

8:40 Lisa M. Hoffman*, University of Washington Tacoma, *Taking a Stance: Subjectivity as an analytical lens on the urban and the political.*

9:00 Allan Cochrane*, Open University, *The urban unbound: the topological relationships of urban politics.*

9:20 Kevin R. Cox*, Ohio State University, *Re-Imagining the Urban.*

WEDNESDAY, MARCH 25 • 8:00 AM - 9:40 AM • 4100**4107. Hurricanes 2008 and comparisons with 2005 hurricanes**

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): W. Allen Martin, University of Texas at Tyler
 CHAIR(S): W. Allen Martin, University of Texas at Tyler
 Introducer: W. Allen Martin
 Panelists: W. Allen Martin, University of Texas at Tyler

4109. Remote Sensing and Modeling

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Frederick S. Pianalto, University of Arizona
8:00 Christianna Ludlow*, George Washington University; Ryan Engstrom, Thesis Advisor, *Flood Modeling in a Data-Poor Region: A Satellite Data-Supported Flood Model for Accra, Ghana.*
8:20 Bassil El-Masri*, *Developing a data driven process-based model for remote sensing of ecosystem functions.*
8:40 Wen-Ching Chuang*, School of Sustainability, Arizona State University; Soe W. Myint, School of Geographical Science, Arizona State University; Jay S. Golden, School of Sustainability, National Center of Excellence on SMART Innovations for Urban Climate Change & Energy, Arizona State University, *Modeling and predicting heat-health vulnerability using data derived from remote sensing: A case study of Chandler, Arizona.*
9:00 Gichana C. Manyara*, Radford University, *Modelling Forest Changes in the West Mau Forest, Kenya.*
9:20 Frederick S. Pianalto, MS*, University of Arizona, *Remote Sensing Soil Disturbance Model of Valley Fever Pathogen Propagation in Southern Arizona.*

4112. Epidemiological Research in GIS: Applications to Public Health Data in Nebraska (Sponsored by Medical Geography Specialty Group)

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Michael Shambaugh-Miller, University of Nebraska Medical Center
 CHAIR(S): Michael Shambaugh-Miller, University of Nebraska Medical Center
8:00 Michael Donald Shambaugh-Miller*, University of Nebraska Medical Center; Michael D. Shambaugh-Miller, PhD., University of Nebraska Medical Center, *Developing a Public Health Pandemic Flu Early Warning System Using GIS.*
 Discussant(s): Michael Shambaugh-Miller, University of Nebraska Medical Center

4113. Latecomer Technological Upgrading and Global Production Networks I (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: Royale Pavilion 8, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Yifei Sun, California State University, Northridge; Peilei Fan, Michigan State University
 CHAIR(S): Yifei Sun, California State University, Northridge
 Panelists: Sharmistha Bagchi-Sen, SUNY-Buffalo; Harald Bathelt, University of Toronto; Jinn-yuh Hsu, National Taiwan University; Meenu Tewari, University of North Carolina; Henry Wai-chung Yeung, National University of Singapore; Yu Zhou, Vassar College

4114. Environment and Health: Lessons Learned from Disease Prevention and Intervention Programs in Africa I (Sponsored by Africa Specialty Group)

Room: Capri 101, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Isaac N. Luginaah, University of Western Ontario; Florence Margai, Binghamton University, SUNY
 CHAIR(S): Florence Margai, Binghamton University, SUNY
8:00 Paul Mkandawire, University of Western Ontario; Joshua K Tobias*, University of Western Ontario; Isaac Luginaah, University of Western Ontario; Rachel Bezner-Kerr, University of Western Ontario, *Incivility or Masculinity? Illicit Alcohol Consumption and Vulnerability of Youths to HIV Infection in Northern Malawi.*
8:20 Paul Mkandawire*, University of Western Ontario; Jenna Dixon, University of Western Ontario; Isaac Luginaah, University of Western Ontario, *Dialogue of the Deaf: HIV/AIDS Policy Debate in the Malawi National Assembly.*
8:40 Robert Huish*, L'Université De Montréal, *Cuban Medical Internationalism in Africa: treating structural violence in vulnerable communities.*
9:00 Godwin Arku, University of Western Ontario; Isaac N. Luginaah*, University of Western Ontario; Philip Baiden, University of Western Ontario; Alex B. Asiedu, University of Ghana, *Housing and Health in three Contrasting Neighbourhoods in Accra, Ghana.*
9:20 Florence M. Margai, PhD*, Binghamton University, SUNY, *Reducing the Burden of Malaria in Distressed Communities: Lessons from Kroo Bay, Sierra Leone.*

4117. Topics in Medical Geography and Public Health

Room: Capri 104, Riviera Hotel, 1st Floor (Interactive Short Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Carol L. Hanchette, University of Louisville
8:00 Carol L. Hanchette, PhD*, University of Louisville; Mary E. Gordinier, M.D., Norton Cancer Institute, Louisville, KY, *Geographic Disparities in Access to Care: Gynecologic Cancers in Kentucky.*
8:05 Lesli Hoey, MRP*, Cornell University; David Pelletier, PhD, Cornell University, *The Bolivian Government's Zero Malnutrition Program: Implementing Equity-Oriented Policy in a Decentralized System.*
8:10 Philippe Amstislavski*, State University of New York, *GPS to Measure Air Pollution and Physical Activity in Urban Commuters.*
8:15 Marjorie McConnell, MSS*, University of New Mexico, *Comparing the effectiveness of hantavirus outreach in northwestern New Mexico, Panama, and Chile.*
8:20 Robert John Bouvier, GIS Team Leader*, DAI, *Avian Influenza decision-support using an open source geospatial approach.*
8:25 Barbara L. MacLennan, M.A., M.S.J.*, West Virginia University Eberly College Department of Political Science; Susan Bergeron, M.A., M.S., West Virginia University Department of Geology and Geography; Frank LaFone, M.A., West Virginia University, *U.S. Solid Waste Policy and Ethics of Place.*
8:30 Margaret E Loughnan, Dr*, Monash University, *'Hot Spots' Project: Spatial vulnerability to heat events in Melbourne Australia.*

WEDNESDAY, MARCH 25 • 8:00 AM - 9:40 AM • 4100

8:35 Eric Robitaille*, INSPQ, *Using geographic information systems (GIS) to develop indicators of the built environment and its influence on lifestyle habits: the case of Quebec.*

8:40 Andrew Maroko*, City University of New York; Juliana Maantay, City University of New York, *Local Point Sources of Air Pollution and Environmental Health Justice in New York City.*

4118. GIS for Public Policy and Law

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gregory A. Elmes, West Virginia University

8:00 Jason J. Ross*, United States Air Force Academy; Christopher Lukinbeal*, Arizona State University - Department of Geography, *Identifying Air Force recruitment spatial patterns through the use of Geographic Weighted Regression techniques.*

8:20 Xiaomin Qiu*, Missouri State University; Shuo-sheng Wu, Missouri State University, *School-Profile and Local Socioeconomic Variables of American College Test Score for Missouri Public High Schools.*

8:40 Adam Jones*, Southern Illinois University, *Geographic Analysis of Wireless Broadband Internet Access in Rural Communities: A GIS Case Study of Southern Illinois.*

9:00 Gregory A. Elmes, PhD*, West Virginia University; George Roedl, West Virginia University, *Geographic Information, Forensic Science and Evidence.*

4119. Topics in Social and Cultural Geography

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Seth Bassett, Florida State University

8:00 Brent Piepergerdes*, University of Kansas, *From Deconstruction to Production: A Proposal for the Geographic Documentary Project.*

8:20 John Davenport, PhD*, Central Washington University, *The Neo-Plastic Art of Restoration: Honing an Ecological Archetype from Nature's Complexity.*

8:40 Moira Conway*, West Chester University, Montgomery County Community College, *Political Economy of Film Production in the USA, UK and France.*

9:00 Seth W Bassett*, Florida State University, *Wardriving the Digital Divide: The Utility of Microscale Wireless Network Surveys in Digital Divide Research.*

4120. Enriching the Student Learning Experience (Sponsored by Geography Education Specialty Group)

Room: Capri 107, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Derek France, University of Chester

CHAIR(S): Derek France, University of Chester

8:00 Derek France, Dr*, University of Chester; Chris Ribchester, Dr, University of Chester; Kelly Wakefield, University of Chester, *Podcasts from the Field.*

8:20 Kelly Wakefield*, University of Chester; Chris Ribchester, Dr, University of Chester; Derek France, Dr, University of Chester, *Supporting the induction of Geography Undergraduate Students Through Online Social Networking.*

8:40 Brian A. Shiplee, Dr*, University of Wolverhampton; John P Smith, Dr, University of Wolverhampton, UK; Albert L Rydant, Prof., Geography Department, Keene State College, New Hampshire, USA; Byron Middlekauff, Prof., Plymouth State University, New Hampshire, USA, *Comparison of staff and student expectations of fieldwork: a case-study of a bi-national fieldtrip to the Four Corners, USA.*

9:00 John P Smith, Dr*, University of Wolverhampton, UK; Anne Wheeler, Dr, University of Aston, UK; Christopher Young, Dr, University of Wolverhampton, UK; Matthew Bates, Mr, University of Wolverhampton, UK; Derek France, Dr, University of Chester, UK; Carolyn Roberts, Professor, University of Gloucestershire, UK, *The student learning experience of participation in an international practitioner network - AAG Boston.*

Discussant(s): Carolyn Roberts, University of Gloucestershire

4124. Cross-border metropolitan integration: towards a comparative perspective (Sponsored by Political Geography Specialty Group)

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Christophe Sohn, CEPS/Institute

CHAIR(S): Christophe Sohn, CEPS/Institute

8:00 Antoine Decoville*, CEPS/INSTEAD; Christophe Sohn*, CEPS/Institute, *From barrier to interface: the cross-border metropolitan integration process in Europe.*

8:20 Gabriel Popescu, PhD*, Indiana University South Bend, *Transgressing State Space: the dimensions of territorial change in Europe.*

8:40 Madhusudana N Rao*, Bridgewater State College, *The Borderless World - Employment & Skilled Immigrants in the United States.*

Introducer: Emmanuel Brunet-Jailly

4125. High Performance Computing for Geospatial Science (Sponsored by Cyberinfrastructure Specialty Group)

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jibo Xie, George Mason University

CHAIR(S): Jibo Xie, George Mason University

8:00 Qingfeng Guan*, Center of Excellence for Geospatial Information Science, U.S. Geological Survey; Michael P. Finn, Center of Excellence for Geospatial Information Science, U.S. Geological Survey; E. Lynn Utery, Center of Excellence for Geospatial Information Science, U.S. Geological Survey; David M. Mattli, Center of Excellence for Geospatial Information Science, U.S. Geological Survey, *Rapid Raster Projection Transformation and Web Service Using High-performance Computing Technology.*

8:20 Alexandre Sorokine*, Oak Ridge National Laboratory; Auroop Ganguly, Oak Ridge National Laboratory, *High-Performance Visualization Framework for Geographic Data and Simulation Model Outputs.*

8:40 Wenwu Tang*, University of Illinois at Urbana-Champaign; David A. Bennett, University of Iowa; Shaowen Wang, University of Illinois at Urbana-Champaign, *Cyberinfrastructure-enabled Agent-based Modeling of Geospatial Systems.*

9:00 Jibo Xie*, CISC, George Mason University; Chaowei Yang, CISC, George Mason University, *High Performance Computing Support for Environmental Models.*

9:20 Eric Shook*, University of Illinois at Urbana-Champaign; Wenwu Tang, University of Illinois at Urbana-Champaign; Shaowen Wang, University of Illinois at Urbana-Champaign, *A Parallel Computing Approach for Spatially-Explicit Agent-Based Models.*

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4126. Conducting, Analyzing, and Writing Qualitative Work (Sponsored by Qualitative Research Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Melinda Alexander, Arizona State University; Jennifer Kitson, Arizona State University
 CHAIR(S): Kevin E. McHugh, Arizona State University
 Panelists: Alan Latham, University College London; Dydia DeLyser, Louisiana State University; Hilda Kurtz, University of Georgia; Deborah G. Martin, Clark University; Mike A. Crang, University of Durham; Jin-Kyu Jung, University of North Dakota

4127. In John Wesley Powell's Wake (Sponsored by Rural Geography Specialty Group, Cultural Geography Specialty Group, History of Geography Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Paul B. Frederic, University of Maine; Soren Larsen, University of Missouri
 CHAIR(S): Kent Mathewson, Louisiana State University
 8:00 Robert G. Corbett, Professor Emeritus*, Illinois State University, *Central Illinois remembers John Wesley Powell*.
 8:20 Timothy J. Rickard*, Central Connecticut State University, *John Wesley Powell and the 1891-1914 Irrigation Movement*.
 8:40 Paul B. Frederic, Professor of Geography*, University of Maine at Farmington, *Haven, Maine Summer Community: John Wesley Powell's Retreat*.
 9:00 Paul R. Larson, PhD*, Southern Utah University, *Water Consumption and Water Development in the Western United States*.
 Discussant(s): Bryon D. Middlekauff, Plymouth State University

4128. Comparative urbanism: an inter-disciplinary dialogue (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Kevin Ward, University of Manchester
 CHAIR(S): Kevin Ward, University of Manchester
 Panelists: Kevin Ward, University of Manchester; Jefferey Sellers, University of Southern California; Aseem Inam, Massachusetts Institute of Technology; Michael Smith, Arizona State University; Jan Nijman, University of Miami; Cynthia Ghorra-Gobin

4129. Global Health Geographies 1

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Alan Ingram, Susan Craddock, University of Minnesota
 CHAIR(S): Susan Craddock, University of Minnesota
 8:00 Harris Ali*, York University, *Infectious Disease and the Social Control of Mobility*.
 8:20 Bronwyn Parry, Reader in Geography*, Queen Mary University of London, *Domesticating bio-surveillance: Capturing everyday health data for use in bioterrorist 'early-warning' systems*.
 8:40 Beth Greenhough*, Queen Mary, University of London, *Beyond Bioinsecurities? Reflections on endemic human-virus relations*.
 9:00 Alan Ingram*, UCL Department of Geography, *The geopolitics of HIV/AIDS relief: salvation and security in the colonial present*.
 9:20 Vinh-Kim Nguyen*, Université De Montréal, *Experimentality. Clinical and social trials for HIV in Africa and the geography of biomedical epistemology*.

4130. Global drivers of agricultural change 1 (Sponsored by Rural Geography Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Geoff Wilson, School of Geography
 CHAIR(S): Geoff Wilson, School of Geography
 8:00 Geoff Wilson*, School of Geography, *Global drivers of agricultural change: conceptual and empirical challenges*.
 8:20 Richard Le Heron*, University of Auckland; Stuart Gray, General Manager, GlobalTrade New Zealand, Fonterra; Christina Stringer, Department of Management and International Business, University of Auckland; Christine Tamasy, School of Geography, Geology and Environmental Science, University of Auckland, *Emerging dynamics in globalising food and agriculture: exploring the political and moral economies of configuring the globalising dairy supply chain*.
 8:40 Terry Marsden*, Cardiff University School of CIT; Andrew Flynn, Cardiff University, School of City and Regional Planning, *'Just a blip', 'Food in crisis' or 'Into a new era': the new regulation and governance of agri-food*.
 9:00 J. Christopher Brown*, University of Kansas; Lisa Rausch, University of Kansas; Johannes Feddema, University of Kansas, *A systematic approach to the study of food vs. non-food production in Brazil*.
 9:20 Barbara Hahn*, Wuerzburg University, *Globalisation of Retailing. A Comparison of German and American Internationalisation Strategies*.

4131. Urban Microclimates: Mapping, Measurements, Models (Sponsored by Climate Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Joe McFadden, University of California, Santa Barbara; Jimmy Adegoke, University of Missouri-Kansas City
 CHAIR(S): Joe McFadden, University of California, Santa Barbara
 8:00 Chandana Mitra*, University of Georgia, *The growth of urban Kolkata, India and its impact on the precipitation processes*.
 8:15 Walker S. Ashley*, Northern Illinois University, *Radar-based Climatology of Urban Heat Island Enhanced Convection in the Southeast U.S.*
 8:30 Timothy R. Oke*, University of British Columbia; Jennifer A Salmond, University of Auckland; Matthias Roth, National University of Singapore; A N V Satyanarayana, National University of Singapore; James A Voogt, University of Western Ontario; Roland Vogt, University of Basel; Andreas Christen, University of British Columbia, *Can canyon and rooftop fluxes be combined into neighbourhood fluxes?*.
 8:45 Jimmy O Adegoke*, University of Missouri-Kansas City; Joan Steurer, Mid America Regional Council; Ahmed Balogun, University of Leeds, UK, *Intercomparison of Satellite-derived Land Surface Temperature with Surface Infrared Thermometer Measurements for a Kansas City Suburban Location*.
 9:00 Chris Green*, University of Missouri at Kansas City (UMKC); Jimmy Adegoke, PhD., UMKC; James Joerke, Air Quality Program Office, Mid America Regional Council, *Ground Level Ozone Concentrations and Potential Health Impacts in the Kansas City Area*.
 9:15 Joseph P McFadden*, University of California, Santa Barbara, *Annual Cycles of CO2 and Water Vapor Exchange of a Suburban Lawn*.

WEDNESDAY, MARCH 25 • 8:00 AM - 9:40 AM • 4100**4132. Development and change in diverse coastal contexts (Sponsored by Cultural and Political Ecology Specialty Group)***Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Zoe A. Meletis, University of Northern British Columbia; Michael Finewood, University of South Carolina

CHAIR(S): Zoe A. Meletis, University of Northern British Columbia

8:00 Zoe A. Meletis*, University of Northern British Columbia; Michael Finewood*, University of South Carolina, *You can't get there from here: Coastal gentrification and the case of the Carolina docks.***8:20** Noëlle Boucquey*, Duke University; Zoë Meletis, PhD, University of Northern British Columbia; Lisa M. Campbell, PhD, Duke University; Gabriel Cumming, PhD, Duke University, *Community Concerns: Exploring attitudes toward coastal land use change in Down East, North Carolina.***8:40** Priyanka Ghosh*, University of Kentucky, *The Political Ecology of Conservation in Sundarban Biosphere Reserve, India.***9:00** Damian Collins*, University of Alberta, *Gentrification or 'multiplication of the suburbs?': Coastal development in New Zealand.***9:20** Chui-Ling Tam*, University of Calgary, *Discursive struggles and ownership of an Indonesian marine park future.***4133. Food production, distribution, and access in cities (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Energy and Environment Specialty Group)***Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Michael Adams

CHAIR(S): Michael Adams

8:00 Michael Adams*, Clare O'Reilly, UC Berkeley Department of Landscape Architecture and Environmental Planning, *Food Production and Distribution Networks of Urban Centers.***8:15** Tracey Farrigan, PhD*, Economic Research Service - USDA; Vince Breneman, Economic Research Service - USDA, *Food Deserts: An Assessment of Geographic and Socio-economic Risk.***8:30** Anna Carla Lopez*, San Diego State University, *The urban and nutrition transition: using GIScience and remote sensing to map predictors of urban household food security in Accra, Ghana.***8:45** Lenore L Newman, PhD*, York University, Canada, *Food in the neighbourhood: The impact of small plot growing and local markets on perceptions of place.***9:00** Nathan McClintock*, University of California, Berkeley - Dept. of Geography, *Participatory Assessment of Vacant Land for Urban Agricultural Use in Oakland, California.***9:15** Christopher B Langer*, University of Toronto, *Local Urban Food Systems: Models to Increase Food Security for Toronto's Poor.***4134. Hazards, GIS, and Remote Sensing 1 (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)***Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Michael E. Hodgson, University of South Carolina; Tom Cova, University of Utah

CHAIR(S): Tom Cova, University of Utah

8:00 Pamela S. Showalter, JMLC Director and Research Associate Professor*, Texas State University-San Marcos; Yongmei Lu, Associate Professor, Texas State University-San Marcos, *Recent Developments in the Use of Geographic Information Technology for Urban Hazard and Disaster Research.***8:20** Laura Siebeneck*, University of Utah; Thomas J Cova, University of Utah, *Using GIS to explore evacuee behavior before, during, and after the 2008 Cedar Rapids Flood.***8:40** Michael E. Hodgson*, University of South Carolina; Bandana Kar, University of Southern Mississippi, *Line Definition and Generalization at the Process Scale: A Hurricane Coastline Example.***9:00** Philip E. Dennison*, University of Utah, *Detecting Wildfires in Hyperspectral Remote Sensing Data.***9:20** Tom Cova*, University of Utah; Laura K. Siebeneck, University of Utah; Frank A. Drews, University of Utah; Adrian Musters, University of Utah, *Evacuation versus shelter-in-place in wildfires: the incident commander perspective.***4135. Climate Change and Wine Production (Sponsored by Wine Specialty Group)***Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Denyse Lemaire, Rowan University; Gregory V. Jones, Southern Oregon University

CHAIR(S): Denyse Lemaire, Rowan University

8:00 Gregory V. Jones*, Southern Oregon University; Hans Rainer Schultz, Geisenheim Research Institute, *Climate and Winegrape Harvests from 1784-2007 in the Rhine Valley of Germany.***8:20** Tony B Shaw, Professor*, Brock University, *The Impact of Global Warming on Ontario's Ice Wine Industry.***8:40** Calanit Efrat Bar-Am*, UC Davis, UC Agricultural Issue Center, *Weather, Climate, Characteristics and Prices of Wine Grapes.***9:00** Monica Hadarits, BA, MSc Candidate*, University of Guelph, *Exposure and Adaptation to Climate Change in the Maule Grape and Wine Sector of Chile.***9:20** Kimberly Nicholas Cahill*, Stanford University, *Global Change in Local Places: Climate Change and the Future of the Wine Industry in Sonoma and Napa, California.***4138. Cognition, Behavior, and Representation I: Visualization (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)***Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Sarah Battersby; Sara Irina Fabrikant, University of Zurich

CHAIR(S): Scott Bell, University of Saskatchewan

8:00 Kirk Goldsberry, PhD.*, Michigan State University, *The Dynamic Graphical Behaviors of Animated Thematic Maps.*

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8:20 Thomas F Shipley*, Temple University; Jason Chein, Temple University; Shannon Fitzhugh, Temple University; Alexandra Morrison, Temple University; Nora Newcombe, Temple University, *Individual Differences And Malleability of Spatial Skills: The Role of Working Memory In Spatial Visualization.*

8:40 Mary Hegarty, PhD*, University of California, Santa Barbara; Andrew T Stull, Department of Psychology, University of California, Santa Barbara; Harvey Smallman, Pacific Science and Engineering Group, San Diego, *Naïve cartography: How users' intuitions about map design can hurt performance.*

9:00 Ryan Burns*, San Diego State University; André Skupin, San Diego State University, *Spatializing Places, People, and Utterances - A Case Study Involving San Diego Neighborhoods.*

9:20 Sara Irina Fabrikant*, University of Zurich; Simone Garlandini, University of Zurich, *Visual Change Detection in a Blink of the Eye.*

4139. There Goes the Neighborhood? University Entrepreneurialism, the City, and Globalization, Part I (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)
ORGANIZER(S): Robert B. Ross, Syracuse University
Panelists: Robert B. Ross, Syracuse University; Patrick Vincent McGreevy, American University of Beirut; Jamey Essex, University of Windsor; Darren Paul Smith, University of Brighton; Alec Brownlow, DePaul University

4140. Neo-Gramscian Urban Theory: Prospects, Proposals, and Provocations for Gramscian Approaches to the City (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Panel Session)
ORGANIZER(S): Ted Rutland, University of British Columbia
Panelists: Ted Rutland, University of British Columbia; Andrew Jonas; Katherine M. Johnson, University of Northern Colorado; Kanishka Goonewardena, University of Toronto; Jamie Peck, University of British Columbia

4143. China Geography, Social Theory and Area Studies: Critical Strategies (Sponsored by China Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Carolyn Cartier, University of Southern California; Tim Oakes, University of Colorado
CHAIR(S): Tim Oakes, University of Colorado
8:00 Carolyn Cartier*, University of Southern California, *China Geography, Area Studies and the China Phenomenon: Issues, Ethics and the New Patriarchies of Globalization.*
8:20 Tim Oakes*, University of Colorado, *The pure and the sullied: rethinking China's frontiers as translocal spaces - Implications for a critical area studies and China geography.*
Discussant(s): Richard A. Walker, University of California-Berkeley

4144. Water, Power, and Politics in South Asia I (Sponsored by Water Resources Specialty Group, Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Farhana Sultana, Syracuse University
CHAIR(S): Farhana Sultana, Syracuse University

8:00 Ivan J. Bialostosky*, University of Minnesota, *Real-estate, Recharge and the Right to Water: the Cultural Politics of Wetlands Development and Water Scarcity in Delhi, India.*

8:20 Yaffa Truelove, M.A. *, *State discourses and the politics of water inequality in Delhi, India.*

8:40 Bharat Khushal Punjabi*, University of Western Ontario, *Dry Fields and Wet Canals: The Politics of Water in the Mumbai Countryside.*

9:00 Sya Buryn Kedzior*, University of Kentucky, *Pollution Knowledge and Abatement Politics in the Central Ganges River Basin.*

9:20 Ben Crow*, University of California - Santa Cruz; Nirvikar Singh, Prof, Economics, UCSC, *Climate change, industrialization and the Himalayan rivers.*

4145. The limits of the body 1: Transformations (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Sebastian Abrahamsson, School of Geography Oxford University; Paul Simpson, University of Bristol
CHAIR(S): Paul Simpson, University of Bristol

Introducer: Paul Simpson

Introducer: Sebastian Abrahamsson

8:10 Sebastian Abrahamsson*, School of Geography Oxford University, *The Body Exfoliated: Multiplying And Referencing In The X-ray Archive.*

8:30 Maria Fannin*, University of Bristol, *Tissue Banking: The Body Outside Itself.*

8:50 Matthew W. Wilson*, University of Washington, *'Training the Eye': producing cartographic vision and data-based bodies.*

9:10 Elisabeth Roberts, BA (hons) MSc*, University of Exeter, *Body and Self: The always-otherness of the image.*

4146. Treeline Ecotones I: Geomorphology and Soils (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): David R. Butler, Texas State University - San Marcos

CHAIR(S): David R. Butler, Texas State University - San Marcos

8:00 Lynn M. Resler*, Virginia Tech; Mark A. Fonstad, Texas State University, *Modeling vegetation-climate-soil connections (and disconnections) at alpine treeline.*

8:20 David R. Butler*, Texas State University - San Marcos; William D. Butler, Department of Geography, Texas State University-San Marcos, *Potential Effects of Gopher Disturbances on Seedling Establishment Sites at Alpine Treeline, Culebra Range, Sangre de Cristo Mountains, Colorado.*

8:40 Clayton J. Whitesides*, Texas State University - San Marcos; David R. Butler, Texas State University - San Marcos, *The Influence of Olympic Marmots on Alpine Treeline.*

9:00 Carol F. Sawyer*, University of South Alabama; David R. Butler, Texas State University-San Marcos, *Rates of Frost Heaving in a Periglacial Environment: Factors Influencing Movement and Considerations for Seedling Growth at the Alpine Treeline.*

Discussant(s): Daniel J. Weiss, University of North Carolina

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ORGANIZER(S): Darren M. Scott, McMaster University

CHAIR(S): Darren M. Scott, McMaster University

8:00 Hyun Kim*, University of South Florida, *Network Reliability of Public Transportation Systems: A Case Study of Korean Subway Networks.***8:20** David Dawson*, University of Plymouth, *The impact of future sea-level rise on critical transport infrastructure: the case of the London-Penzance railway line in southwest England.***8:40** Joe Weber*, University of Alabama, *The growth and transformation of American urban freeway networks, 1955-2005.***4148. Climate Change and Emissions***Room:* North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christopher Neigh, NASA GSFC - SSAI

8:00 Barbara Haya*, University of California at Berkeley, *Measuring emissions against an alternative future: the fundamental flaw with the Kyoto Protocol's Clean Development Mechanism (CDM).***8:20** shabnam - Delfan Azari, shabnam Delfan Azari*, PhD research student; -, *Carbon management and scenario planning at the landscape scale with GIS system.***8:40** Sandra Kling*, University of South Florida, *Comparative Analysis of Greenhouse Gas Accounting Protocols in the United States.***9:00** Yuyu Zhou*, Purdue University; Kevin Robert Gurney, Purdue University, *Fossil Fuel Carbon Dioxide Emission Quantification at the Census Block Group Level and Hourly Scale.***9:20** Christopher Neigh*, NASA GSFC, SSAI; Comptin J Tucker, NASA GSFC; Jenny J Williams, NASA GSFC, SSAI, *Has climate change in North America induced regional browning of vegetation, or have humans had a direct influence?.***4149. Globalization and the urban environment***Room:* North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jason Jun-Jei Nu, Hunter College, CUNY;

Peter Marcotullio

CHAIR(S): Jason Jun-Jei Nu, Hunter College, CUNY

8:00 Jason Jun-Jei Nu*, Hunter College, CUNY, *From Kockums Crane to Turning Torso: Prestige projects, starchitects and strategies of urban imagemaking in the Oresund Region.***8:20** Peter Marcotullio*, Hunter College; Tatiana Gadda, United Nations University; Alexandros Gasparatos, United Nations University, *Livestock production, meat consumption and environmental impacts: Comparisons between New York and Tokyo.***8:40** Adelle Thomas*, Rutgers University; Mark Barnes*, Rutgers, The State University of New Jersey, *Industries: Climate Change Vulnerabilities, Adaptive Capacities, and Inequalities.***9:00** William D. Solecki*, City University of New York - Hunter College; Robin M. Leichenko, Rutgers University, *Dynamic Vulnerability and Urban Coastal Zones in a Time of Climate Change.***4150. Population geography: exploring patterns (Sponsored by Population Specialty Group)***Room:* North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Max Lu, Kansas State University

CHAIR(S): Max Lu, Kansas State University

8:00 Paul J. Mackun*, U.S. Bureau of the Census, *Metropolitan and Micropolitan Statistical Areas: Current Standards and Plans for 2010.***8:20** David W Wong*, George Mason University; Shih-Lung Shaw, University of Tennessee, *Measuring Segregation: Going Beyond the Residential Space and Ecological Approach?.***8:40** Matt Townley*, University of Washington, *Bleeding red: Who bears the cost of the Iraq war?.***9:00** Max Lu*, Kansas State University, *Red states vs blue states: Is there a culture divide in the United States?.***4151. Evolution of Professional Geography in India (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)***Room:* North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Vatsal Bhatt, Brookhaven National Laboratory; Chandana Mitra, University of Georgia

CHAIR(S): Vatsal Bhatt, Brookhaven National Laboratory

8:00 Annapurna Shaw*, Indian Institute of Management, *Metropolitan governance and inequality in India.***8:20** Satish Kumar*, *Regional Incidence of Urban Poverty in India: 'White Tiger' and Beyond.***8:40** Nagaraj Kapil Kanala*, Nagaraj Kapil Kanala, Missouri State University; Jun Luo, Assistant Professor, Missouri State University, *Emerging Geography of Real Estate in India.***9:00** Suparna Das*, Department of Geography, University of Utah; Thomas M Kontuly, Professor, Department of Geography, University of Utah, *Assessing the Impact of Economic Liberalization on the Growth, Development and Spatial Distribution of Urban Unorganized Manufacturing Sector in India.***9:20** Baleshwar Thakur, Dr.*, University of Delhi, *Application and Reformulation of Multiple Nuclei Theory: The case of Indian Cities.***4152. Teaching Geography 1: Youth***Room:* North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rosann Poltrone, Arapahoe Community College

8:00 Eileen Van Der Flier-Keller, Dr*, University of Victoria, *Approaches for fostering Earth science teaching in schools; hands-on activities, classroom resources, and teacher professional development and training.***8:20** Jessica S Winans*, Michigan State University, *The Teaching of Place: Geography Education at the Elementary Level in Michigan.***8:40** Suleyman Incekara*, Fatih University; Mehmet Karakuyu, Fatih University, *GIS in the 2005 Curriculum of Turkey and Related Textbooks: Is GIS Enhancing Geography Teaching and Learning in Secondary School Geography?.***9:00** Ali Demirci*, Fatih University, Department of Geography, Turkey; Ahmet Karaburun, Fatih University, Department of Geography, Turkey, *How to Make GIS a Common Educational Tool at Schools: Potentials and Implications of "GIS for Teacher Book and Website" for Geography Education in Turkey.***9:20** Rosann T. Poltrone, MA*, Arapahoe Community College, *Teaching the Teacher: how do we assess gains in knowledge and skills for secondary geography teachers?.*

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- 4153. Applied geospatial technologies for sustainable development and preservation in coastal zones (Sponsored by Recreation, Tourism, and Sport Specialty Group, Coastal and Marine Specialty Group)**
Room: North Hall N114, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): ByungYun Yang, University of Georgia
 CHAIR(S): ByungYun Yang, University of Georgia
8:00 Dona J. Stewart*, Georgia State University; Zhi-Yong Yin, University of San Diego, *Coastal Tourism Development in Hurghada, Egypt: Current Assessment and Development of a Monitoring System*.
8:20 Jinwon Kim*, Michigan State University; Sarah Nicholls, Michigan State University; Byeongkug Yoon, Kyunghee Cyber University, *Tourism Development and Environmental Change in the Coastal Zone: A Case Study of Kkotji, South Korea*.
8:40 Byungyun Yang*, University of Georgia; Madden Marguerite, University of Georgia, *Automated Extraction of Developed and Un-developed Features from VHR Satellite Imagery: Balancing Coastal Development and Conservation*.
- 4154. Past, Present, and Future of Frozen Ground Environments I (Sponsored by Cryosphere Specialty Group)**
Room: North Hall N115, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Nikolay Shiklomanov, University of Delaware
 CHAIR(S): Nikolay Shiklomanov, University of Delaware
8:00 Jerry Brown*, International Permafrost Association, *The Ninth International Conference on Permafrost*.
8:20 Tingjun Zhang*, University of Colorado; Richard Armstrong, National Snow and Ice Data Center, University of Colorado at Boulder; Oliver Frauenfeld, National Snow and Ice Data Center, University of Colorado at Boulder; Kevin Schaefer, National Snow and Ice Data Center, University of Colorado at Boulder; Roger Barry, National Snow and Ice Data Center, University of Colorado at Boulder, *Spatial and Temporal Variations of Seasonally Frozen Ground and Their Potential Impacts on Carbon Exchange*.
8:40 Oliver W. Frauenfeld, PhD.*, University of Colorado, CIRES/NSIDC; Tingjun Zhang, PhD., University of Colorado, CIRES/NSIDC, *Relationship between Synoptic-Scale Atmospheric Variability and Frozen Ground in the Russian High Latitudes*.
9:00 Dmitry A. Streletskiy*, Dept. of Geography, Center for Climatic Research, University of Delaware, Newark, USA; Kevin R Wood, Joint Institute for the Study of the Atmosphere and Ocean, University of Washington, Seattle, USA; Nikolay I. Shiklomanov, Dept. of Geography, Center for Climatic Research, University of Delaware, Newark, USA; Jerry Brown, International Permafrost Association, P.O. Box 7, Woods Hole, MA, USA, *Analysis of Ground Temperature Obtained during the First International Polar Year, 1882-1883*.
9:20 Marina O. Leibman, Dr.*, Earth Cryosphere Institute, Russian Academy of Sciences, Siberian Branch; Artem V. Khomutov, Earth Cryosphere Institute, Russian Academy of Sciences, Siberian Branch; Anatoly A. Gubarkov, Earth Cryosphere Institute, Russian Academy of Sciences, Siberian Branch, *Environmental controls of the thaw depth and rate of thaw under climate fluctuations*.
- 4155. Politics of Natural Resources**
Room: North Hall N116, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jarmo Kortelainen, University of Joensuu
8:00 Victor Lorentz*, University of Victoria, *Ecological Services as Ecological Commodities in the Canadian Boreal Forest*.
8:20 Julie M. Carey*, Oklahoma State University, Department of Geography, *Stopping the Spread: Examining the Effectiveness of Policies in the Mississippi River Basin Aimed at Preventing the Spread of Zebra Mussels*.
8:40 Jarmo Kortelainen*, University of Joensuu, *Fluidity and constancy of territorial spaces: formation and disappearance of old-growth forests*.
- 4156. Media Geography VII: The Virgin Appears in La Maldita Vecindad: A Documentary Film (Sponsored by Indigenous Peoples Specialty Group, Communication Geography Specialty Group, Latin America Specialty Group)**
Room: North Hall N117, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): James Craine, California State University Northridge; Joseph Palis, University of North Carolina at Chapel Hill
 CHAIR(S): Gabriela Valdivia, University of North Carolina, Chapel Hill
 Panelists: Monica W. Varsanyi, John Jay College, City University of New York; Matthew J. Reilly, University of North Carolina - Chapel Hill; Victoria A. Lawson, University of Washington; Jamie Winders, Syracuse University; Robert Yarbrough, Georgia Southern University; Altha J. Cravey, University of North Carolina
- 4157. The Changing Landscape of American Agriculture, Forestry and Foodstuffs**
Room: North Hall N118, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Matthew Fockler, Montana State University
8:00 John E Harmon*, Central Connecticut State University, *From "Blue Cadillac" to "Blue Coffin": The Rise and Fall of the Harvestore Silo*.
8:20 Jeremy Fisher*, *Improving the Soil and Mind: The Geographies of "The Cultivator"*.
8:40 Alexander R Tarr*, UC Berkeley Geography, *Hog Farms to Hollywood: An exploration of Los Angeles's forgotten agricultural roots*.
9:00 Brian Epstein*, University of New Orleans, *Requiem for a Fish: The Rise and Fall of the Atlantic Cod Fishery and Its Role in World History*.
9:20 Matthew Fockler*, Montana State University, *The Value of Nature: Examining the Perspectives of National Forest Creation*.

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4158. **Creating and capturing demand in the knowledge economy: Marketing products and producing markets I (Sponsored by Economic Geography Specialty Group)**

Room: North Hall N119, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Josephine Rekers, University of Toronto; Brian Hrac, University of Toronto

CHAIR(S): Josephine Rekers, University of Toronto

8:00 Atle Hauge*, Eastern Norway Research Institute, *Reading the black box - the user's role in innovation, production and marketing.*

8:20 Doreen Jakob*, Humboldt University Berlin, *Festivalization and eventification: Creating demand, selling creative products and re-imagining urban space.*

8:40 Shauna Brail*, University of Toronto; Deborah Leslie, University of Toronto, *Fashion's endurance as a cultural industry in Toronto: Attracting consumers in an age of globalization and fast fashion.*

9:00 Brian J. Hrac*, University of Toronto, *The New Market for Music: Competing against free MP3s with new exclusive and locally rooted music products.*

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4201. **Middle East**

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Benjamin N. Smith, Florida International University
10:10 Gary Fields*, University of California - San Diego, *Landscapes of Power: Enclosure and the Palestinian Geography.*

10:30 Vahid Riahi*, *A Study of Geographic Divisions of Islamic Lands from the Beginning to the Contemporary Period.*

10:50 David Jones Marshall*, University of Kentucky, *The Nature of a Global City: Commoditization, Sanitation and Segregation in the City of Dubai.*

11:10 Wesley Llewellyn Attewell, M.A. in Geography*, The University of British Columbia, Department of Geography, *Wandering the Streets of "Baghdad": Space, Representation, and the Colonial Present.*

11:30 Benjamin N. Smith*, Florida International University, *Building Hope in Dubai.*

4202. **Geographies of Closed Doors II: Encountering Policing, Borders, and Surveillance in Research (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Panel Session)
ORGANIZER(S): Lauren Martin, University of Kentucky; Stephanie J Simon, University of Kentucky
CHAIR(S): Oliver Christian Belcher, University of British Columbia

Panelists: Jacqueline A. Housel, SUNY at Buffalo; Nathan Lee Clough, University of Minnesota; Lauren Martin, University of Kentucky; Steve Smith, Missouri Southern State University; Andrew David Burridge, University of Southern California; Juanita Sundberg, University of British Columbia

4203. **Applied Geography, Spatial Analysis and Modeling, and Cartography**

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)
ORGANIZER(S): Program Committee

Alan Halter*, Texas Christian University; Clayton Capstick*, Texas Christian University, *Modern Streetcar System for Fort Worth, Texas.*

Mark R. Steele, M.A.*, University of Nebraska - Lincoln; Gaylia Ostermeier, PhD., John Deere AMS; Jill Stanford, M.A., John Deere AMS; Brad Van De Woestyne, PhD., John Deere AMS, *Effects of Row Orientation and Low Solar Geometry on Multispectral Soybean Imagery.*

John D. Waldron*, University of West Florida; Kirby Locklear, University of West Florida, *Park Access Equity in Fort Walton Beach, FL.*

Jenner Alpern*, Clark University HERO program, *Operationalizing an Object-Oriented Approach to Identifying Suburban Land Cover Using High-Resolution Imagery Over a Large Study Area.*

Amy Graham*, Oklahoma State University, *Mapping the Spatial Dimensions of Poverty in Oklahoma Using Geographically Weighted Regression.*

Yilan Liao*, Institute of Geographical Sciences and Nature Resources Research, CAS; Jinfeng Wang, Institute of Geographical Sciences and Nature Resources Research, Chinese Academy of Sciences; Chengsheng Jiang, Institute of Geographical Sciences and Nature Resources Research, Chinese Academy of Sciences; Yaoqin Guo, Institute of Geographical Sciences and Nature Resources Research, Chinese Academy of Sciences; Xiaoying Zheng, Institute of Population Research, Peking University, *The role of coal mines in human neural tube defects in Heshun, China (1998-2005): assessment using geographic information system.*

Suzanne P. Wechsler, PhD.*, California State Long Beach, *Accuracy versus Shape: An assessment of LiDAR interpolations.*

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- Miao Yu*, Second Institute of Oceanography, State Oceanic Administration, Hangzhou, China.; Junhua Teng, Second Institute of Oceanography, State Oceanic Administration, Hangzhou, China.; Meixian Sun, Second Institute of Oceanography, State Oceanic Administration, Hangzhou, China.; Xiaojuan Li, The Key Lab of Resource Environment and GIS of Beijing, Capital Normal University, Beijing, China; Xiaoqiang Wei, The Key Lab of Resource Environment and GIS of Beijing, Capital Normal University, Beijing, China, *The Application of Exploratory Spatial Data Analysis In Countryside Economic Statistics Based on ActiveX*.
- Robert J Legg, PhD*, Northern Michigan University; Tia Bowe, Northern Michigan University, *Housing patterns in small town America: an exploration of spatial analysis methods (Case study involving Marquette Michigan)*.
- E. Jamie Trammell*, Department of Geography, University of Nevada, Reno and Division of Earth and Ecosystem Sciences, Desert Research Institute; Dakota Casserly, Department of Geography, University of Nevada, Reno and Division of Earth and Ecosystem Sciences, Desert Research Institute; Scott D. Bassett, Department of Geography, University of Nevada, Reno; David A. Mouat, Division of Earth and Ecosystem Sciences, Desert Research Institute; Cornelia Barth, Division of Hydrologic Sciences, Desert Research Institute; P. Shane Cleary, Department of Geography, University of Nevada, Reno; Graham Dollarhide, Department of Geography, University of Nevada, Reno; Abbey K. Grimmer, Department of Geography, University of Nevada, Reno and Division of Earth and Ecosystem Sciences, Desert Research Institute; Pablo Marin, Department of Geography, University of Nevada, Reno; JoEllen Ross-Hauer, Department of Geography, University of Nevada, Reno; Brandon Sendall, Department of Geography, University of Nevada, Reno; Marco Velotta, Department of Geography, University of Nevada, Reno, *A Scenario-based Urban Growth Study in the Greater Las Vegas Area*.
- John Joseph Sulik, MS*, Florida State University, *Spatial Analysis of Violent Conflict*.
- Lisa Courtney*, University of Guelph; Aaron A Berg, PhD, University of Guelph, *Evaluation of process controls on soil water content variability*.
- Jeffrey S. Torguson*, St Cloud State; Thomas W Hodler*, University of Georgia, *Maps and Graphics in the Sixth Edition of Cartography: Thematic Map Design*.
- Matthew T Patton*, Central Michigan University, *NCAA Division II Baseball Recruiting Areas 2003-2007*.
- Richard Deal*, Edinboro University of Pennsylvania, *The Historical Development of the Brewing Industry in Erie, Pennsylvania*.
- James E. Burt*, University of Wisconsin - Madison; Jeremy White, University of Wisconsin-Madison; Greg Allord, United States Geological Survey; A-Xing Zhu, University of Wisconsin-Madison, *Automated Georeferencing of Scanned Historical USGS Quadrangles*.
- John Clark Archer*, University of Nebraska; Stephen J Lavin, University of Nebraska--Lincoln; Fred M Shelley, University of Oklahoma, *Towards an Atlas of the Great Plains*.
- Mamadou Coulibaly*, University of Wisconsin Oshkosh; Kazimierz J Zaniewski, University of Wisconsin Oshkosh, *Thematic Mapping with Cartes et Données*.
- Tshering Tobgay*, University North Carolina Greensboro; L Joe Morgan, PhD, University of North Carolina at Greensboro; Mayur A Gosai, University of North Carolina at Greensboro; Leanne Sulewski, University of North Carolina at Greensboro, *Detecting land use change and assessing population growth from 1990 to 2004 in Thimphu, Bhutan using various satellite imagery*.
- Kalli Fullerton*, Texas Christian University; Jessica C Youngblood*, Texas Christian University, *Where Stands the Red and Blue: A Locational Analysis for a Joint Fire-Police Training Academy in Fort Worth, Texas*.
- Matthew Connolly*, Texas State University-San Marcos, *Mapping the residential carbon footprint of Austin, Texas*.
- Katie Lynn Gerber*, Minnesota State University, Mankato; Kelsey Lynn Erickson, Minnesota State University, Mankato, *Monitoring Invasive Species in Minneopa State Park, Minnesota, Using Remote Sensing and GIS*.
- Peter K Kimosop*, University of Cincinnati, *Examining the effects of water diversion programs on local communities*.
- Kimberly Rohrs*, Penn State University, *Effect of Elevation Datasets on Hurricane Storm Surge Inundation Mapping in the Florida Keys*.
- Kellyn Paige Montgomery*, Virginia Tech; Maria Elisa Christie, PhD, Virginia Tech; Lawrence S. Grossman, PhD, Virginia Tech; James B. Campbell, PhD, Virginia Tech, *Mapping gendered spaces and distances associated with IPM adoption by tomato growers in Uganda*.
- Vanessa Cruz Inoa*, Binghamton University, *Human Dimensions of Warning Respond: Case of San Juan, Puerto Rico*.
- Douglas Batson*, U.S. Board on Geographic Names, *Land Administration and Post-Conflict Reconstruction and Stability*.
- William D Meyer, M.L.A.*, Engineering Research and Development Center ERDC/CERL; Luc Anselin, PhD, Arizona State University; Dr. Lucy A. Whalley, PhD, Anthropologist, Engineering Research and Development Center ERDC/CERL; Dr. David A. Krooks, PhD, Linguist, Engineering Research and Development Center ERDC/CERL; Gianfranco Piras, PhD, Arizona State University; Luis A. Galvis, MS, University of Illinois, *Utilizing Local Indicators of Spatial Association (LISA) and Socio-Cultural Content Analysis of News Media to detect patterns in violent events*.
- Jeremy Wimpey*, Virginia Tech, *Monitoring Trampling Impacts on a Mountain Summit with Ground-based Digital Photography and Image Processing*.
- Robert M. Edsall*, University of Minnesota, *Active learning strategies for introductory GIS courses*.

4204. The Gender, Place and Culture Jan Monk Distinguished Lecture

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Sarah A Moore, University of Arizona

CHAIR(S): Sarah A Moore, University of Arizona

Introducer: Deborah Dixon

10:15 Susan Hanson*, Clark University, *Gender and mobility*.

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4205. Meet the Editors of the Annals and the Professional Geographer

Room: *Grande Ballroom H, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Marie D. Price, George Washington University
 CHAIR(S): Marie D. Price, George Washington University
 Introducer: Marie D. Price
 Panelists: Peter O. Muller, University of Miami; Sharmistha Bagchi-Sen, SUNY-Buffalo; Karl S. Zimmerer, Penn State University; Mei-Po Kwan, Ohio State University; Richard J. Aspinall, Macaulay Institute; Audrey L. Kobayashi, Queen's University

4206. Where is Urban Politics? II (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: *Royale Pavilion 1, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Scott Rodgers, Open University; Allan Cochrane, Open University
 CHAIR(S): Allan Cochrane, Open University
10:10 Scott Rodgers*, Open University; Clive Barnett, Open University; Allan Cochrane, Open University, *Mediating urban politics.*
10:30 Edward Soja*, UCLA, *Seeking Spatial Justice and Regional Rights to the City.*
10:50 Douglas Young*, York University; Roger Keil, York University, *Seeking the Urban In-Between: Tracking the urban politics of infrastructure in Toronto.*
11:10 Sarah Neal, Dr*, Open University, *Strange Towns: rurality, place, counter culture and the transition towns movement.*
11:30 Ryan Centner*, Tufts University, *Citizens of 'Another World': Urban Belonging and Latin America's Various Left Turns.*

4207. Transportation and Spatial Analysis

Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Changjoo Kim, University of Cincinnati
10:10 Frederick Stutz, PhD*, San Diego State University, *Spatio-Temporal-VALUE Analysis of Travels Daily Activities.*
10:30 Greg A. Rybarczyk*, University of Wisconsin-Milwaukee; Changshan Wu, Assistant Professor, University of Wisconsin-Milwaukee, *Quantifying the Human Perception of Bicycle Travel.*
10:50 Keumsook Lee*, Keumsook Lee, Department of Geography, Sungshin Women's University; Yena Song, Boston University, *Time-Space Analysis for the Hub and Cluster Structures of Transit Passenger Flows in the Metropolitan Seoul.*
11:10 Changjoo Kim*, University of Cincinnati; Yongwan Chun, University of Texas at Dallas, *An Examination of Network Autocorrelation on Urban Traffic Volume.*
11:30 Eric M. Delmelle*, UNC-Charlotte, *GIS-Based Spatial Analysis of Transportation Modal Choices in a Small, University Community.*

4209. What is an NSF GK-12 Grant and How Would Getting One Help Me and My Department? (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Geography Education Specialty Group)

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Sally P. Horn, University of Tennessee
 CHAIR(S): Sally P. Horn, University of Tennessee
 Panelists: Jon Harbor, Purdue University; Sarah Witham Bednarz, Texas A&M University; Sally P. Horn, University of Tennessee; Sandra Metoyer, Texas A&M University; Zachary P. Taylor, University of Tennessee; Matthew Valente, University of Tennessee Department of Geography

4212. Historic aspects of military geography (Sponsored by Historical Geography Specialty Group, Military Geography Specialty Group)

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Joseph P. Hupy, UW - Eau Claire
 CHAIR(S): Joseph P. Hupy, UW - Eau Claire
10:10 Joseph P. Hupy*, UW - Eau Claire, *Using GIS to construct a people's history of the siege at Khe Sanh.*
10:30 Mary M. Graham*, York College of Pennsylvania; Richard D. Stone, John L. Grove College of Business Shippensburg University, *Forgotten Battlefields of the Vicksburg Campaign: Milliken's Bend, Champion Hill, and Big Black River Bridge.*
10:50 Matthew P Cuvillo*, United States Military Academy, *Production of Geographical Knowledge during World War II.*

4213. Native Lands, Climate Change and Environmental Issues (Sponsored by Indigenous Peoples Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): RDK Herman, National Museum of the American Indian
 CHAIR(S): Sarah F. Trainor, University of Alaska - Fairbanks
10:10 YundanNima YundanNima*, University of Colorado at Boulder, *"Gray Grass Is Gone While Green Grass Has Not Come Back Yet" : Grassland Degradation Discourses and Tibetan Herders' Perceptions of Changes in Grassland Conditions.*
10:30 Kenneth R. Young*, University of Texas at Austin, *Climate Change and Indigenous Livelihoods: Examples from Peru.*
10:50 Julianne Hazlewood, PhD Candidate*, University of Kentucky, *CO2lonialist Commoditization of Climate Change, African Oil Palm Plantation Expansion, and Geographies of Hope in the Ecuadorian Chocó Region.*
11:10 Jeremy Baron Pittman*, University of Regina, *The Vulnerability of the James Smith and Shoal Lake First Nations to Climate Change and Variability.*
11:30 Mary Finley-Brook*, University of Richmond, *Latin American Carbon Finance.*

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4214. Environment and Health: Lessons Learned from Disease Prevention and Intervention Programs in Africa II (Sponsored by Africa Specialty Group)

Room: Capri 101, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Isaac N. Luginaah, University of Western Ontario; Florence Margai, Binghamton University, SUNY

CHAIR(S): Joseph R. Oppong, University of North Texas

10:10 Rachel Bezner-Kerr, PhD, \University of Western Ontario; Lizzie Shumba, SFHC Project, Ekwendeni Hospital; Christine Lynn Bonatsos, MA Candidate*, University of Western Ontario; Peter Berti, PhD, Nutrition Advisor/Deputy Director, Healthbridge, *Farming for health: participatory nutrition and agricultural interventions to improve child nutrition in northern Malawi.*

10:30 Raymond Asare Tutu*, The Pennsylvania State University; Edmund Ameyaw, Ghana Health Services, *Spatial and Demographic Differentials in Caesarean Rates in Ghana: Evidence from the Demographic and Health Survey.*

10:50 Joseph Mensah*, York University; Joseph R. Oppong, Professor, University of North Texas, *Ghana's National Health Insurance Scheme and the Health MDGs: An Empirical Evaluation with Propensity Score Matching.*

11:10 Joseph R. Oppong*, University of North Texas; Joseph Mensah, York University, Toronto, *Maternity Protection and Health Insurance in Ghana, Kenya, Rwanda, and Tanzania.*

4216. Human Geography

Room: Capri 103, Riviera Hotel, 1st Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Charles W. Abbott, University of Iowa

10:10 Vanessa Slinger-Friedman*, Kennesaw State University, *Destination Development: Understanding Site Selection Criteria for Philanthropic Travel.*

10:15 Elizabeth A Halpenny, PhD*, University of Alberta, *Wedding tourism in the Rocky Mountain parks: Place identity as a travel motivator.*

10:20 Daniel L. Barbato*, SUNY Geneseo, *The Blue Line Defined: Regional Identity and Sense of Place in New York's Adirondack Park.*

10:25 Charles W. Abbott*, Independent Scholar, *"I need your respond." The geographic imaginaries of [Nigerian?] advance fee fraud emails or 419.*

10:30 Lauren Phillips*, UNC-Greensboro, *Examining Historic Land-use at the Summers Plantation: A Geographical and Archaeological Landscape Approach.*

10:35 Peter R. Galvin, PhD*, Indiana University Southeast; Lucinda E. Woodward, PhD., Department of Psychology, Ball State University, *Psychological disarmament and geographical resettlement of Liberian former child-soldier refugees in Ghana.*

10:40 William Rawson Bredemeyer*, San Diego State University; Pascale Joassart-Marcelli, PhD, San Diego State University, *Immigrant Ethnic Enclaves and Poverty in the Boston Area.*

10:45 Amber M. Stumpf*, California State University, Fullerton; Jason K. Blackburn, PhD, California State University, Fullerton, *Perceptions of Dialect Areas of the US.*

10:50 Paloma Carton de Grammont Lara*, Centro de Investigaciones en Geografía Ambiental, Universidad Nacional Autónoma de México; Gerardo Bocco, Centro de Investigaciones en Geografía Ambiental, Universidad Nacional Autónoma de México; Antoinette WinklerPrins, Department of Geography, Michigan State University; Ana Córdova y Vázquez, Instituto Nacional de Ecología, SEMARNAT, *A conceptual framework of the geographic dimension of environmental policies for biodiversity conservation: A review.*

10:55 Charles Bryant Kline, Undergraduate*, University of Richmond Undergraduate Student and Geography Intern, *Climate Change Education and Awareness and the UNFCCC in Costa Rica and Nicaragua.*

11:00 Richard Earl, Ph D, Texas State University - San Marcos; Mindy M Conyers*, Texas State University; Jacob Maas, Texas State University - San Marcos; Beth Doege, Miller Junior High School; Isabel Gomez, Miller Junior High School, *Project Flowing Waters: A National Science Foundation (NSF) Graduate Teaching Fellows in K-12 Education (GK-12) Program.*

11:05 Kristen Winter*, University of Wisconsin-Parkside; John V. Ward, PhD., University of Wisconsin-Parkside, *Integrating Geospatial Tools in Secondary Education Curriculum: A High School Case Study in Southeastern Wisconsin.*

4217. Topics in Economic, Social and Political Geography

Room: Capri 104, Riviera Hotel, 1st Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kim Ward, University of Exeter

10:10 Carolyn Doherty*, University of Richmond Geography Program, *Analysis of climate change mitigation programs in the Caribbean region.*

10:15 Megan Holroyd*, University of Kansas, *A Case of Migration: Dodoma, Tanzania.*

10:20 Maike Brammer*, *Temporary Use and Creative Economy in Berlin - Making the Most of Resources.*

10:25 Bobby M. Wilson*, University of Alabama, *Consumption and the 2008 Financial Crisis.*

10:30 Arup K Sen*, D'Youville College, *Outsourcing Patterns of U.S. Firms in the Biopharmaceutical Industry.*

10:35 Angela Maria Andrade*, U.S. Census Bureau, *"Las Nuevas Ciudades de America": A Case Study on the Socio-Cultural Impact of the Latino Community in East Baltimore.*

10:40 Kim Ward*, University of Exeter, *Social Exclusion, Housing and Building Sustainable Communities.*

4218. Public Sector Geographic Data: Products and Applications

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Rachel S Franklin, Association of American Geographers

CHAIR(S): Rachel S Franklin, Association of American Geographers

10:10 Sabine Henning*, United Nations, *Demographic Data from the United Nations.*

10:30 Mark Brown*, Statistics Canada, *Geographical Data and Research at Statistics Canada.*

10:50 Leiwen Jiang*, Population Action International and Brown University, *Urbanization, Energy Consumption and Climate Change.*

11:10 Marc J. Perry*, U.S. Bureau Of the Census, *Public Sector Geographic Data: Products and Applications.*

Discussant(s): Frank Swiaczny, Federal Institute for Population Research, Germany

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4219. Circulating Stillness: investigating lived mobilities (Sponsored by Cultural Geography Specialty Group)

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Ariel Terranova-Webb, The Open University; Shannon Hensley, University of Exeter
CHAIR(S): Shannon Hensley, University of Exeter
10:10 Malene Freudendal-Pedersen*, *In-betweens in mobilities*.
10:30 Tim Schwanen*, Utrecht University; Charlot Teng, Utrecht University, *Discussing, performing and sensing the rhythms of juggling of paid labor and domestic responsibilities*.
10:50 Ariel Terranova-Webb*, The Open University, *Performing mobility: understanding mobility as stability in an American circus*.
11:10 Francis Leo Collins, PhD*, National University of Singapore, *Mobility, Race and Class: inside the political economy of labour mobility into Seoul, South Korea*.
Discussant(s): Nicholas Gill, Lancaster University

4220. The making of urban fringe economies (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Capri 107, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Kevin Ward, University of Manchester; David Wilson, University of Illinois
CHAIR(S): David Wilson, University of Illinois
10:10 Steven M. Graves*, California State University, Northridge, *Payday Lender's Site Location Dynamics and the Myth of Competition*.
10:30 Justin Ngan*, University of Toronto; Katharine Rankin, University of Toronto, *Spatial justice and the crisis of financial citizenship*.
10:50 Vincent Pattison, Dr*, Brooks World Poverty Institute, *When ends don't meet: The role of credit shops in the lives of Manchester's working poor*.
11:10 James DeFilippis*, Rutgers University; Nina Martin, University of North Carolina at Chapel Hill, *On The Characteristics and Organization of Unregulated Work in American Cities*.
Discussant(s): Kevin Ward, University of Manchester

4224. Educating the cosmopolitan national: Negotiating memory and conflict in making democratic citizens (Sponsored by Political Geography Specialty Group)

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Daniel Hammett
CHAIR(S): Daniel Hammett
10:10 Myriam Houssay-Holzschuch*, University of Lyon, ENS LSH, *Living together in post-apartheid Cape Town? Nation-building in the times of globalization*.
10:30 Ranu Basu*, York University, *Spaces of Sub/urban/altern Cosmopolitanism - Creating 'Multilingual Geographies' of Resistance*.
10:50 Daniel Hammett*, University of Witwatersrand; University of Edinburgh, *Contesting the Construction of the 'Good' South African Citizen*.
11:10 Lynn A. Staeheli*, University of Edinburgh, *New National Stories? New Citizens? Citizenship Education, Conflict and Memory*.

4225. Metadata and Knowledge Sharing (Sponsored by Cyberinfrastructure Specialty Group)

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Robert Raskin, Jet Propulsion Lab
CHAIR(S): Harold Moellering, Ohio State University
10:10 Sharon S Shin, Federal Geographic Data Committee*, United States Geological Survey; Raphael Sussman, Program Manager, Land Information Ontario (Canada), *The North American Metadata Profile and You*.
10:30 Deana D. Pennington, PhD*, University of New Mexico, *Creative collaboration between scientists and technology experts: Integrating conceptual spaces and constructing collaborative places*.
10:50 Brandon Whitehead*, University of Auckland, *Sharing research experiences as a knowledge collection*.
11:10 Harold Moellering*, Ohio State University, *An Examination of the Completed North American Profile for Spatial Metadata*.
11:30 Robert Raskin*, Jet Propulsion Lab, *The Knowledge Component of Cyberinfrastructure*.

4226. Views from the Margins of Eurasian States (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Panel Session)
ORGANIZER(S): Megan Dixon, University of Oregon; Jessica K. Graybill, Colgate University
Introducer: Megan Dixon
Panelists: Beth Mitchneck, University of Arizona; Tamar Mayer, Colgate University; Jessica K. Graybill, Colgate University; Alexander C. Diener, Pepperdine University; Chad Staddon, University of the West of England

4227. Teaching International Perspectives on Geographic Issues (Sponsored by International Network for Learning and Teaching Geography in Higher Education, Geography Education Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Michael N. Solem, Association of American Geographers
CHAIR(S): Michael N. Solem, Association of American Geographers
Introducer: Michael N. Solem
10:15 Colin Arrowsmith, PhD*, RMIT University; Steven Silvern, Salem State College, MA; Chew-Hung Chang, Nanyang Technological University, *Understanding Climate Change: A Global Phenomenon*.
10:25 Osvaldo A. Muniz*, Texas State University, San Marcos; Wei Li*, Arizona State University, *International Migration in a Globalized World*.
10:35 Phil Klein*, University of Northern Colorado, *Understanding National Identity through International Collaboration*.
10:45 David J Hayward, Dr*, The University of Auckland, *'Following the Thing' in the Global Economy*.
10:55 Kristen Conway-Gomez, PhD*, California State Polytechnic University, Pomona; Marta Kingsland, Argentina; Min Wang, PhD., China; Dongying Wei, PhD., China, *Online Collaborative Learning: Population*.
11:05 Waverly C. Ray*, Texas State University-San Marcos, *Undergraduate Student Experiences with the CGGE Modules: Pilot Study Results*.

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- 4228. GORABS Annual Lecture: theoretical shifts, global shifts and the changing geographies of religion (Sponsored by Geography of Religions and Belief Systems Specialty Group)**
Room: Capri 116, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Peter E Hopkins, Newcastle University, UK
 CHAIR(S): Edward H. Davis, Emory & Henry College
 Introducer: Peter E Hopkins
10:20 Lily Kong, National University of Singapore
- 4229. Global Health Geographies 2**
Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Alan Ingram; Susan Craddock, University of Minnesota
 CHAIR(S): Tim Brown
10:10 Tim Brown*, *Globalising health? Locating a space for charismatic leadership.*
10:30 Susan Craddock, Associate Professor*, University of Minnesota, *TB Alliances: Networked Geographies in Global Health.*
10:50 Clare Herrick*, King's College London, *"Britain, we have a problem": the global political economic challenge to "sensible" drinking.*
11:10 Nicholas B King, PhD*, McGill University, *Mapping Equity and Efficiency in Global Health.*
11:30 Matthew Sparke*, University of Washington, *Critical Geographies of Global Health Security.*
- 4230. Global Drivers of Agricultural Change II (Sponsored by Rural Geography Specialty Group, Asian Geography Specialty Group)**
Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Mary G. McDonald, University of Hawaii
 CHAIR(S): Mary G. McDonald, University of Hawaii
10:10 Christopher Bacon*, University of California, Berkeley, *Who Decides What is Fair in Fair Trade? An action research approach to connect agro-food governance with livelihood vulnerabilities in the Americas.*
10:30 Kenji K. Oshiro*, Wright State University, *International Standards and Safety Problems in Food Imports.*
10:50 Takaaki Koganezawa*, Miyagi University of Education; Yoshitaka Miyake, University of Hawaii at Manoa; Toru Sasaki, Tohoku University, *The Characteristics of Japanese Agriculture: Analyzing Agricultural Product, Labor, and Land Markets in Japan.*
11:10 Yoshitaka Miyake*, University of Hawaii, *The Manifestation of Neoliberalism: Japanese Community Agriculture as a Reaction against Neoliberal Agricultural Policy.*
11:30 Mary G. McDonald*, University of Hawaii, *The Grain of Empire: Japanese Rice Varieties in the United States.*
- 4231. Climate Specialty Group Student Paper Competition (Sponsored by Climate Specialty Group)**
Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Jill S. M. Coleman, Ball State University
 CHAIR(S): Jill S. M. Coleman, Ball State University
10:10 Jared Desrochers*, MS Student Indiana University, *Using a Standardized Snowfall Index to Improve Analysis of Snowfall Change and Teleconnection Relations.*
10:30 Andrew Augustine*, Louisiana State University, *Influences of convective activity on tropospheric ozone development in Baton Rouge, Louisiana.*
10:50 Jeanne Thibeault*, University of Connecticut; Anji Seth, PhD, University of Connecticut; Guiling Wang, PhD, University of Connecticut, *The Future of Drought in the Bolivian Altiplano: Projected Changes in Drought Severity and Relationships with Soil Moisture and Zonal Wind Anomalies.*
- 11:10** Christopher J. Crawford*, University of Minnesota, *Past and present climatic variation in the Southern Appalachian Mountains.*
- 4232. Ecosocialism or Barbarism in Extractive Industries (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Petra Tschakert, Penn State University; Patrick T. Hurley, Ursinus College
 CHAIR(S): Petra Tschakert, Penn State University
10:10 Patrick T. Hurley*, Ursinus College; Yilmaz Ari, Balikesir University, *Mining (Dis)Amenity: A political ecology of resistance to gold exploration in the Kaz Dagı Mountains of western Turkey.*
10:30 Matthew Himley*, Syracuse University, *On method and metric: The politics of assessing mining's environmental impacts in Andean Peru.*
10:50 Madoshi Laddi Makene*, Clark University; Jacque L. Emel*, Clark University, *Calling for Justice in the Goldfields of Tanzania.*
11:10 Richard A. Schroeder*, Rutgers University, *Mining Local Meanings in Maasailand: Gemstone Marketing and Corporate Responsibility in Tanzania.*
11:30 Petra Tschakert, Dr.*, Penn State University, *Tipping Points, Resilience, and Crisis in the Gold Mining Sector.*
- 4233. Controversial Feast: Engaging Domestic and International Food Production through Energy, Environmental and Developmental Perspectives (Sponsored by Energy and Environment Specialty Group)**
Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Sophia Harmes, University of Delaware
 CHAIR(S): Sophia Harmes, University of Delaware
10:10 Sophia A Harmes, PhD. Candidate*, University of Delaware, *Energy and Environment in Modern and Traditional Agriculture.*
10:30 Amy Roe, PhD. Candidate*, University of Delaware, *Energy v. Ecological Vigor.*
- 4234. Hazards, GIS, and Remote Sensing 2 (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)**
Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Tom Cova, University of Utah; Michael E. Hodgson, University of South Carolina
 CHAIR(S): Nathan Kettle, University of South Carolina
10:10 Chris Robinson*, NOAA Coastal Services Center; Keil Schmid, NOAA Coastal Services Center; Danielle Bamford, NOAA Coastal Services Center; Nate Herold, NOAA Coastal Services Center, *Evaluating the Local Impacts of Sea Level Rise on Coastal Marshes.*
10:30 Melissa Rosa*, Geography Department, San Diego State University, *Mapping of Fuel Types at the Wildland-Urban Interface for Wildfire Modeling Using Color Ortho-Image and LiDAR Data.*
10:50 Jessica D Jones*, Oak Ridge National Laboratory, *Estimating Dynamic Populations at Special Events.*
11:10 Nathan Kettle*, University of South Carolina, *Evaluating the historical development of sea level rise vulnerability models.*

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4235. Wine regions of the world (Sponsored by Wine Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Denyse Lemaire, Rowan University

CHAIR(S): Percy H. Dougherty, Kutztown University of Pennsylvania

10:10 Denyse Lemaire*, Rowan University, *Wine Production in Lombardy: Tradition and Innovation.*

10:30 Hugh J. Gayler*, Brock University, *The new wine industry and the contested countryside in Ontario, Canada.*

10:50 Dana Litwornia*, Rowan University, *The complexity of the terroir of the Burgundy region.*

11:10 Terrance Anthony*, Portland State University, *Environmental Management in the Oregon Wine Industry.*

11:30 David Richard Green*, University of Aberdeen, *Creating a Google Earth-Based Virtual Fieldtrip to a Vineyard.*

4236. Right to the City: Las Vegas

Room: Skybox 208, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Kate Driscoll Derickson; Peter Hossler, University of Georgia

10:10 Charles Johnson, Earth/matrix: Science Today

10:20 Florence Jameson, Volunteers in Medicine of Southern Nevada

10:30 Joshua Abbey, Executive Director of Desert Space Foundation

10:40 Ngai Pindell, University of Nevada - Las Vegas

10:50 Neil Smith, City University of New York

Discussant(s): Nik Theodore

4238. Cognition, Behavior, and Representation II: Navigation and perception (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Sarah Battersby; Kirk Goldsberry

CHAIR(S): Kirk Goldsberry

10:10 Carolyn Fish*, Michigan State University; Kirk Goldsberry, PhD., Michigan State University, *Quantifying the Influence of Tweening in Animated Maps.*

10:30 Sarah E Battersby*, University of South Carolina, *A user's perspective of panning and zooming tools in digital maps.*

10:50 Daniel R. Montello, PhD*, University of California, Santa Barbara, *A Cognitive Analysis of Geographic Disorientation: Was Columbus Lost?.*

11:10 Laura Carlson*, University of Notre Dame; Jared Miller, University of Notre Dame; Jeremy Hillyard, University of Notre Dame, *What features define a good landmark?.*

11:30 Alexander Klippel*, GeoVISTA Center, Department of Geography, The Pennsylvania State University, PA, USA, *Category construction of geographic scale movement patterns - Probing contextual influences.*

4239. There Goes the Neighborhood? University Entrepreneurialism, the City, and Globalization, Part II (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Robert B. Ross, Syracuse University

Panelists: Dennis Grammenos, Northeastern Illinois University; Eliot Tretter, University of Texas - Austin; Catherine Veninga; Christopher D. Merrett, Western Illinois University; Clayton Rosati, Bowling Green State University

4240. Fairtrade on the Ground: practices and understandings (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Agatha Herman, University of Exeter; Heather Putnam, University of Kansas

CHAIR(S): Agatha Herman, University of Exeter

10:10 Agatha Herman*, University of Exeter, *The complex 'lived' world(s) of Fairtrade.*

10:30 Heather R Putnam, MA*, University of Kansas, *Fair Trade and Agroecotourism? Potential, Pitfalls and Paradox in Nicaragua.*

10:50 Channele Fingal, PhD Candidate*, University of the West Indies, *Fair Trade and Corporate and Consumer Social Responsibility: The Case of Retailers in the United Kingdom.*

11:10 Lisa L Rausch, M.A.*, University of Kansas, *Searching for Patterns of Sustainability, Development and Migration in North Mato Grosso State, Brazil.*

11:30 Ann LeMare, Dr. *, Durham University, UK, *The impact of Fair Trade on poverty and social wellbeing: the case of handicraft producers in Bangladesh.*

4243. AGSG-CGSG Joint Panel on the Asian Century (Sponsored by China Specialty Group, Asian Geography Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Yuko Aoyama, Clark University; Yu Zhou, Vassar College

CHAIR(S): Yu Zhou, Vassar College

Panelists: Yeong-Hyun Kim, Ohio University; Weidong Liu, Chinese Academy of Sciences; Yu Zhou, Vassar College; Yuko Aoyama, Clark University; Jan Nijman, University of Miami; Henry Wai-chung Yeung, National University of Singapore; Jim Glassman, University of British Columbia; Sharad Chari, London School of Economics & University of KwaZulu-Natal

4244. Water, Power, and Politics in South Asia II (Sponsored by Water Resources Specialty Group, Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Farhana Sultana, Syracuse University

CHAIR(S): Farhana Sultana, Syracuse University

10:10 Akiko Yamane*, Department of Geography, California State University, Fresno, *Controlling water or controlled by water? Struggles and Compromises of the British in Ceylon.*

10:30 Christopher J Limburg*, University of Wisconsin-Madison, *The Agency of Animated Water: Nagas in the Himalaya.*

10:50 Jeff La Freniere*, University of Denver, *The Burden of Fetching Water: Using Caloric Expenditure as an Indicator of Access to Safe Drinking Water - A Case Study from Xieng Khouang Province, Lao PDR.*

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11:10 Kate A. Berry*, University of Nevada, Reno, *Gender Dynamics and Water Matters: Participatory Water Development and Gender Equity in an Indian NGO.*

11:30 Farhana Sultana, PhD*, Syracuse University, *of Purity and pollution: Negotiating socio-spatial-ecological-embodied subjectivities in contaminated waterscapes.*

4245. The limits of the body 2: Embodied practices (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Sebastian Abrahamsson, School of Geography Oxford University; Paul Simpson, University of Bristol

CHAIR(S): Sebastian Abrahamsson, School of Geography Oxford University

10:10 Paul Barratt*, University of Hull, *'Monsters' of Rock: Hybrid Bodies of Ascension.*

10:30 Paul Simpson*, University of Bristol, *Theatre without separation: or, on saying 'I love you' to a street performer.*

10:50 Kyle Green*, University of Minnesota - Twin Cities, *Pain, Masculinity and Contemporary Capitalism: An Ethnographic Inquiry into the Seduction of Mixed Martial Arts.*

11:10 Cheryl Nosworthy*, The University of Reading, *Exploring and testing limits of the body; reflections on the anthropo-zoo-genetic practice of horse-riding.*

11:30 Leila Dawney*, Dept of Geography, University of Exeter, UK, *Therapeutic bodies/landscapes.*

4246. Treeline Ecotones II: Spatial Variability and Detection (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): David R. Butler, Texas State University - San Marcos; Daniel J. Weiss, University of North Carolina

CHAIR(S): Clayton Whitesides, Texas State University

10:10 Grant Elliott*, Department of Geography, University of Minnesota; Kurt Kipfmüller, Department of Geography, University of Minnesota, *Multi-Scale Influences of Topography and Climate on Upper Treeline Ecotonal Dynamics in the Southern Rocky Mountains.*

10:30 Daniel J. Weiss*, University of North Carolina, *Alpine Treeline Ecotone Patterns in the Western United States: Analyses of Spatial Variability and Relationships with Hypothesized Environmental Controls.*

10:50 Emily K. Smith*, M.S. Student, Department of Geography, Virginia Tech, *Modeling the Incidence of White Pine Blister Rust Infection in Whitebark Pine at Alpine Treeline in the Northern Rocky Mountains using GIS.*

11:10 Jonathan Rose*, The University of Iowa; George P Malanson, The University of Iowa; Rachel A Nathanson, The University of Iowa, *Providing context for alpine tundra responses to global climatic change.*

Discussant(s): Clayton Whitesides, Texas State University

4247. Location, Commuting and Travel Behavior (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Michael Niedzielski, Ohio State University; Cynthia Chen

CHAIR(S): Cynthia Chen

10:10 Angela Antipova*, Lsu; Fahui Wang, Lsu, *Contribution of the land use values to the shaping of the travel behavior (evidence from East Baton Rouge Parish, LA).*

10:30 Cynthia Chen*, City College of New York; Haiyun Lin, City College of New York; Robert Paaswell, UTRC, *An Empirical Analysis on Residential Search Behavior: How People Search in Space and Why?.*

10:50 Selima Sultana*, University of North Carolina-Greensboro; Joe Weber, University of Alabama, *Urban growth cycles and commuting transition: Does travel time increase as a dynamic response to housing booms?.*

11:10 Michael Niedzielski*, Ohio State University, *Measuring excess commuting over time.*

11:30 Charles C Layman*, Florida State University; Mark W Horner, PhD, Florida State University, *A comparison of methods for measuring excess commuting and jobs-housing balance: Conceptual arguments and empirical tests.*

4248. Climatology - Precipitation and Flooding

Room: North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thomas B. Williams, Western Illinois University

10:10 Christopher Fuhrmann*, University of North Carolina at Chapel Hill; Charles Konrad, University of North Carolina at Chapel Hill, *Building a Multi-scale Conceptual Model of Winter Precipitation in the Southeast United States.*

10:30 Ricardo Nogueira*, Louisiana State University; Barry Keim, LSU, *Characteristics of Tropical Cyclone Rainfall Over the Eastern United States 1960-2007.*

10:50 Gretchen Stuppy Carlson*, Dept of Geography, The University of North Carolina at Chapel Hill; Charles E Konrad II, Southeast Regional Climate Center, Dept of Geography University of North Carolina at Chapel Hill; Jamie Dyer, Dept of Geosciences, Mississippi State University, *Spatial and Temporal Patterns of Summer Season Precipitation across the Carolina Coastal Region.*

11:10 Elsa Nickl*, University of Delaware; Cort Willmott, University of Delaware, *Uncertainty and variability in land-surface precipitation over 100-plus years.*

11:30 Thomas B. Williams, Associate Professor*, Department of Geography, Western Illinois University; Jongnam Choi, Associate Professor, Department of Geography, Western Illinois University, *The Great Midwest Floods of 1993 and 2008: A Tale of Two Summers.*

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4249. Characterization of Urban Land Cover Using Remote Sensing

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ruiliang Pu, University of South Florida

10:10 Rama Mohapatra*, Changshan Wu, University of Wisconsin Milwaukee, *Impervious surface estimation through the integration of IKONOS and Landsat ETM+ data.*

10:30 Li Luo*, Giorgos Mountrakis, *Using an Expert-based system for satellite-derived change detection of impervious surfaces in central New York.*

10:50 Steven W. Russell Jr.*, University at Buffalo, *Percent Impervious Classification Using Remote Sensing Methods.*

11:10 Stuart K. McFeeters, PhD., GISP*, California State University, Fresno, *Urban Surface Water Delineation in the Fresno/Clovis Metropolitan Area: A Comparison of Methods.*

11:30 Ruiliang Pu, PhD*, University of South Florida, *An Exploratory Analysis of High Resolution IKONOS Imagery for Mapping Urban Forest Tree Species.*

4250. Migration and Immigration (Sponsored by Population Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Max Lu, Kansas State University

CHAIR(S): Mark Partridge, Ohio State University

10:10 Thomas Niedomysl*, Institute for Futures Studies; John Östh, Uppsala University; Magnus Lagerholm, Swedish Governmental Agency for Innovation Systems, *Entrepreneurial Migration in Sweden.*

10:30 Alessandra Faggian*, University of Southampton; Jonathan Corcoran, University of Queensland, Australia; Philip McCann, Waikato University, New Zealand, *Applying circular statistics to the study of graduate migration flows: the case of Great Britain.*

10:50 Ryan Arthun*, The University of Montana; Christiane von Reichert, The University of Montana, *Staying Connected: Exploring the Relationship between Local Ties and Return Migration.*

11:10 Mark Partridge*, Ohio State University; Dan S Rickman, Oklahoma State University; Kamar Ali, University of Saskatchewan, *Recent Immigration: The Diversity of Economic Outcomes in Metropolitan America.*

4251. Evolution of Professional Geography in India 2 (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Vatsal Bhatt, Brookhaven National Laboratory; Chandana Mitra, University of Georgia

CHAIR(S): Vatsal Bhatt, Brookhaven National Laboratory

10:10 Sumanth G. Reddy, PhD Student*, Kansas State University, *An Explorative Study of Medical Tourism in India.*

10:30 Kathryn Cavanaugh Tanner, PhD*, Sarah Lawrence College, *Environmental Governance in South-South Trade Networks: the case study of the seashell trade between Tanzania and India.*

10:50 Kumkum Bhattacharyya*, Portland State University; Kumkum Bhattacharyya, Portland State University, *After six decades of dam operation: A case study of the Damodar River, India.*

11:10 Govind Gopakumar*, RPI, *'Degenerated Peripheralisation' in Chennai: Water Supply Infrastructure, Dravidian Politics & Urban Governance.*

11:30 Byron T. Smith, masters degree student*, Univ. of South Carolina, *Two Case Studies of Reverse Engineering in Asia.*

4252. Teaching Geography 2: Undergraduates

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stephen R. Koletty, University of Southern California

10:10 Therese M. Kennedy*, National University of Ireland Maynooth, *Facilitating critical thinking and effective values exploration using Development Education methodologies in undergraduate geography.*

10:30 Eric Samson*, Mayan Esteem Project; Texas State University-San Marcos, *Assessment of beginning post-secondary geography students.*

10:50 Luis A Rios*, Assistant Professor, US Military Academy, *Teaching Geographic Perspectives on Environmental Security.*

11:10 Roy Cole, PhD*, Grand Valley State University, *Assessing Student Learning Outcomes in a Large, General Education, World Regional Geography Course.*

11:30 Stephen R. Koletty, PhD*, University of Southern California, *Advancing Undergraduate Research in Geography.*

4253. Heritage Tourism: Critical Issues for the Present and Future of the Past (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Dallen J. Timothy, Arizona State University

CHAIR(S): Dallen J. Timothy, Arizona State University

10:10 Rudi Hartmann*, University of Colorado, *Heritage tourism in Southeast Colorado: A regional or a thematic approach?*

10:30 Tony Johnston*, NUIG, *Thanatourism and Heritage Tourism in Sarajevo.*

10:50 Yu-Min CHIANG*, Department of Geography, National Taiwan University, *Transformation of Authenticity and Integrity of Heritage Tourism? A Case Study of Dasi Township, Taoyuan.*

11:10 Sybille Frank*, Darmstadt University of Technology, Germany, *When Global Flows Meet Local Cultures: Tourists (Re)Fashioning Cold War Heritage at Checkpoint Charlie, Berlin.*

11:30 Dallen J. Timothy*, Arizona State University; Amos S. Ron, Kinneret College on the Sea of Galilee, Israel, *Farmers for a Day: Agricultural Heritage and Nostalgia in Rural Israel.*

4254. Past, Present, and Future of Frozen Ground Environments II (Sponsored by Cryosphere Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Nikolay Shiklomanov, University of Delaware

CHAIR(S): Mark Demitroff, University of Delaware

10:10 Hugh French*, University of Ottawa; University of Delaware; Mark Demitroff, Department of Geography, University of Delaware; Wayne Newell, Eastern Earth Surfaces Process Team, USGS, VA; Ben DeJong, Eastern Earth Surfaces Process Team, USGS, VA, *Past permafrost on the Mid-Atlantic Coast Plain; implications for relic permafrost in central Alaska and north-western Arctic Canada.*

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10:25 Gregory A. Pope, Associate Professor*, Montclair State University; Mark Demitroff, University of Delaware; Jennifer LaPoma, Montclair State University; Jennifer Callanan, Assistant Professor, William Paterson University, *Sand Grain Morphologies Explain Late Pleistocene Periglacial Soil Environments of the Pine Barrens, New Jersey, USA.*

10:40 Jennifer LaPoma*, Montclair State University; Mark Demitroff, University of Delaware's Permafrost Group; Gregory Pope, PhD, Montclair State University; Jennifer Callanan, D.Env.M., William Paterson University, *Sedimentary Analysis of Tentative Wind Steaks from the Pinelands National Reserve in Southern New Jersey.*

10:55 Mark Demitroff*, University of Delaware; Hugh French, University of Ottawa; University of Delaware; Jan Gozdzik, University of Łódź; Greg Pope, Montclair State University; Ben DeJong, United States Geological Survey, *Wisconsinan Eolian Activity and Paleohydrology, New Jersey Pine Barrens (39°N), Eastern U.S.A.*

11:10 Benjamin D. DeJong*, USGS; Eastern Earth Surface Processes Team; Wayne L. Newell, USGS, EESPT; Inga Clark, USGS, EESPT; Herbert A. Pierce, USGS, EESPT; Joseph P. Smoot, USGS, EESPT; Bryan D. Landacre, USGS, EESPT; Mark Demitroff, University of Delaware, Permafrost Group; Hugh French, University of Ottawa; University of Delaware, Permafrost Group, *The Parsonsburg Alloformation of Central Delmarva: An Artifact of a Cold, Dry Pleistocene Landscape.*

11:25 Michael T. Walegur*, Moorpark College; Nikolay Shiklomanov, PhD, University of Delaware; Frederick E. Nelson, PhD, University of Delaware, *Contemporary and Paleopermafrost Distribution in the Appalachian Mountain Range.*

4255. Immigration, Integration, and Multiple Economies (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Pascale Joassart-Marcelli, San Diego State University

CHAIR(S): Pascale Joassart-Marcelli, San Diego State University

10:10 Pascale Joassart-Marcelli, PhD., San Diego State University; Philip Stephens, B.A., M.S.*, San Diego State University, *Immigrant Banking and Financial Exclusion in Greater Boston.*

10:25 Lucia Lo, Dr.*, York University, *The Challenge of Settlement.*

10:40 Susan E Hobson, MPH*, University of Illinois at Chicago, *Street Food Vending Ordinances: Informal Economic Practices in Public Space.*

10:55 Laura Reilly*, Portland State University, *Ethnic Place Making: Thirty Years of Brazilian Immigration to South Framingham, Massachusetts.*

Discussant(s): Virginia L. Parks, University of Chicago

4256. Media Geography VIII: Cinematic Space and National Identity (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group, Latin America Specialty Group)

Room: North Hall N117, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): James Craine, California State University Northridge; Nicolas Poppe, The University of Texas at Austin

CHAIR(S): Joseph Palis, University of North Carolina at Chapel Hill

10:10 Kimberly Coulter, PhD.*, University of Wisconsin-Madison, *Territorial appeals: The border-crossing lives of contemporary German films.*

10:30 Nicolas Poppe*, The University of Texas at Austin, *The Banality of Everyday Life: Montevideo in the Films 25 watts and Whisky.*

10:50 Joseph Palis*, University of North Carolina at Chapel Hill, *No Country for Foreign Films.*

11:10 Christian Cousins*, University of Texas, Austin, *The Creation and Destruction of the Border in The Three Burials of Melquiades Estrada.*

11:30 Nazanin Naraghi*, Simon Fraser University, *"That Obscure Object of My Desire": The Islamic Republic of Iran and das Ding.*

4257. Norbert P. Psuty Student Paper Competition (Sponsored by Coastal and Marine Specialty Group)

Room: North Hall N118, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Steven Namikas, Louisiana State University
CHAIR(S): Steven Namikas, Louisiana State University

10:10 Frank Hopf*, Texas A&M University, *Causes and implications of historical levee failures in the California Delta.*

10:30 Katherine Renken*, Louisiana State University; Patrick Hesp, Louisiana State University; Phillip Schmutz, Louisiana State University; Ryan Orgera, Louisiana State University; Luke Driskell, Louisiana State University, *Nebkha Morphometry in Dona Juanna, Veracruz, Mexico.*

10:50 Wansang Ryu*, Geography, Texas A&M University, *The Study of Sand Patch Patterns of Coastal Sand Dunes in the United States by Using Landscape Ecology.*

11:10 Bailiang Li*, Texas A&M University; Jean Ellis, University of South Carolina; Eugene Farrell, Texas A&M University; Walter Cox, Texas A&M University; Douglas Sherman, Texas A&M University, *Field evaluation of grain-scale aeolian saltation sensors.*

11:30 Eugene Farrell*, Texas A&M University; Douglas J Sherman, Texas A&M University, *Comparison of fitted decay functions for wind-blown sand measured in wind tunnel and field experiments.*

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- 4258. Creating and capturing demand in the knowledge economy: Marketing products and producing markets II (Sponsored by Economic Geography Specialty Group)**
Room: North Hall N119, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Josephine Rekers, University of Toronto; Brian Hracs, University of Toronto
CHAIR(S): Brian Hracs, University of Toronto
10:10 Josephine V. Rekers*, University of Toronto, *Beta-cities in the knowledge economy: market qualities for art and science.*
10:30 Clare Wasteneys*, Queen's University; Betsy Donald, Queen's University, *To Market To Market without Leaving the Farm: Linking small-scale farmers with big city buyers to grow the Creative Food Economy of Prince Edward County.*
10:50 Matthew Talsma*, University of Toronto, *Reconnecting production and consumption in the clothing industry: Grassroots and niche strategies for local economic development.*
Discussant(s): Norma Rantisi

- 4259. GIS Modeling Techniques**
Room: North Hall N120, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Daniel A. Griffith, University of Texas - Dallas
10:10 Ruihong Huang*, Northern Arizona University, *Spatial Pattern Recognition by Hidden Markov Model with Random Point Data Sets.*
10:30 Guofeng Cao*, University of California, Santa Barbara; Phaedon Kyriakidis, Department of Geography, UC Santa Barbara, *An approach for combining spatial transition probabilities in the prediction and simulation of categorical fields.*
10:50 Xining Yang*, Eastern Michigan University; Yichun Xie, Eastern Michigan University, *Structural modeling of driving factors affecting vegetation successions in the Xilin River Basin, Inner Mongolia.*
11:10 Kang Shou Lu, PhD*, Towson University; John Morgan, PhD, Towson University; Jeffery S Allen, PhD, Clemson University, *A Sub-Parcel Spatiotemporal Model for Coastal Land Use Change.*
11:30 Daniel A. Griffith*, University of Texas - Dallas; Yongwan Chun, University of Texas at Dallas, *Eigenvector selection with stepwise regression techniques to construct spatial filters.*

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- 4309. Disability Specialty Group Business Meeting (Sponsored by Disability Specialty Group)**
Room: Royale Pavilion 4, Riviera Hotel, 1st Floor
- 4312. Geography Education Specialty Group Business Meeting (Sponsored by Geography Education Specialty Group)**
Room: Royale Pavilion 7, Riviera Hotel, 1st Floor
- 4331. Private/Public Affinity Group Business Meeting (Sponsored by Private/Public Affinity Group)**
Room: Skybox 203, Riviera Hotel, 2nd Floor
- 4339. Socialist and Critical Geography Specialty Group Business Meeting (Sponsored by Socialist and Critical Geography Specialty Group)**
Room: Skybox 211, Riviera Hotel, 2nd Floor
- 4343. China Specialty Group Business Meeting (Sponsored by China Specialty Group)**
Room: North Hall N101, Las Vegas Convention Center

- 4346. Taylor-Francis/Routledge Distinguished Lecture on Geomorphology and Society (Sponsored by Geomorphology Specialty Group)**
Room: North Hall N107, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Scott A. Lecce, East Carolina University
CHAIR(S): Scott A. Lecce, East Carolina University
Introducer: Scott A. Lecce
11:55 James C. Knox*, University of Wisconsin, Madison, *Flood Geomorphology in the Upper Mississippi Valley.*
- 4350. Population Specialty Group Business Meeting (Sponsored by Population Specialty Group)**
Room: North Hall N111, Las Vegas Convention Center
- 4351. Regional Development and Planning Specialty Group Business Meeting (Sponsored by Regional Development and Planning Specialty Group)**
Room: North Hall N112, Las Vegas Convention Center
- 4356. Communication Geography Specialty Group Business Meeting (Sponsored by Communication Geography Specialty Group)**
Room: North Hall N117, Las Vegas Convention Center
- 4358. Coastal and Marine Specialty Group Business Meeting (Sponsored by Coastal and Marine Specialty Group)**
Room: North Hall N119, Las Vegas Convention Center

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- 4314. Brown Bag Plenary: Geography, GIS & Africa**
Speaker: Jack Dangermond, President, ESRI
Room: Capri 101, Riviera Hotel, 1st Floor (Plenary Session)

WEDNESDAY, MARCH 25 • 1:00 PM - 2:40 PM • 4400

4401. How to Perform Interdisciplinary Paleoenvironmental Research (Sponsored by Paleoenvironmental Change Specialty Group)

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Zachary P. Taylor, University of Tennessee; Trevor Porter, Carleton University

CHAIR(S): Zachary P. Taylor, University of Tennessee

Panelists: Glen M. MacDonald, UCLA; James H. Speer, Indiana State University; Kam-Biu Liu, Louisiana State University; Sally P. Horn, University of Tennessee; Timothy Beach, Georgetown University; Bryan Shuman, University of Wyoming

4402. Hazards: Tropical Storms and Floods 2

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nathan McKinney, University of West Florida

1:00 Arielle Baker*, Student; Nina Lam, PhD, Louisiana State University; Margaret Reams, PhD, Louisiana State University; Lauren DeFrank, Louisiana State University; Alison Martin, Louisiana State University, *Creating an Empirically Derived Resilience Index for Louisiana and the Gulf of Mexico Region.*

1:20 Wilawan Thanatemaneeerat*, *Coastal Sensitivity Mapping Project: The Case of Thailand.*

1:40 Nathan L McKinney*, University of West Florida; Klaus J Meyer-Arendt, PhD., University of West Florida, *The untold story of hurricanes and human life: direct and indirect mortality relating to the 2004 Florida tropical cyclones.*

4403. Regional, Economic, Political, Population

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

Pat Farrell, Associate Professor*, University of Minnesota Duluth, *Soils of the Sibun River Valley, Belize: Implications for Maya Settlement Patterns.*

Robert B. South*, University of Cincinnati, *Nafta's Impact: Export Manufactures in Mexico.*

Jack G Dale*, Independent Researcher, *A 'Dream' Revived? The Grand Nicaraguan Inter-oceanic Canal.*

Angela Nicole Vallencourt*, Georgia Geographic Alliance and Kennesaw State University; Mark W Patterson, PhD., Kennesaw State University, *Local impacts of the globalization of Chile's forestry sector.*

Matthew Fry*, Department of Geography and the Environment, University of Texas at Austin, *Converting Crops to Concrete: Construction Materials and Land-Use Change in Central Mexico.*

Korine N. Kolivras*, Virginia Tech; Joseph L. Scarpaci, Virginia Tech; William Galloway, Virginia Tech, *Land Use Change and Urban Growth in a Dominican Shantytown.*

Roy Ryder*, University of South Alabama, *Landscape diversity and land use diversification in the elite residential sector of Buenos Aires.*

James F Chastain*, United States Military Academy, *Urban Insurgency Vulnerability Analysis Case Study.*

Nissa Fink*, University of Cincinnati, *Neoliberal Cairo: an examination of urban development.*

Angela Maki*, University of New Orleans, *Effects of Lake Superior on Synoptic Weather Conditions: An analysis of snowfall variation.*

Jeffrey N. Crawford*, University of Nevada, Reno; Scott A. Mensing, PhD., University of Nevada, Reno; Frank K. Lake, PhD., U.S. Forest Service, Pacific Southwest Research Station, *A long-term fire history reconstructed from charcoal in lake sediments from the Lower Klamath River, California.*

Kelton Andrew*, University of Wisconsin Eau Claire, *Relationship between Climate and Snowmobile Sales in Wisconsin.*

Chelsea Teale*, The Pennsylvania State University, *The Environmental History of Charismatic Exotics in New York's Hudson Valley.*

Jacqueline L Waite*, University of Maryland, College Park, *Potomac River Basin Management and Climate Change.*

Joseph Michael Rodriguez*, The University of Arizona, *The Turkish Bridge?.*

Hilary Ferguson*, University of Toronto, *Local and Regional Food Aid Procurement in Uganda: assessing the benefits and challenges of smallholder involvement.*

R. M. Selya, PhD*, University of Cincinnati, *A Geography of Human Rights Abuses.*

Fiona M. Davidson, PhD*, University of Arkansas, *The New Political Landscape: Scottish Councils after the 2007 Elections.*

Salla Jokela*, Academy of Finland/University of Helsinki; Hannu Linkola*, Academy of Finland / University of Helsinki, *Patriotic Landscapes of Tourism and Geography: Finland in the 1920s.*

Winston T.L. Chow*, Arizona State University; Wen-Ching Chuang, School of Sustainability, Arizona State University, *Temporal variations of heat vulnerability within the city of Phoenix, Arizona: An initial study.*

Dalianna Carrero*, UPR Rio Piedras; Flor Diaz, UPR Rio Piedras; Ninothska Toro, UPR Rio Piedras; Ninothska Toro*, UPR Student, *Distribution of the Non-Hispanic Races by Municipalities in Puerto Rico According to the 2000 Census.*

Thomas A. Rumney, Dr.*, Plattsburgh State University, *Where Have They Gone? New York State's Changing Population Geographies of Young Adults.*

Laurel A Panser, M.A., M.S.*, Minnsota State College & University System; Nathan Gustafson, Rochester Community & Technical College; Darlene Voeltz, Rochester Community & Technical College, *The Moroccan Economy During 2007.*

Katrina Ann Murry*, University of Wisconsin-Eau Claire, *An Air Traffic Destination Model for Portland, Oregon.*

Evan R Byers*, University of Wisconsin-Eau Claire, *An Air Traffic Destination Model for Reno, Nevada (RNO).*

Bonnie Garrett*, *Whole Food Markets in Texas: Site Analysis and Tracking Techniques.*

Salla Jokela*, Academy of Finland/University of Helsinki; Hannu Linkola*, Academy of Finland / University of Helsinki, *Patriotic Landscapes of Tourism and Geography: Finland in the 1920s.*

Zachary Alan Bensley*, Frostburg State University; James Saku, Frostburg State University, *Socio-economic Changes in Nunavut: A Preliminary Analysis.*

Matt C. LaFavor, Doctoral Student*, The University of Texas at Austin, *Industrial Sulphur Mining on Mexico's Popocatepetl Volcano.*

John Heppen*, University of Wisconsin River Falls, *The 2008 Presidential Election in Geographic and Temporal Context.*

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Kenneth C. Martis*, West Virginia University, *Patterns of Voting in West Virginia and Appalachia in the 2008 Presidential Election.*

Natalie Heimerl*, United States Military Academy, *Environmental Security Indicators in Sub-Saharan Africa.*

4404. Urban Change

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Betka Zakirova, Freie University and Graduate Research Program Urban Ecology, Berlin

1:00 Kathryn Wells*, Syracuse University, *From Shelter Bunks to Boutique Beds: Public Property Gentrification in Washington, D.C.*

1:20 Hanna Ristisuo*, "Back to the City": competitiveness and livability through new homes in Helsinki, Finland.

1:40 Bart Sleutjes*, Utrecht University, *Local firm success: the role of the neighbourhood.*

2:00 Betka Zakirova*, Freie University and Graduate Research Program Urban Ecology, Berlin, *Shrinkage at the Berlin fringe.*

4405. Progress in Human Geography Lecture

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Victoria A. Lawson, University of Washington

CHAIR(S): Victoria A. Lawson, University of Washington

1:00 Mona Domosh*, Dartmouth College, *The World was Never Flat: Early Global Encounters and the Messiness of Empire.*

4406. Where is Urban Politics? III (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Scott Rodgers, Open University; Clive Barnett

CHAIR(S): Clive Barnett

Panelists: Abdou Maliq Simone; David Wilson, University of Illinois; Lynn Staeheli, University of Edinburgh; Allan Cochrane, Open University; Kevin Ward, University of Manchester; Jessica Budds, The Open University

4407. RSSG Student Honors Paper Competition I (Sponsored by Remote Sensing Specialty Group)

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Paul Merani, University of Nebraska; Benjamin Tuttle, University of Denver/University of Colorado, Boulder

CHAIR(S): Paul Merani, University of Nebraska

1:00 Daniel Redo*, Texas A&M University; Andrew C Millington, Texas A&M University, *A Hybrid Remote Sensing Protocol for Tracking Land Change Types in the Seasonal Tropics.*

1:20 Rana Nasseem Al-Jawarneh*, University of Oklahoma; Thomas Paradise, University of Arkansas, *Spatial Analysis of Land Cover and Land Use in Evaluating Land Degradation in Northwestern Al-Mafraq City, Jordan.*

1:40 Liheng Zhong*, University of California Berkeley; Peng Gong, University of California Berkeley, *A Phenology-based Classification Approach in Agricultural Land Mapping.*

4408. Religious Geographies

Room: Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jennifer L. Rahn, Samford University

CHAIR(S): Jennifer L. Rahn, Samford University

4409. Disability in Education: Geographies of Inclusion and Exclusion (Sponsored by Disability Specialty Group)

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Elizabeth Mathews; Amber Lee Boles

CHAIR(S): Vandana Wadhwa, Boston University

1:00 Deanna L Adams, M.S.*, Syracuse University, *The "Inclusion Delusion".*

1:20 Amber Lee Boles, M.A. Geography, M.A. Special Education*, Texas State University and Century High School, Rochester, MN, *Co-Teaching? Is it as inclusive as it wants to be? Students and Parents Weigh-In.*

1:40 Sheelah Flatman Watson*, NUI Maynooth Ireland, *Capacitation Barriers within the Irish primary education system deny choice of placement to pupils with an intellectual and/or pervasive developmental disability.*

2:00 Elizabeth Mathews*, National University of Ireland, Maynooth, *Learning to be hearing: is the mainstream school a space for normalising deaf children?.*

Discussant(s): Louise Holt, Un Iversity of Reading

4411. Military Geography and Contemporary Military Operations (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Military Geography Specialty Group)

Room: Royale Pavilion 6, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): L. Jean Palmer-Moloney, Barton College

CHAIR(S): L. Jean Palmer-Moloney, Barton College

1:00 Ray Caputo*, U.S. Army Topographic Engineering Center, *U.S. Army use of Geospatial PDF (GeoPDF).*

1:20 Timothy Vatovec*, University of Kentucky, *Leveraging the Public/Private Partnership: Security Firms Loose in the Military Landscape.*

1:40 Jim Dalton*, USMA, *Between the Seams, Terrorism in Transcaucasia.*

2:00 L. Jean Palmer-Moloney, Associate Professor*, Barton College, *Among the T-Barriers: Striving for Stability, Security, Transition, and Reconstruction in Baghdad.*

4413. Next Generation Globalization I: Patterns of Investment and Financing (Sponsored by Economic Geography Specialty Group)

Room: Royale Pavilion 8, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Yuko Aoyama, Clark University; Nicholas A. Phelps

CHAIR(S): Yuko Aoyama, Clark University

1:00 Nicholas A. Phelps*, Bartlett School of Planning, University College London, *Global Fixers? The geography of multinational mediators of foreign direct investment flows.*

1:20 Jane Hardy*, University of Hertfordshire, *Conceptualising the Offshoring of Business Services: A 'Home' Country Perspective.*

1:40 Jun Zhang, Assistant Professor*, National University of Singapore, *Networked Globalization and Concentrated Dispersion: The Spatial Coevolution of Venture Financing and Technological Innovation in China.*

2:00 David Bassens*, Ghent University; Ben Derudder, Ghent University; Frank Witlox, Ghent University, *Insha'Allah: a Middle Eastern growth machine? An analysis of the globalization of Islamic financial services firms.*

Discussant(s): Susan M. Roberts, University of Kentucky

WEDNESDAY, MARCH 25 • 1:00 PM - 2:40 PM • 4400**4414. Continuing Global Dialogues on Geospatial Science and Sustainable Development**

Room: Capri 101, Riviera Hotel, 1st Floor (Panel Session)

CHAIR(S): Douglas Richardson, Association of American Geographers

Introduction: Douglas Richardson

Panelist(s): Lee Schwartz, U.S. Department of State, *Global Dialogues on Emerging Science and Technology (GDEST): an overview*; Sives Govender, EIS-AFRICA, *EIS-Africa and Africa-GIS*; Paul Bartel, Actionet, *African networks*; Richard Williams, Director of the NGA Support Team to the U.S. Department of State, *Geospatial Support to Sustainable Development*; John Townsend and Chris Justice, University of Maryland, *University-based research and remote sensing*; Peter Ndunda, Greenbelt Movement, *Geography and environmental sustainability: the Greenbelt Movement in Kenya*

Discussant(s): Francis Koti, University of North Alabama; Benjamin Ofori-Amoah, Western Michigan University; Jack Dangermond, ESRI; Douglas Richardson, Association of American Geographers

4416. Land Use Issues

Room: Capri 103, Riviera Hotel, 1st Floor (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Yankuic Galván, Universidad Nacional Autónoma de México

1:00 David N. Zurick*, Eastern Kentucky University, *Narratives of landscape change in the Kathmandu Valley, Nepal.*

1:05 Gregory Ziolkowski*, California State University, Long Beach, *Changes in the North Palisade Glacier, Sierra Nevada since the Little Ice Age.*

1:10 Mark DeVisser*, Center for Global Change and Earth Observations and the Department of Geography, Michigan State University, *Evaluating the Performance of Land Cover Data Sets Used for Modeling Tsetse Fly Habitat in Kenya.*

1:15 Andrew Caiazzo*, Clark University; John Rogan, Clark University, *A new approach for updating and backdating land cover maps using Landsat and ASTER imagery: land cover change detection in South Central, MA.*

1:20 Sarah M Wandersee*, San Diego State University, Department of Geography, *Documenting Impacts of Illegal Mining on Guizhou Golden Monkey Habitat in Southwestern China Using Remote Sensing.*

1:25 James Manuel*, Shippensburg University; Claire Jantz, Shippensburg University, *Estimating the impact of population growth on ecosystem services in Albemarle County and Charlottesville, VA.*

1:30 Sainan Zhang*, Arizona State University; Abigail M. York, Assistant Professor, Arizona State University; Christopher G. Boone, Associate Professor, Arizona State University, *Quantitative Analysis of Landscape Fragmentation in Metropolitan Phoenix, USA, from 1992 to 2001.*

1:35 Grey Evenson*, The Ohio State University; Darla Munroe, The Ohio State University; Elena Irwin, The Ohio State University, *Lending Empirical Support for Theorized Relationships within Modeled Coupled Human-Natural Systems: Water Quality, Land Use and Amenity-Based Growth.*

1:40 Yankuic Galván-Miyoshi*, Centro de Investigaciones en Ecosistemas, Universidad Nacional Autónoma de México; Luis García-Barrios, Professor, El Colegio de la Frontera Sur (ECOSUR); Omar Masera, Professor, Centro de Investigaciones en Ecosistemas, Universidad Nacional Autónoma de México; Gerardo Bocco, Professor, Centro de Investigaciones en Geografía Ambiental, Universidad Nacional Autónoma de México, *Forest transitions in developing countries? a critical analysis for Mexico.*

4417. Themes in Remote Sensing

Room: Capri 104, Riviera Hotel, 1st Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Minh Kim, University of Georgia

1:00 Wan-Ru Yang*, UC Davis, *Land Cover Change in Kinmen (Quemoy) Island, Taiwan: a tourism-oriented conservation area.*

1:05 Minh Kim*, University of Georgia; James B. Holt, Division of Adult and Community Health, Centers for Disease Control and Prevention (CDC), *Rapid assessment of humanitarian emergencies using remote sensing methods: dwelling units extraction in refugee camps.*

1:10 Xianfeng Chen*, Slippery Rock University, *Multiple endmember spectral analysis of urban landscape with high spatial resolution satellite imagery.*

1:15 Nadeem Hashem*, Qatar University; Nick Drake, King's College London, *The use of spectral unmixing method for mapping vegetation cover in a semi-arid environment.*

1:20 Shadrock Roberts*, University of Georgia / Centers for Disease Control and Prevention; James Holt, M.P.A., PhD., Centers for Disease Control and Prevention, *Remote Sensing for Population Estimates in Humanitarian Emergencies: a formal assessment.*

1:25 Joel Andrew Masselink, MA*, Clark University; John Rogan, PhD, Clark University, : *Modeling precipitation variability using Tropical Rainfall Monitoring Mission (TRMM) and its relationship to dry-season deciduousness events in the Greater Yucatán Peninsula Region of Mexico from 1998-2007.*

1:30 Tracy L Schirmang*, Arizona State University, *Quantifying crown closure percent using spatial transformed images and vegetation indices.*

1:35 Kusumakar Bhusal, Graduate Student*, Southern Illinois University Edwardsville, *A Remote Sensing Study of Urban Heat Island Effect in Metropolitan Saint Louis Area.*

1:40 Madeline W. Brozen*, University of New Orleans, *Post-Hurricane Forest Fire Risk and Management.*

1:45 Jing Sun*, *An analysis of disturbance on social-ecological system at multiple scales based on NDVI: Case study in Yuzhong County, Gansu Province.*

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4418. Teaching outside the box: Innovative pedagogy by and for new faculty (Sponsored by Geography Faculty Development Alliance (GFDA), Geography Education Specialty Group)

Room: Capri 105, Riviera Hotel, 1st Floor (Panel Session)
ORGANIZER(S): Joy K. Adams, Humboldt State University; Karen S. Eisenhart, Edinboro University of Pennsylvania
CHAIR(S): Joy K. Adams, Humboldt State University
Introducer: Joy K. Adams
Panelists: Joy K. Adams, Humboldt State University; Karen S. Eisenhart, Edinboro University of Pennsylvania; Bronwyn Owen Haugland, Truckee Meadows Community College; Christopher A. Kent, Spokane Community College; Jeremy Tasch, Towson University

4419. Circulating Stillness: investigating lived mobilities II (Sponsored by Cultural Geography Specialty Group)

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Ariel Terranova-Webb, The Open University; Shannon Hensley, University of Exeter
CHAIR(S): Ariel Terranova-Webb, The Open University
1:00 Nicholas M Gill*, Lancaster University, *Out of Sight, Out of Mind: The Effect of the Mobility of Incarcerated Asylum Seekers Upon Asylum Sector Officials and Activists.*
1:20 Shannon Hensley*, University of Exeter, *The Performance and Embodiment of Identity through Exchange Relations at Rumba Events in Cuba.*
1:40 Ivo Wengraf*, University of Liverpool, *Taking Home Away with You: (Im)mobility and Caravan Rallying.*
2:00 Stephanie Day*, University of Kansas, *Home Away from Home: The Evolution and Meaning of American Truck Stops.*
Discussant(s): Ariel Terranova-Webb, The Open University

4420. Supporting Women in Geography (SWIG): Continuing Our Conversations, Part 1 --Undergraduate Experiences

Room: Capri 107, Riviera Hotel, 1st Floor (Panel Session)
ORGANIZER(S): Tricia Ruiz, University of Washington; Marina Viola, Pennsylvania State University
CHAIR(S): Ann Myatt James, Penn State University
1:00 Jodi Vender, Pennsylvania State University
1:15 Anne Bonds, University of Wisconsin, Milwaukee
1:30 Rosann Poltrone, Arapahoe Community College
1:45 Caroline Faria, University of Washington
Panelists: Dorothy E. Freidel, Sonoma State University; Fred M. Shelley, University of Oklahoma; Diana Casey, Muskegon Community College

4424. The cultural economy of small cities: creativity, knowledge and urban spatial development (I): Theory and policy

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Mark Jayne, University of Manchester; Bas Van Heur
CHAIR(S): Mark Jayne, University of Manchester
1:00 Mark Jayne, Dr*, University of Manchester; David Bell, Dr, University of Leeds, *Why small cities/why cultural economy?*
1:20 Alison L Bain, Dr., York University; Dylann M. McLean, Master's Student*, York University, *Informal collaborative cultural practice: re-working understandings of creativity in smaller Canadian cities.*
1:40 Tess Lea, PhD*, Charles Darwin University; Sue Luckman, PhD, University of South Australia; Donal Fitzpatrick, PhD, Curtin University; Chris Gibson, PhD, University of Wollongong, *Creative Industry theory in the periphery's periphery: the case of Darwin, Australia.*

2:00 Jennifer Mapes*, University of Southern California, *The promise of the creative economy in American small towns: a critical assessment.*

2:20 Max Jakobsson*, Centre for Urban and Regional Studies, *Parallel processes of institutionalization and fragmentation in an old industrial region - the case of Bergslagen, Sweden.*

4425. Topics in Biogeography 1

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Tracy H. Allen, SUNY-Oneonta
1:00 Brandon B Derman, MA*, University of Washington, *Glocalising Land Use Plans: Modes of Municipal and County Scale Climate Change Mitigation.*
1:20 John Lowry*, Utah State University; Douglas Ramsey, PhD, Utah State University, *Urban Areas as Ecosystems: An Assessment of the Relationship between Tree Canopy Cover and Urbanicity.*
1:40 Travis Longcore*, University of Southern California, *Species modeling for urban conservation.*
2:00 Aquila Flower, M.Sc.*, Pacific Climate Impacts Consortium; Trevor Q. Murdock, M.Sc., Pacific Climate Impacts Consortium; Kirstin Campbell, PhD, Pacific Climate Impacts Consortium, *Modeling the Future Impacts of Climate Change on Douglas Fir and Spruce Forests in British Columbia.*
2:20 Tracy Hunter Allen, PhD*, SUNY-Oneonta, *Plant Succession Following Surge and Retreat Events of the Bering Glacier, Alaska.*

4426. The Changing Geographies of the Arctic and Northern Regions: I (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Canadian Studies Specialty Group, Indigenous Peoples Specialty Group, Cryosphere Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Timothy Edmund Heleniak, University of Maryland; Andrey N Petrov, University of Toronto
CHAIR(S): Timothy Edmund Heleniak, University of Maryland
1:00 Elizabeth S. Vidon*, Indiana University, *Nationalism, Identity and Space in the Eastern Canadian Arctic.*
1:20 Lisa Cooke*, York University, *Canada's North: A landscape of (whose) desire?*
1:40 Gail Russel, PhD Candidate*, University of Toronto, *A political-economic reading of the Arctic Exception Policy.*
2:00 Michael Graham*, University of Northern Iowa, *Space, history, and law: Rethinking Canadian territorial claims in its Arctic archipelago.*

4427. Focus on New Mexico: Understanding the Land of Enchantment (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)
ORGANIZER(S): Maria Lane, University of New Mexico
CHAIR(S): Richard L. Nostrand, University of Oklahoma
1:00 Michaela Buenemann, PhD*, New Mexico State University, *Impacts of a Global Change-Type Drought: Tree Mortality in the Pinyon-Juniper Woodlands of the Middle Rio Grande River Basin, NM.*
1:20 Destiny Mitchell*, University of New Mexico, *Truth and Consequences: The Impacts on the Settlement History of Sierra County, NM.*
1:40 Molly A Blumhoefer*, University of New Mexico; K Maria D. Lane, University of New Mexico, *Water engineers in the field: from New Mexico to the Wider West.*

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2:00 David Correia*, University of New Mexico, *Enacting Property: Law and the Origins of the Tierra Amarilla Land Grant in New Mexico.*

2:20 Olen Paul Matthews*, University of New Mexico, *Reforming New Mexico's Water Law.*

4428. Biogeography and Remote Sensing: Linking species, landscape and regional scales (Sponsored by Biogeography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Kirk Marcas Stueve; Jaclyn Hall, University of Florida

CHAIR(S): Jaclyn Hall, University of Florida
Introducer: Jaclyn Hall

1:05 Ophelia Wang*, University of Texas; Kenneth R Young, University of Texas; Rodrigo Sierra, EcoCiencia, Ecuador, *Examining tree species identification, species distribution patterns, and habitat types using aerial photographs and satellite images in the western Amazon.*

1:24 Florencia Sangermano*, Clark University; Ronald Eastman, Clark University, *Assessing the Impact of Global Change on Biodiversity through Remote Sensing.*

1:43 Kelley J. O'Neal*, University of Maryland, *Mapping Spatial Patterns of Woody Plant Cover Expansion in Chihuahuan Desert Grasslands, USA.*

2:02 Jaclyn Hall*, University of Florida, *Vegetation indices of canopy structure: The spectral signature of forest disturbance.*

2:21 James Kernan*, SUNY Geneseo, *Fuel age controls on fire frequency in ponderosa pine forests.*

4429. Politicising State Spatial Theory (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Matthew Mitchelson, University of Georgia; Stijn Oosterlynck, KU Leuven

CHAIR(S): Kate Driscoll Derickson

1:00 John Harrison*, Loughborough University, *Networks of connectivity, territorial fragmentation, uneven development: the new politics of city regionalism.*

1:20 Arnoud Lagendijk, Dr.*, Radboud University Nijmegen; Bas Arts, Dr., Wageningen University, *The Proliferation of multi-level Policy Domains: not one but many.*

1:40 Joaquin Villanueva*, Syracuse University, *The territorialization of the law: Violence, politics and the judicial system in the Parisian banlieue.*

2:00 Joshua Barkan*, University of Georgia, *The Legal Politics of Economic Regulation.*

2:20 Monica W. Varsanyi, PhD*, John Jay College, City University of New York, *Neoliberalism and Nativism: Local Anti-Immigrant Policy Activism and an Emerging Politics of Scale.*

4430. Following the Green Revolution I: Ideologies, Inequalities, Offshoots (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Pratyusha Basu, University of South Florida, Tampa; Bruce A. Scholten, Durham University, UK

CHAIR(S): Bruce A. Scholten, Durham University, UK

1:00 Pratyusha Basu*, University of South Florida, Tampa, *Traveling with International Development: The Transfer of Small-Scale Dairy Models from India to East Africa.*

1:20 Ilona Tamminen Moore*, University of Minnesota, *'Paradox' of Plenty?: The specter of hunger and the making of India's Green Revolutions.*

1:40 James Klepek*, University of Arizona, *Against the Grain: The Politics of Expertise and the Regulation of Biotechnology in Guatemala.*

2:00 Sharon Meagher*, The University of Scranton, *Challenging the Green Revolution through Both/And Strategies: The Case of Indigenous Women's Cooperatives in Rural Puebla Mexico.*

2:20 Amy Trauger*, University of Georgia; Pratyusha Basu, University of South Florida, *Gender and Agriculture in Transnational Perspective: Women in Farming Across India and the U.S.*

4431. Economic Geography 3

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): T. R. Lakshmanan, Boston University

1:00 Daniel Buck*, University of Oregon; Daniel Buck, University of Oregon, *Economic Geography and Critical China Studies.*

1:20 Fiona F. Yang*, Department of Urban Planning and Design, The University of Hong Kong; George C. S. Lin, The University of Hong Kong; Hongmian Gong, Hunter College of the City University of New York, *Economic Globalization and the Growth of Consulting Services in Guangzhou.*

1:40 Olivier Walther*, Centre for Population, Poverty and Public Policy Studies (Luxembourg), *"Metropolitan" employment in a cross-border region. Evidence from Luxembourg.*

2:00 T. R. Lakshmanan, PhD*, Boston University, *Transport Infrastructure Investments and Economic Evolution.*

4432. Topics in Spatial Analysis and Modeling

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lan Mu, University of Georgia

1:00 Jared R. Aldstadt, PhD*, University at Buffalo, *Moran Time Path Torque: A Local Indicator of Space-Time Dynamics.*

1:20 Vladimir Yassenovskiy*, University of Alberta, *Spatial accessibility measures based on spatial choice interaction modeling and time availability: the example of video lottery terminal gaming in Alberta, Canada.*

1:40 James P Lesage, PhD*, Texas State University; Xingjian LIU, Department of Geography, Texas State University - San Marcos, *Arc_MAT, a MATLAB GUI for mapping ArcView Shape files and spatial econometric analysis.*

2:00 XIA LI*, School of Geography and Planning, Sun Yat-sen University, Guangzhou, 510275, PR China, *The Concepts and Implementation of a Geographical Simulation and Optimization System (GeoSOS).*

2:20 Lan Mu*, University of Georgia, *A Heuristic Spatial Clustering Method based on Alpha Shapes.*

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ORGANIZER(S): Heike Joens, Loughborough University

CHAIR(S): Heike Joens, Loughborough University

Introducer: Heike Joens

1:10 Clare Madge, Dr*, University of Leicester, *A postcolonial analysis of the internationalization of Higher Education in the UK: moving towards an engaged pedagogy.***1:30** Mareike Tarazona*, DIPF, *Challenges to the implementation of International Double Degree Programs.***1:50** Heike Joens*, Loughborough University; Michael Hoyler, Loughborough University, *Transnational university networks and alliances as strategies of internationalization.*

Discussant(s): Kate Geddie, University of Toronto

4434. Kitsch (Sponsored by Recreation, Tourism, and Sport Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)*Room:* Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Dydia DeLyser, Louisiana State University; Stephen Daniels, University of Nottingham

CHAIR(S): Dydia DeLyser, Louisiana State University

1:00 Stephen Daniels*, University of Nottingham, *Kitsch Landscape Art.***1:20** Harriet Hawkins, Dr*, Dept of Geography, University of Exeter, *'All that is spurious in the life of our times,' Kitsch, Rubbish and Anti-Kitsch.***1:40** Dydia DeLyser*, Louisiana State University, *"Among my souvenirs": Collecting kitsch and professionalizing the personal.***2:00** David Atkinson*, University of Hull, UK, *The extroverted geographies of the kitsch, the familiar and the faraway.*

Discussant(s): Mike A. Crang, University of Durham

4435. New Approaches for Measuring the Geography of Internet Traffic (Sponsored by Cyberinfrastructure Specialty Group, Transportation Geography Specialty Group, Communication Geography Specialty Group)*Room:* Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Frank Witlox, Ghent University; Mark I. Wilson, Michigan State University

CHAIR(S): Ben Derudder, Ghent University

Introducer: Frank Witlox

1:05 Mark I. Wilson*, Michigan State University; Kenneth E Corey, Michigan State University, *Approaching Ubiquity: Global Trends and Issues in ICT Access and Use.***1:25** Emmanouil Tranos*, PhD Candidate, *Internet Infrastructure and Economic Development in the European city-regions.***1:45** Lomme Devriendt*, University of Ghent; Ben Derudder, University of Ghent; Frank Witlox, University of Ghent, *Digital Versus Physical Inter-City Flows. Comparing Internet And Airline Traffic Flows In The Context of The European City Network.***2:05** Stanley D. Brunn*, University of Kentucky, *Classification of World Cities Based on Hyperlink Volume.*

Discussant(s): Richard Hanley

4438. Cognition, Behavior, and Representation III: Methods (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)*Room:* Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Sarah Battersby; Scott Bell, University of Saskatchewan

CHAIR(S): Sara Irina Fabrikant, University of Zurich

1:00 Edward Pultar*, University of California, Santa Barbara; Martin Raubal, University of California, Santa Barbara, *Spatial Behavior Integrating Multiple Network Levels.***1:20** Amy Griffin*, University of New South Wales-ADFA, *Analyzing Sequential Data from Geovisualization User Interactions.***1:40** Sen Xu*, GeoVISTA Center, Department of Geography, The Pennsylvania State University, PA, USA; Alexander Klippel, GeoVISTA Center, Department of Geography, The Pennsylvania State University, PA, USA; Alan MacEachren, GeoVISTA Center, Department of Geography, The Pennsylvania State University, PA, USA; Prasenjit Mitra, Information Science and Technology, The Pennsylvania State University, PA, USA; Ian Turton, GeoVISTA Center, Department of Geography, The Pennsylvania State University, PA, USA; Xiao Zhang, Information Science and Technology, The Pennsylvania State University, PA, USA; Anuj Jaiswal, Information Science and Technology, The Pennsylvania State University, PA, USA, *Exploring regional variation in linguistically encoded movement patterns - a case study.***2:00** Victor Roger Schinazi, PhD*, Center for Cognitive Neuroscience - University of Pennsylvania; Russell Epstein, PhD., Center for Cognitive Neuroscience - University of Pennsylvania, *Learning a real-world route: A functional magnetic resonance imaging (fMRI) study.***2:20** Scott Bell*, University of Saskatchewan; Jace Long, University of British Columbia, *Sketch Mapping and Geographic Knowledge: What Role for Drawing Ability.***4439. Critical Social Theory, Politics, and the Economic Crisis I (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)***Room:* Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Marc Auerbach

CHAIR(S): Marc Auerbach

1:00 James J. Biles*, Indiana University, *Chronicle of a debt foretold: Mexico's FOBAPROA debacle and lessons for the U.S. debt crisis.***1:15** F TC Manning*, CUNY Graduate Center, The Albatross, *The Continuity of Crisis and Capital and the Emergent Exodus Therefrom!.***1:30** Clayton Rosati*, Bowling Green State University, *Into the Red: Consumer Crisis and a Return to "Proletarian Culture".***1:45** Fiona Allon*, Centre for Cultural Research, University of Western Sydney, *The Redistribution of Risk: You can bet your house on it!.***2:00** Marshall Feldman*, University of Rhode Island, *Neoliberalism, Land Rent, and the Great Crash of 2008.*

Discussant(s): Geoff Mann, Simon Fraser University

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- 4440. In the Heart of the Beast: Teaching World Regions, Critiquing Empire (Sponsored by Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group, Geography Education Specialty Group)**
Room: Skybox 212, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Kristin M. Sziarto, University of Wisconsin-Milwaukee; Annette Watson
 CHAIR(S): Elizabeth Lunstrum, York University
1:00 Catherine Veninga
 Panelists: Vincent J. Del Casino, California State University, Long Beach; Kristin M. Sziarto, University of Wisconsin-Milwaukee; Tim Oakes, University of Colorado; Annette Watson; Patricia Burke Wood, York University; Elizabeth Lunstrum, York University
- 4443. China's Emerging City Regions I: Globalization, Innovation, and Development (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)**
Room: North Hall N101, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Yehua Dennis Wei, University of Utah; Yu Zhou, Vassar College
 CHAIR(S): Ingo Liefner, Justus Liebig University Giessen
1:00 Yu Zhou, Dr. *, Vassar College, *Regional comparisons of global-local industrial networks in China.*
1:20 Yehua Dennis Wei*, University of Utah, *Globalization, Innovation, and Regional Development in Suzhou, China.*
1:40 Debin Du*, Department of Human Geography, East China Normal University, *Foreign R&D Investment and China's Indigenous Innovation.*
2:00 Cassandra C. Wang*, The University of Hong Kong; George C.S. Lin, The University of Hong Kong, *State-firm strategic coupling and regional innovation: Insights from the IC design industry in Shanghai.*
 Discussant(s): George Lin, University of Hong Kong; Yifei Sun, California State University, Northridge
- 4444. Securing the future: the role of space in impending crises.**
Room: North Hall N102, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Bethan Evans
 CHAIR(S): Julian J. Holloway, Manchester Metropolitan University
1:00 Bethan Evans, Dr*, *'Fat people are killing polar bears': bodies-technologies-environments in the conflation of obesity and climate change crises.*
1:20 Kevin Ramsey*, University of Washington, *Dissecting mechanisms of local environmental governance: Governmentality and the urban politics of climate change.*
1:40 Stephanie J Simon*, University of Kentucky, *Picturing the secure city: Policing photographers in public spaces through security encounters.*
2:00 Paul O'Hare*, University of Manchester; Jon Coaffee*, University of Manchester, *Striking a Balance between Secure and Democratic Public Geography: The social-spatial implications of 'Homeland Security'.*
2:20 John William Saunders*, City Institute, York University, *Risk and Vulnerability in the In-between City: Governing through Infrastructure.*
- 4445. Author Meets Critics: Kathleen Stewart, Ordinary Affects (Duke UP 2007) (Sponsored by Geographic Perspectives on Women Specialty Group, Social and Cultural Geography)**
Room: North Hall N103, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Mark Jackson, University of Bristol; Vincent J. Del Casino, California State University, Long Beach
 CHAIR(S): Mary Gilmartin, NUI Maynooth
 Introducer: Mark Jackson
 Introducer: Maria Fannin
 Panelists: Soren Larsen, University of Missouri; Cindi Katz, CUNY Graduate Center; Kathleen Stewart, University of Texas; Philip Crang, Royal Holloway, University of London; Divya Praful Tolia-Kelly, Durham University
- 4446. Human Impacts on Watershed Processes 1 - Geochemistry, Water Quality, and Ecological Processes (Sponsored by Water Resources Specialty Group, Geomorphology Specialty Group, Mountain Geography Specialty Group)**
Room: North Hall N107, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; Yong Q Tian, University of Massachusetts - Boston
 CHAIR(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA
1:00 Erin C Hutchison*, Missouri State University; Heather Hoggard, MS, Missouri State University; Robert T. Pavlowsky, PhD., Missouri State University, *Suspended Sediment and Dissolved Solid Transport in the James River, SW Missouri.*
1:20 Ashok Kumar Ghosh*, Dept. of Environment and Water Management, A.N.College, Patna, India; Nupur Bose, Dept. of Geography, A.N.College, Patna, India; Hyunmin Han, University of Michigan, USA, *Declining Water Quality In Perennial Streams: A Case Study of Mid Ganga, India.*
1:40 Yong Q Tian*, University of Massachusetts - Boston; Robert F. Chen, University of Massachusetts at Boston; Qian Yu, University of Massachusetts at Amherst, *Monitoring and assessing the carbon export from coastal watershed to ocean.*
2:00 Stephen Taylor*, Western Oregon University; Bryan E. Dutton, Western Oregon University, *Invasive Plant Distribution in the Luckiamute River Basin, Central Oregon Coast Range: Preliminary Analysis of Geomorphic and Land-Use Variables.*

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4447. **Transportation Efficiency: Fact or Fiction? (Sponsored by Spatial Analysis and Modeling Specialty Group, Transportation Geography Specialty Group)**

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Darren M. Scott, McMaster University

CHAIR(S): Darren M. Scott, McMaster University

1:00 Edmund J. Zolnik*, George Mason University, *A Longitudinal Analysis of Commuting Efficiency in the United States.*

1:20 Bradley W. Lane*, Indiana University, *Transit Provision, Ridership, and Gasoline Prices: A Changing Dynamic for Public Transportation.*

1:40 David H. Kaplan*, Kent State University, *Getting Around Campus in a Sustainable Way: How Can We Change Travel Behavior?*

2:00 William Hochella, PhD Student*, Arizona State University, *An Infrastructure Model for Carbon Capture and Storage Networks in Response to Carbon Credit Prices.*

2:20 Dominik Papinski*, McMaster University; Darren M. Scott, Associate Professor, McMaster University, *Investigating Route Choice Efficiency for Morning Commutes using GPS and GIS.*

4448. **Climatology - Seasonal Variability**

Room: North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert E. Davis, University of Virginia

1:00 Mark D. Schwartz*, University of Wisconsin - Milwaukee; Jonathan M. Hanes, University of Wisconsin - Milwaukee; Liang Liang, University of Wisconsin - Milwaukee; Rong Yu, University of Wisconsin - Milwaukee, *Applications of High-resolution Spring and Autumn Surface Phenology Observations.*

1:20 Keith G. Henderson*, Villanova University, *Local Climate Effects of Autumn Leaf-Drop.*

1:40 Mark L. Hildebrandt*, Southern Illinois University Edwardsville, *A Seasonal Climatology of Particulate Matter (PM10) in Kathmandu, Nepal.*

2:00 Luke J. Sitka*, University of Virginia; Robert E. Davis, University of Virginia, *Seasonal Variability of Springtime Ozone Depletion Events at Alert, Nunavut, Canada.*

2:20 Robert E. Davis*, University of Virginia; Caroline Normile, University of Virginia; Luke Sitka, University of Virginia; David Hondula, University of Virginia; David Knight, University of Virginia; Stephen Gawtry, University of Virginia; Philip J. Stenger, University of Virginia, *Ozone Variability in the Shenandoah Valley, Virginia: A Comparison of Trajectory and Air Mass Approaches.*

4450. **Locating Contexts of Inequality I: Immigration, Race, and Ethnicity (Sponsored by Economic Geography Specialty Group, Population Specialty Group)**

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jamie Goodwin-White, University College

Dublin; Virginia L. Parks, University of Chicago

CHAIR(S): Virginia L. Parks, University of Chicago

1:00 Jamie Goodwin-White*, University College Dublin, *Racialised Geographies of Immigrant Social Mobility.*

1:20 Pascale Joassart-Marcelli, PhD*, San Diego State University, *New Entrants in the Los Angeles Economy: Socio-Spatial Incorporation Processes of Recent Mexican Immigrant Women.*

1:40 Ron Malega*, University of Georgia, *The Neighborhood Aggregation of Affluent Black Households in the United States.*

2:00 Siobhán Rachel McPhee*, University College Dublin, *How is segmentation 'realised' in the Irish labour market?.*

Discussant(s): Mark Ellis, University of Washington

4451. **Residential Landscapes in the Long Term Ecological Research Network (Sponsored by Spatial Analysis and Modeling Specialty Group, Regional Development and Planning Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Robert Gilmore Pontius, Clark University

CHAIR(S): Robert Gilmore Pontius, Clark University

1:00 Kelli L. Larson, PhD*, Arizona State University; Elizabeth Cook, Arizona State University; Sharon Hall, PhD., Arizona State University, *Social-Ecological Dynamics of Residential Landscapes in an Urban Ecosystem Context.*

1:16 Morgan Grove*, USDA Forest Service; Chris Boone, Arizona State University; Jim Fraser, Vanderbilt University, *Green with Envy: Understanding the Social-Ecological Dynamics of Residential Landscapes in the Baltimore Ecosystem Study.*

1:32 Rinku Roy Chowdhury*, Indiana University; Laura Ogden, Florida International University; Jeffrey Onsted, Florida International University, *Characterizing and contextualizing residential land cover in south Florida.*

1:48 Colin Polsky*, Clark University, *Understanding Suburban Landscapes: Lawns, Water, and Zoning in Boston.*

2:04 Robert Gilmore Pontius, Jr*, Clark University; Neeti Neeti, Clark University, *Uncertainty in the difference between maps of future land change scenarios.*

Discussant(s): Paul Robbins, University of Arizona

4452. **Teaching Geography 3: Outside the Classroom**

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Andrew Kukral, Rose-Hulman Inst of Tech

1:00 Gina Bloodworth, PhD*, Salisbury University; Naomi Petersen, Central Washington University, *Washington Railroad Collaborative: Infusing Geographic Education into Informal Learning Environments.*

1:20 Martin Roberge*, Towson University; Linda Cooper, Towson University, *The Geomatics Academy: mathematics education with a Geography twist.*

1:40 Martha E. Geores, Associate Professor*, University of Maryland, *Short Term Study Abroad Pedagogy: Geography of the Caribbean.*

2:00 Bradley C. Rundquist, PhD*, University of North Dakota; Gregory S. Vandeberg, PhD., University of North Dakota, *Fully Engaging Students in the Remote Sensing process through Field Experience.*

2:20 Michael Andrew Kukral*, Rose-Hulman Inst of Tech, *Student Travel Study and Faculty Leaders.*

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- 4453. RTS and Tourism Geographies Special Session: William Eadington - Las Vegas and the World of Gaming (Sponsored by Recreation, Tourism, and Sport Specialty Group, Taylor and Francis)**
Room: North Hall N114, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Alan A. Lew, Northern Arizona University
 CHAIR(S): Sanjay K Nepal, Texas A&M University
 Introducer: Alan A. Lew
1:10 William Eadington
 Discussant(s): Wesley S. Roehl, Temple University
- 4454. Mountain Ice and Snow 1: Glaciers and Water Resources (Sponsored by Cultural and Political Ecology Specialty Group, Cryosphere Specialty Group, Mountain Geography Specialty Group)**
Room: North Hall N115, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Jeffrey Bury, University of California, Santa Cruz; Bryan G. Mark, The Ohio State University
 CHAIR(S): Jeffrey Bury, University of California, Santa Cruz
1:00 Jason E. Box*, The Ohio State University; Russell Benson, The Ohio State University; David Decker, The Ohio State University; David Bromwich, The Ohio State University, *Greenland ice sheet snow line variations 2000-2008*.
1:20 David Decker*, The Ohio State University; Jason Box, The Ohio State University; Russell Benson, The Ohio State University, *Greenland ice sheet tidewater glacier front changes: seasonal and interannual changes 2000-2008*.
1:40 Bryan G. Mark*, The Ohio State University; Jeffrey M McKenzie, McGill University; Michel Baraer, McGill University, *Glacier Volume Loss and Hydrologic Transformation in the Tropical Peruvian Andes*.
2:00 Jeffrey Bury*, University of California, Santa Cruz, *Glacier Recession, Livelihood Vulnerability and New Resource Conflicts in the Peruvian Andes*.
 Discussant(s): Daniel B. Fagre, United States Geological Survey
- 4455. Climate Change and Water Resources: From Impact Assessment to Adaptation I (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Human Dimensions of Global Change Specialty Group)**
Room: North Hall N116, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Heejun Chang, Portland State University; Woonsup Choi, University of Wisconsin-Milwaukee
 CHAIR(S): Heejun Chang, Portland State University
1:00 Mark Bowen*, University of Kansas; William C. Johnson, University of Kansas, *Playa Lakes and Environmental Change: Consequences for the Ogallala Aquifer*.
1:20 IL WON JUNG*, Portland State University; Heejun Chang, Portland State University; Deg Hyo Bae, Sejong University, *Quantifying Uncertainty of Climate Change on Regional Water Resources using Multi-Model Ensemble*.
1:40 Woonsup Choi*, University of Wisconsin-Milwaukee; Sung Joon Kim, University of Manitoba; Kristina Koenig, Manitoba Hydro; Mark Lee, University of Manitoba; Adam Moore, University of Manitoba; Peter Rasmussen, University of Manitoba, *Climate change and surface water resources in northern Manitoba: An approach combining hydrological modeling and statistical downscaling*.
- 2:00** Sarah Praskievicz*, Portland State University, *Impacts of Climate Change and Urban Development on Water Resources in the Tualatin River Basin, Oregon*.
2:20 Kristen Hychka*, Penn State Geography; Denice Wardrop, Penn State Geography; Susan Yetter, Penn State Geography; Mary M Easterling, Penn State Geography; Kevin Dressler, Penn State Institutes for Energy and the Environment; Christopher Duffy, Penn State Civil Engineering; Raymond Najjar, Penn State Meteorology; Richard Ready, Penn State Agricultural Economics and Rural Sociology, *Hydrologic Forecasting for Characterization of Non-Linear Responses of Freshwater Wetlands to Climatic and Land Use Change in the Susquehanna River Basin, USA*.
- 4456. Media Geography IX: Geographies of Film and Television (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)**
Room: North Hall N117, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): James Craine, California State University Northridge; Christopher Lukinbeal, Arizona State University - Department of Geography
 CHAIR(S): Kevin E. McHugh, Arizona State University
1:00 Elena Dell'Agnese*, Università Di Milano-Bicocca, *Gender, nation, race: the magnificent America of "Ugly Betty"*.
1:20 Ann M Fletchall*, Arizona State University, *Landscape and Meaning on Television: Creating Orange County, California*.
1:40 Antonella Rondinone*, Università Di Firenze, *Gendered Mediascapes: A Geographical Analysis of Sex and the City*.
2:00 Kevin E. McHugh*, Arizona State University, *'Mindful' Geographies*.
- 4457. Globalization and Contemporary Urban India I (Sponsored by Urban Geography Specialty Group)**
Room: North Hall N118, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Pablo Bose, University of Vermont; Ananya Roy, University of California - Berkeley
 CHAIR(S): Pablo Bose, University of Vermont
1:00 Ananya Roy*, University of California - Berkeley, *The Blockade and the World City: Kolkata at the Turn of the Century*.
1:20 Nikhil Anand*, Stanford University, *Water Pressure: The Time and Space of Mumbai's Water Supply*.
1:40 Malini Ranganathan*, University of California at Berkeley, *Negotiating Water at the Urban Fringe: Reforms, Politics, and Citizenship Claims in Greater Bangalore*.
2:00 Sapana Doshi*, UC Berkeley, *The Nation and Its Displaced: Redevelopment, Politics and Citizenship in 'Global' Mumbai*.

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- 4458. Marine Geomorphology and Mapping for an Ecosystem-Based Management Approach to Marine Reserve Design and Planning I (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Coastal and Marine Specialty Group)**

Room: North Hall N119, Las Vegas Convention Center (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

1:05 William D. Heyman, PhD*, Texas A&M University, *Four-dimensional resource partitioning at a multi-species reef fish spawning aggregation: Implications for fisheries management.*

1:23 Shinichi Kobara*, Texas A&M University; William D. Heyman, Texas A&M University, *Three-dimensional analysis of reef fish spawning aggregation sites in Belize and the Cayman Islands.*

1:41 Haibin Su*, Texas A&M University; Hongxing Liu, Texas A&M University; William D. Heyman, Texas A&M University, *Object-oriented Image Classification for Benthic Habitats Using Multispectral Quickbird Data.*

1:59 Lisa Wedding*, University of Hawaii, Department of Geography; Alan Friendlander, NOAA Biogeography Branch; Craig Smith, University of Hawaii, Department of Oceanography, *Integrating geomorphological, biological, and human dimension information in GIS to aid in the design of effective deep sea marine protected areas.*

2:17 Pedro Afonso, Department of Oceanography and Fisheries, University of the Azores; PT-9901-862 Horta, Portugal; ph: +351 292200400; fax: +351 292200411; Fernando Tempera, Department of Oceanography and Fisheries, University of the Azores; PT-9901-862 Horta, Portugal; ph: +351 292200400; fax: +351 292200411; Mara Schmiing*, Department of Oceanography and Fisheries, University of the Azores; PT-9901-862 Horta, Portugal; ph: +351 292200400; fax: +351 292200411; Ricardo Serrão Santos, Department of Oceanography and Fisheries, University of the Azores; PT-9901-862 Horta, Portugal; ph: +351 292200400; fax: +351 292200411, *Getting a wider picture: MPA design using multiple conservation features.*

Discussant(s): William Heyman, Texas A&M University

- 4459. GIS and Public Health**

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey Sledge, UW-Madison

1:00 Peiyao Zhang*, Institute of space and earth information science, the Chinese university of Hong Kong; Hui Lin, Institute of space and earth information science, the Chinese university of Hong Kong; Billy K.L. So, The department of history, the Chinese university of Hong Kong; Merrick Lex Beman, Centre for geographic analysis, Harvard University, *A Data Model for Health Cultural Transition of Republican Beijing.*

1:20 Dustyn P Palmer*, Oak Ridge Institute of Science & Education and Centers for Disease Control & Prevention, *Rabies & GIS: A Model for Zoonotic Disease Surveillance.*

1:40 Jordan W. Tompkins, BSc., MA Candidate*, The University of Western Ontario; Isaac N. Luginaah, PhD., Department of Geography, 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; Gillian L. Booth, MD, FRCPC, Institute of Clinical Evaluative Sciences, Department of Medicine, The University of Toronto, *Understanding the Socioeconomic and Neighbourhood Level Effects on Diabetes in London, Ontario, Canada.*

2:00 Li Li*, Texas A&M University, *Explore the Relationship between Urban Growth and Socioeconomic Status (SES) Transformation in the Houston Metropolitan Area during 1995-2005.*

2:20 Jeffrey S. Sledge, PhD. (candidate)*, UW-Madison, *Place Not Pill: Using Local Geography to Treat Metabolic Syndrome.*

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4501. Teaching and Learning GIS: Issues of Spatial Thinking, Educational Frameworks, and Student Needs and Abilities (Sponsored by Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Diana Stuart Sinton, University of Redlands
CHAIR(S): Bob Kolvoord, James Madison University

3:10 Diana Stuart Sinton*, University of Redlands, *A College Class in Spatial Thinking*.

3:30 Matthew Bampton*, University of Southern Maine; Johnson Tora, University of Maine, Machias; Szakas Joe, University of Maine, Augusta; Mcanneny Cathleen, University of Maine, Farmington, *Bridging the Geodigital Divide: Building Workforce Study And Student Assessment Instruments To Support Teaching and Learning GIS In Maine*.

3:50 Bob Kolvoord*, James Madison University; Kathryn Keranen, James Madison University, *Planning a Scope and Sequence for Integrating GIS and Spatial Thinking in K-12 schools*.

4:10 Oda Katsuhiko*, Texas A&M University, *GIS Undergraduate Students' Spatial Misconceptions*.

Discussant(s): Alexander Klippel

4502. Globalization, Greenness, and Time

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Yuichiro Nishimura, Disaster Prevention Research Center, Aichi Institute of Technology

3:10 Won Kyung Kim*, Arizona State University, *Developing and empirically testing a Green Index of urban open spaces in Tempe*.

3:30 Matthias Kracht*, Freie Universität Berlin, *New data collection technologies in space-time research - Experiences from a GPS tracking project*.

3:50 Jae Soen Son*, University of North Carolina at Charlotte, *The Characteristics and Classification of Global Cities from Global Newspaper: Gleaned from The Wall Street Journal, The Financial Times, and Sankei Shimbun*.

4:10 Tsegaye H Nega*, Carleton College, *Time series analysis of human penetration of a landscape by the road infrastructure in Dakota County, Minnesota*.

4:30 Yuichiro Nishimura*, Disaster Prevention Research Center, Aichi Institute of Technology; Kohei Okamoto, Nagoya University; Somkhit Boulidam, National University of Laos, *Time-geographic analysis on natural resource use in a village of the Vientiane plain*.

4503. Biogeography

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

James P Doerner*, University of Northern Colorado; Maria A. Caffrey, University of Tennessee, *Holocene Fire History and Climate Change in Rocky Mountain National Park, USA: Pollen and Charcoal Evidence from Bear Lake*.

Stephen M Edwards*, University of West Georgia; Georgina G DeWeese, University of West Georgia; Thomas Foster, University of West Georgia, *Dendroarchaeological Dating of the Etowah Site in Northern Georgia, USA*.

Youngsang Kwon*, SUNY - Buffalo, *Spatial pattern analysis on Forest growth rate; comparison between FIA periodic and annual inventory*.

Daniel S. Margoles*, Department of Geography, University of Minnesota; Kurt F. Kipfmüller, Department of Geography, University of Minnesota, *Influences of Mountain Pine Beetle on Successional Dynamics in a Whitebark Pine Ecosystem of the Pioneer Mountains, Southwest Montana*.

Linda R. Barrett*, University of Akron, *Population, Agriculture, and Forested Land Area in the Midwestern United States, 1850 to 2000*.

Amanda C. Alfonso*, Concordia University; David F. Greene, Concordia University, *Directional Bias in Conifer Recruitment in Mountains due to Anabatic Winds*.

Matthew J Valente*, University of Tennessee; Zachary P Taylor, University of Tennessee; Daniel B Lewis, University of Tennessee; Sally P Horn, University of Tennessee, *Engaging Middle School Students in Quaternary Paleoenvironmental History: Lessons from the University of Tennessee GK-12 Earth Project*.

Ashley R Pipkin*, Texas A&M University; Diana A Gielstra, Texas A&M University; Charles Lafon, Texas A&M University, *Influences of hurricane winds on forests of the eastern USA*.

Brian J. Crowley*, San Francisco State University; Brian J. Harvey, San Francisco State University; Barbara A. Holzman, PhD., San Francisco State University, *Dynamics of Pine Pitch Canker Severity and Occurrence in a Bishop Pine Forest*.

Karla Hansen-Speer*, Indiana State University; James H. Speer, PhD, Indiana State University; Lynn Harrell, Bureau of Land Management, Kemmerer Field Office, *Dendrochronological Investigation of the Bridger Antelope Trap in Wyoming*.

Eric Da Silva, MSc. Candidate*, University of Guelph; Ze'ev M. Gedalof, PhD., University of Guelph; Lori D. Daniels, PhD., University of British Columbia, *Fire history reconstruction of a mixed-severity system in the Southern Interior of British Columbia*.

Preston Cumming*, The University of Colorado at Boulder, *Predicting Spotted knapweed (Centaurea maculosa) range expansion near Missoula, Montana, using localized climate, elevation, and current observation data*.

Katy Cummings*, Lawrence University; Chad Lane, Lawrence University; Jeff Clark, Lawrence University, *Refining the Spatial Resolution of Lacustrine Proxies of Maize Cultivation*.

Joshua A Kincaid*, Shenandoah University, *Climate-growth relationships of eastern hemlock (Tsuga canadensis) in the Cataloochee Valley of Great Smoky Mountains National Park, USA*.

Alison K Macalady*, University of Arizona; Julio L Betancourt, U.S. Geological Survey, *Migrational History of Pinyon pine (Pinus edulis) on the northern Colorado Plateau*.

Andrew J Maloof*, University of West Georgia; Georgina G DeWeese, University of West Georgia; Henri D Grissino-Mayer, University of Tennessee; Michelle D Carter, University of West Georgia, *The Influence of Multi-Decadal Oscillations on Table Mountain Pine (Pinus pungens Lamb.) Growth and Wildfire Occurrence in the Central Appalachian Mountains, U.S.A.*

Karen Thorne*, UC Davis; Nicole Athearn, USGS; John Takekawa, USGS; Susan Ustin, UC Davis; Debbie Elliott-Fisk, UC Davis, *Modeling the effects of projected sea-level rise on the San Pablo Bay National Wildlife Refuge, California and its endemic endangered species*.

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Rebecca Marchand*, University of New Orleans; Steve Stevens*, University of New Orleans, *Post-Katrina Recovery of the Eastern Gray Squirrel*.

Peng Gao*, University of South Carolina; John A Kupfer, University of South Carolina, *A Flexible Indicator-Based Approach to Assessing the Ecological Integrity of South Carolina Watersheds*.

Brent Sams*, University of North Alabama; Justin Hart, University of North Alabama, *Height-diameter ratios in oaks: is this a useful forest community descriptor?*.

David Austin*, University of North Alabama; Justin Hart, University of North Alabama, *Species-specific responses to small canopy openings in a mature hardwood forest: a dendroecological approach*.

Kevin G. Rohling, Master's Student*, Southern Illinois University Edwardsville, *A Spatial Analysis of Small Road-killed Vertebrates on a Midwestern Suburban Fringe*.

Arley Oddo*, Willamette University, *Forest Fragmentation Over Time in Monmouth Township, Oregon*.

Harumi Warner*, United States Geological Survey; Roger G Sayre, PhD, United States Geological Survey; Jill J Cress, United States Geological Survey, *Land Surface Forms in Africa*.

Courtney Michelle Siegert*, University of Delaware; Delphis F. Levia, PhD., University of Delaware, *An Investigation into the Transpiration and Stomatal Conductance Rates of Three Co-Occurring Seedling Species of Varying Shade Tolerance*.

Amos Desjardins*, Virginia Tech; Lynn M. Resler, Virginia Tech, *Characterization of tree island microclimates in the Northern Rocky Mountains*.

Maria Caffrey*, University of Tennessee; Sally P. Horn, University of Tennessee; Kenneth H. Orvis, University of Tennessee; Kurt Haberyan, Northwest Missouri State University, *A Reconstruction of Coastal Paleoenvironmental Change from Laguna Saladilla, Dominican Republic*.

Eric Autrey*, Willamette University, *Edaphic and Topographic Effects on Forest Patterns In Monmouth Township Oregon*.

Hannah Wells*, Willamette University, *Forest Cover Change Over Time in Monmouth Township, Oregon*.

Cori Armes*, University of Toronto; Nathan Basiliko, University of Toronto; Tim Moore, McGill University; Sami Ullah, McGill University, *Impacts of increased atmospheric nitrogen pollution on methane dynamics in northern peatlands*.

Jeffrey Kane*, Northern Arizona University; Thomas E. Kolb, PhD, Northern Arizona University, *Resin duct density predicts mortality in ponderosa pine forests of northern Arizona*.

4504. Commemorating 100 years TESSG

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Jan Van Weesep, University of Utrecht

CHAIR(S): Jan Van Weesep, University of Utrecht

3:10 Jan Nijman*, University of Miami, *"The Congruence of Social and Economic Geography: A Study of Space in Mumbai's Slums"*.

Discussant(s): Ron Johnston, University of Bristol; Kavita K. Pandit, State University of New York

4505. ACME Debate: "Critical Practice" of Grant Application and Administration (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Harald Bauder, Ryerson University

CHAIR(S): Harald Bauder, Ryerson University

Panelists: Pierpaolo Mudu, Universita Di Roma; Nadine Schuurman, Simon Fraser University; David Wilson, University of Illinois; Anssi Paasi, University of Oulu; Ze'ev Gedalof, University of Guelph; Lawrence D. Berg, University of British Columbia; David Butz, Brock University; Bernd Belina, Universität Potsdam, Institut Für Geographie

4506. Infrastructures of power: democratising water technologies

Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Jessica Budds, The Open University; Alex

Loftus, Royal Holloway, University of London

CHAIR(S): Alex Loftus, Royal Holloway, University of London

Panelists: Alana Bolland, University of Toronto; Jessica Budds, The Open University; Olivier Graefe, University of Fribourg; Alex Loftus, Royal Holloway, University of London; Katharine Meehan, University of Arizona; Kathleen O'Reilly, Texas A&M University; Chad Staddon, University of the West of England; Farhana Sultana, Syracuse University

4507. RSSG Student Honors Paper Competition II (Sponsored by Remote Sensing Specialty Group)

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Paul Merani, University of Nebraska;

Benjamin Tuttle, University of Denver/University of Colorado, Boulder

CHAIR(S): Paul Merani, University of Nebraska

3:10 Lei Wang*, *A new watershed segmentation method and its application in settlement extraction from remotely sensed data*.

3:30 Suzanne C. Walther*, University of Oregon; W. Andrew Marcus, University of Oregon; Mark A. Fonstad, Texas State University, San Marcos, *Evaluating the HAB-2 bathymetric mapping model for different river characteristics on the McKenzie River, Oregon*.

3:50 Jahan Kariyeva*, University of Arizona; Willem J.D. van Leeuwen, PhD., University of Arizona, *Land Surface Phenological Responses to Changes in Land and Water Use, Climate and Socio-Economics: Central Asia before and after the USSR Collapse*.

4508. Climate Specialty Group John Russell Mather Paper of the Year (Sponsored by Climate Specialty Group)

Room: Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Michael A. Palecki, National Climatic Data Center

CHAIR(S): Michael A. Palecki, National Climatic Data Center

4509. Geography Careers, Wounded Warriors, and Opportunities for all Disabled Peoples (Sponsored by Medical Geography Specialty Group, Applied Geography Specialty Group, Disability Specialty Group)

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Edwin C. Butterworth, United States Army Engineer Research & Development Center

Introducer: Edwin C. Butterworth

3:20 Johanne Sanschagrin

WEDNESDAY, MARCH 25 • 3:10 PM - 4:50 PM • 4500**4510. Urban Distress**

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Devon A. Hansen, University of North Dakota

3:10 Brian A. Mikelbank*, Cleveland State University; Charlie Post, Cleveland State University; Ivan Maric, Cleveland State University; Tom Bier, Cleveland State University, *No Ivory Tower Here: The University and the Foreclosure Crisis in Cleveland, OH.*

3:30 Kevin Flaherty, BA*, California State University Long Beach, *Long Beach in Context.*

3:50 Andre Graves*, University of Buffalo, *Defining "Smart Decline" in Youngstown, Ohio and Buffalo, New York.*

4:10 Philip Ashton*, University of Illinois-Chicago, *Differential Citizenship in the Subprime Mortgage Market.*

4:30 Devon A. Hansen*, University of North Dakota, *Neighborhood Revitalization and Community Investment: The Near North Neighborhood in Grand Forks, North Dakota.*

4511. A Regional Approach to Afghanistan (Sponsored by Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Military Geography Specialty Group)

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Panel Session)

ORGANIZER(S): L. Jean Palmer-Moloney, Barton College; Joseph P. Hupy, UW - Eau Claire

CHAIR(S): L. Jean Palmer-Moloney, Barton College

Introducer: L. Jean Palmer-Moloney, Barton College

Discussant(s): Douglas Batson, U.S. Board on Geographic Names

Speaker(s): Barnett Rubin, Center on International Cooperation

4512. Teaching Against Occupation: Responding to Gaza

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Panel Session)

ORGANIZER(S): Bruce Braun, The Graduate Center, The City University of New York; Vinay K. Gidwani, University of Minnesota

CHAIR(S): Bruce Braun, The Graduate Center, The City University of New York

Panelists: Bruce Braun, The Graduate Center, The City University of New York; Vinay K. Gidwani, University of Minnesota; Sallie A. Marston, University of Arizona; Joel D Wainwright, The Ohio State University; Neil Smith, City University of New York; Tamar Mayer, Colgate University; Waquar Ahmed, Mount Holyoke College

4513. Next Generation Globalization II: Networks and Practices (Sponsored by Economic Geography Specialty Group)

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Yuko Aoyama, Clark University; Nicholas A. Phelps

CHAIR(S): Yuko Aoyama, Clark University

3:10 James T. Murphy*, Clark University, *Practicing globalization in Bolivia's wood products industry: A relational perspective on South-to-North value chain relations.*

3:30 Godfrey Yeung*, National University of Singapore, *Regional Price Differentiation, Societal and Network Embeddedness: Parallel Imports as Distribution Networks in Automobile.*

3:50 Thomas Kemeny*, University of California, Los Angeles, *Are international technology gaps growing or shrinking in the age of globalization?.*

4:10 Christopher S. Fowler, PhD*, University of Washington, *Rising oil prices and globalization: a comparative analysis of general equilibrium and agent-based methods.*

4:30 Wai-San Sancia Wan*, London School of Economics, *Global and Regional Sourcing of Contact Center Services: A Survey Study on Hong Kong and Mainland Chinese Firms.*

4514. Environmental and Humanitarian Applications of Geospatial Technologies I

Room: *Capri 101, Riviera Hotel, 1st Floor* (Paper Session)

CHAIR(S): Lowry Taylor, U.S. Department of State; Narcisa Pricope

3:10 Ashbindu Singh*, UNEP; Charles Sebukeera, UNEP, *Africa: Atlas of our Changing Environment.*

3:30 Issa Ouedraogo*, Swedish University of Agricultural Sciences; Patrice Savadogo, Swedish University of Agricultural Sciences; Muluaem Tigabu, Swedish University of Agricultural Sciences; Per Chister Odén, Swedish University of Agricultural Sciences; Jean-Marie Ouadba, INERA/DPF, Burkina Faso, *Land-cover Change Trajectories in Southern Burkina Faso, West Africa.*

3:50 Anders Wastfelt*, Tsegaye Tegenu, Michael Nielsen, Bo Malmberg, *To see the invisible: Mapping land use, migration and subsistence dependency in the SODO district in Ethiopia by using spatial relational post classification of a satellite image.*

4:10 Jake D. Gentry*, Appalachian State University; Christopher A. Badurek, Appalachian State University, *A Spatial Analysis of Socioeconomic Indicators and Refugee Camp Environmental Impacts in Western Tanzania.*

4:30 Narcisa Gabriela Pricope*, University of Florida, *The impact of flood decreases on ecosystem resilience in a semi-arid savanna watershed in Southern Africa.*

4516. Physical Geography and Land Use

Room: *Capri 103, Riviera Hotel, 1st Floor* (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Terrance Anthony, Portland State University

3:10 Shelby Zelonis, M.S Candidate, Geography*, University of South Carolina; Ben Odhiambo Kisila, PhD, University of Mary Washington, *Dam Removals at Holts Creek: Recording Downstream Geomorphic Adaptations to the Reversal of Anthropogenic Disruptions to a Fluvial System.*

3:15 Alice Orlich*, Geography Dept. UAF; Jennifer Hutchings, PhD, International Arctic Research Center; Anupma Prakash, PhD, Geophysical Institute, UAF, *Comparing Field Observations of Arctic Sea Ice to AMSR-E Sea Ice Products During the International Polar Year 2007-2009.*

3:20 Rachel Berndtson*, Geography Student at University of Maryland; Rachel Berndtson, Geography Student at University of Maryland, *Shoreline Erosion in the Outer Banks, North Carolina and its Resulting Political Ecology.*

3:25 Gregory S. Bohr*, California Polytechnic State University, San Luis Obispo, *Persistence of Multi-day Extreme Heat Events in the Western United States.*

3:30 Patrick Dryer*, Missouri State University; Robert T. Pavlowsky, Missouri State University; Scott A. Lecce, East Carolina University; Derek J. Martin, Missouri State University, *Mining-related contamination of channel and overbank sediments in the Big River, Old Lead Belt, SE Missouri.*

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3:35 Diana Smith*, San Diego State University, *The effects of climate change on rare flowering vascular plants of the Arctic.*

3:40 Danielle Page Aiello*, United States Geological Survey; Alicia Torregrosa, United States Geological Survey, *A knowledge management approach for complex regional ecosystem modeling in Puget Sound.*

3:45 Johan Liebens*, University of West Florida; Carl J. Mohrher, University of West Florida; K. Ranga Rao, University of West Florida, *Spatial distribution and potential origin of pollutants in an estuary bordered by multiple land uses.*

3:50 Prabha Joshi*, Clark University; Henry N Bulley, Clark University; Umesh K Haritashya, University of Dayton, *Assessment of Vulnerability of the Sagarmatha Himalayan Region to Glacial Lake Outburst Floods (GLOF) and Policy Adaptations in Nepal.*

3:55 Sandra Kulon, B.Sc., MSA*, University of Western Ontario; Micha Pazner, PhD, University of Western Ontario; Darin Wagner, MSc, PGO, West Timmins Mining Inc.; Ken Kuiper, Platinum Group Metals, *Remote Sensing and GIS Modeling for Gold Search.*

4:00 Raymond Watts*, United States Geological Survey; Todd J Hawbaker, United States Geological Survey; Vivian Queija, United States Geological Survey, *Pilot Study of Influences of Shoreline Development on Herring Spawning in Puget Sound.*

4517. Water and Hazards

Room: Capri 104, Riviera Hotel, 1st Floor (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Laiyin Zhu, Department of Geography, Texas A&M University

3:10 David A Call*, Ball State University, *Emergency Management Response to Ice Storms.*

3:15 FLOR DIAZ*, STUDENT, *An assessment of the vulnerability of the Cangrejo Arriba, Carolina, Puerto Rico for a tsunami event.*

3:20 Jacob Sopher, A.S.*, University of California, Santa Barbara, *Role of geospatial technology in Wildfire Management.*

3:25 Kathryn Mann*, University of Nevada, Reno; Kathryn B Mann, Master's student, University of Nevada, Reno, *Conservation Easements and River Conservation; A Case Study in Nevada.*

3:30 Mindy M Syfert*, Stanford University; Jenna Davis, Stanford University; Anne Thebo, Stanford University, *Spatial analysis of water supply, hygiene, and child health in Dar es Salaam, Tanzania.*

3:35 Genevieve M Schaad, UW-Madison*, University of Wisconsin - Madison, *The Black Sea Flood, and the dangers of sea level rising.*

3:40 Mary E Paulet, Graduate Student*, California State University Los Angeles, *Hurricane Strength and Loss of Life-A direct correlation?*

3:45 Hilary Hungerford*, University of Kansas, *Women, Water, and Privatization in Niamey, Niger.*

3:50 Sangeeta Singh*, Metropolitan State College of Denver; sangeeta singh, Metropolitan State College of Denver, *An Analysis of the Impact of Human and Environmental Factors on Sagar Island, West Bengal, India.*

3:55 Bohumil Maurice Svoma*, Arizona State University; Robert C. Balling Jr, Arizona State University, *An anthropogenic signal in Phoenix, Arizona winter precipitation.*

4:00 Laiyin Zhu*, Department of Geography, Texas A&M University, *An Observational Study of Sea-Land Breeze(SLB) on the West Coast of Bohai Sea in China.*

4518. Author Meets Critics: Trevor Paglen's "Blank Spots on the Map"

Room: Capri 105, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Jenna M. Loyd, City University of New York

CHAIR(S): Jenna M. Loyd, City University of New York
Panelists: Jon Kosek; Nicholas Brown, University of Illinois at Urbana-Champaign; Shiloh R. Krupar, University of California, Berkeley; Stephen Graham, Durham Geography; Trevor Paglen, U.C. Berkeley

4519. Wind Energy in the 21st Century I

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Michael Slattery, Texas Christian University
CHAIR(S): Michael Slattery, Texas Christian University

3:10 Michael C Slattery*, Texas Christian University, *The TCU/Oxford/FPL Energy Wind Research Initiative: An Overview.*

3:30 Becky J. Richards, P.G.*, Texas Christian Univ., *Socioeconomic Implications of the Wind Industry in Texas: A Case Study of Sterling and Coke Counties.*

3:50 Jeffrey A. Swofford*, Texas Christian University, *Social Perceptions of Wind Energy in Texas.*

4:10 Matthias Fripp*, Environmental Change Institute, Oxford University, *Optimal Investment in Wind and Solar Power in California.*

4520. Supporting Women in Geography (SWIG): Continuing Our Conversations Part 2, Graduate School and Beyond

Room: Capri 107, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Ann Myatt James, Penn State University; Marina Viola, Pennsylvania State University
CHAIR(S): Tricia Ruiz, University of Washington

4524. The cultural economy of small cities: creativity, knowledge and urban spatial development (2): Theory, methodology and practice

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Mark Jayne, University of Manchester; Bas Van Heur

CHAIR(S): Bas Van Heur

3:10 Dominik Papenheim*, University of Trier; Ulrike Sailer, University of Trier, *Creative Enterprises, Cluster Initiatives and Economic Development: Theoretical Discourses and Empirical Findings from Offenbach, Germany.*

3:30 Nina Gribat*, Sheffield Hallam University, Urban and Regional Studies, *The Governmentality of a Small Town's Cultural Economy. The case of Hoyerswerda, Saxony, East Germany.*

3:50 Chris Brennan-Horley*, University of Wollongong, *Finding creativity in a small city: how qualitative mapping methods can reveal new geographies of creativity.*

4:10 Sylvette Puissant, Research Engineer*, Université Montesquieu-Bordeaux IV GREThA; Claude Lacour, Professor emeritus*, Université Montesquieu-Bordeaux IV GREThA, *Are services in the small cities indicative of a creative economic culture?*

Discussant(s): Emanuele E.N. Bompan, University of Wisconsin

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4525. Topics in Biogeography 2

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Farrell, San Diego State University

3:10 William P. Tyminski*, Carolina Tree-Ring Science

Laboratory, UNC-Greensboro, *Tree-ring Data and Estimating Maple Syrup Production in New York.*

3:30 Stacy Jørgensen*, University of Hawaii at Manoa; Rodney Mauricio, University of Georgia, *Landscape history and population genetic structure of the non-native weed Arabidopsis thaliana in the southeastern United States.*

3:50 Marie-Eve Lemieux*, McGill University; Ian B. Strachan, McGill University; Nigel T. Roulet, McGill University, *From Forest to Lake: Effect of Hydroelectric Reservoir Impoundment on the Net Ecosystem Exchange of CO₂.*

4:10 Michael Farrell, PhD Candidate*, San Diego State University, *Using a process-based hydrologic model (RHESSys) to predict patterns of summer streamflow response to climate warming in headwater streams of the Oregon Cascades.*

4526. The Changing Geographies of the Arctic and Northern Regions: II (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Canadian Studies Specialty Group, Indigenous Peoples Specialty Group, Cryosphere Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Timothy Edmund Heleniak, University of Maryland; Andrey N Petrov, University of Toronto

CHAIR(S): Andrey N Petrov, University of Toronto

3:10 Erin A Freeland Ballantyne, MSc*, University of Oxford, *Climate Change, Health and Petro-Capitalism in the Arctic.*

3:30 Brendan Griebel*, University of Toronto, *The Cartographies of History: Place, Multivocality and the Archaeological Mapping of Northern Indigenous Heritage.*

3:50 Jussi S. Jauhiainen*, University of Oulu; Helka Moilanen, University of Oulu, *Governance of Technology Development Networks in Periphery. The Case of Multipolis in Northern Finland.*

4:10 Katri Suorsa*, University of Oulu, *Innovation systems and policies in less-favoured regions: the case of Northern Finland.*

4:30 Markku J. Tykkyläinen*, University of Joensuu; Olli Lehtonen, University of Joensuu, *Impacts of Russian Roundwood Export Tariffs: How Can a Finnish Border Economy React?.*

4527. Spinoza Redux (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Dean W Bond, University of Toronto; Susan Ruddick, University of Toronto

Panelists: Keith Woodward, University of Exeter; Giorgio Hadi Curti, San Diego State University; Dean W Bond, University of Toronto; Susan Ruddick, University of Toronto; Lindsay Stephens

4528. Remote Sensing and GIS Applications in Biogeography (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Kirk M. Stueve, Texas A&M University; Dawna L. Cerney, Youngstown State University

CHAIR(S): Kirk Marcos Stueve, Texas A&M University

Introducer: Kirk Marcos Stueve, Texas A&M University

3:15 Savitha Ganapathy, PhD*, University of the West Indies, Jamaica, *Forest fire dynamics and fire-risk mapping in tropical forests of Jamaica using GIS and remote sensing.*

3:34 Kirk M. Stueve, PhD Candidate*, Texas A&M University; Rachel E. Isaacs, MS, Texas A&M University; Roseann V. Densmore, PhD, USGS Alaska Science Center; Lucy E. Tyrrell, PhD, Denali National Park and Preserve; Martin Wilmking, PhD, University of Greifswald, *Treeline shifts in Denali's Outer Range: Influences of climate change and local site conditions.*

3:53 Thomas P Albright*, University of Wisconsin - Madison; Chadwick D. Rittenhouse, University of Wisconsin-Madison; Anna M. Pidgeon, University of Wisconsin-Madison; Curtis D. Flather, United States Forest Service; Patrick D. Culbert, University of Wisconsin-Madison; Murray K. Clayton, University of Wisconsin-Madison; Brian D. Wardlow, University of Nebraska-Lincoln; Volker C. Radeloff, University of Wisconsin-Madison, *Diverse responses of avian communities to heat waves.*

4:12 Narendran Kodandapani, PhD*, Grays Harbor College, *Comparative analysis of forest fires in human dominated landscapes.*

4:31 Alberto Giordano, PhD, Texas State - San Marcos; Dawna L. Cerney, PhD*, Youngstown State University, *Evaluation of the Extent and Nature of Human Induced Landscape Transformation on Nantucket, MA from 1887 to Present Day.*

4529. The Geographical Review in the 21st Century and the Wrigley-Fairchild Award

Room: Skybox 201, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Craig Colten, Louisiana State University

Introducer: Mary Lynne Bird

Panelists: Alexander B. Murphy, University of Oregon; Marie D. Price, George Washington University; Craig Colten, Louisiana State University; Larry R. Ford, San Diego State University; Douglas J. Sherman, Texas A&M University

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4530. Following the Green Revolution II: Ideologies, Inequalities, Offshoots (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Pratyusha Basu, University of South Florida, Tampa; Bruce A. Scholten, Durham University, UK
 CHAIR(S): Pratyusha Basu, University of South Florida, Tampa
3:10 Sarah J. Halvorson*, The University of Montana, *Saffron in Spain: Reconciling Issues of Trade and Tradition*.
3:30 Alan Terry*, University of the West of England, Bristol; Alan Keith Terry, University of the West of England, Bristol, *Ten years after: the socio-economic impacts of irrigated sugar cane production on a community in the lowveld of Swaziland*.
3:50 Asmita Bhardwaj, Ms.*, Cornell University, Department of City and Regional Planning, *Genetically Modified Cotton and India's Emerging Economy*.
4:10 Bruce A. Scholten, Dr.*, Durham University, UK, *Dairy Wars in India: farmer cooperatives, politics and neoliberalism*.
 Discussant(s): William G. Moseley, Macalester College

4531. Topics in Environmental GIScience

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Timothy Richmond Green, University of Tennessee
3:10 Caitlin L. Chason*, San Diego State University, *Monitoring the Impact of Short Interval Fire Frequency on the Post-fire Recovery of Coastal Sage Scrub, San Diego County, California*.
3:30 Tim Edgar*, University of Utah; Rick Forster, PhD, University of Utah; Andrea Brunelle, PhD, University of Utah; Philip Dennison, PhD, University of Utah, *The use of cluster analysis as a means of detecting zones of transition in radar imagery on the Southern Patagonia Icefield*.
3:50 Federico Martellozzo*, Student, *Unesco Arid Index derived from 'Giovanni' remote sensing data. The case of study of Subsaharian regions*.
4:10 Timothy Richmond Green*, University of Tennessee, *The Relationship between Land-cover Change and Socioeconomic Drivers in Tennessee: A Multi-tier Analysis*.

4532. Topics in Medical Geography

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Craig Anne Heflinger, Vanderbilt University
3:10 Christine Chung*, Macalester College, *Risk Factors of Young Females to HIV/AIDS in Jamaica*.
3:30 Anna Popinchalk*, Macalester College, *Refugees, HIV/AIDS and Access to Medical Care: A Case Study of Cairo, Egypt*.
3:50 Emmanuel Eliot*, CNRS / UMR IDEES / University of Le Havre (France), *Door-places: proposals for a geography of HIV/AIDS*.
4:10 Christopher Todd Story*, University of North Texas; Joseph R. Oppong, University of North Texas; Chetan Tiwari, University of Iowa, *Spatial Patterns of HIV/AIDS Prevalence in Texas*.
4:30 Craig Anne Heflinger, PhD.*, Vanderbilt University; Daniel E. Leland, MS, Peabody College of Vanderbilt University, *Examining Rural, Gender, and Race Disparities in Access to Adolescent Substance Abuse Treatment*.

4533. Political Geography of Energy I (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group, Energy and Environment Specialty Group)

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Johanna Haas, Illinois State University
 CHAIR(S): Johanna Haas, Illinois State University
 Introducer: Johanna Haas
3:10 Johanna Haas, J.D., PhD.*, Illinois State University, *Energy, extraction, and conflict: Comparative landownership in energy resource land*.
3:30 Emma Hemmingsen*, University of Toronto, *Beyond Conventional: Producing Barrels from Bitumen in the Alberta Oil Sands*.
3:50 Melinda Harm Benson, J.D.*, University of New Mexico, *Political Geography of Coalbed Methane Development in Wyoming's Powder River Basin*.
4:10 L. Marshall*, University of North Carolina at Chapel Hill, *Nuclear South: the changing industrial landscape of the Southeast*.
4:30 Anders Underthun*, Norwegian University of Science and Technology, Trondheim, *The scalar politics of the "Skanked" natural gas pipeline project*.

4534. Right(s) to the City: taking account of current initiatives and debates (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Skybox 206, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Mark H. Purcell, University of Washington
 Panelists: Mark H. Purcell, University of Washington; Meghan Cope, University of Vermont; Susan Fainstein, Harvard University; Jacqueline Leavitt, UCLA; Tony Samara, George Mason University; Peter Marcuse

4535. Migration and Mobility (Sponsored by Latin America Specialty Group, Ethnic Geography Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Jose R. Diaz-Garayua, Kent State University; Ramon Luis Concepcion Torres
 CHAIR(S): Luis D. Sanchez, Florida State University
 Introducer: Jose R. Diaz-Garayua
3:20 Neiset Bayouth*, Rutgers The State University of New Jersey, *Spaces of illegality: How the Media, Immigration Law and Market Forces Define Belonging or Exclusion for Latino undocumented migrants and Arab-Muslims*.
3:40 Ramon Luis Concepcion Torres*, University of North Carolina at Charlotte, *The Examination of Latinos Socioeconomic Status and Settlement Patterns in Charlotte*.
4:00 Paul N. McDaniel*, University of North Carolina at Charlotte; Heather A. Smith, University of North Carolina at Charlotte; Thad Dixon, University of North Carolina at Charlotte; Michael Dulin, Carolinas Medical Center, Eastland Family Practice Clinic, *Hispanic Hyper-Growth and Health Care Provision: Geographic Challenges and Opportunities in Charlotte, North Carolina*.
4:20 Juan Carlos Garcia-Ellin*, University of California - Los Angeles, *The housing market as factor in the selection of new destinies of the Hispanic domestic migration in the US*.
 Discussant(s): Luis D. Sanchez, Florida State University

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4538. Cognition, Behavior, and Representation IV: Domains (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Sarah Battersby; Scott Bell, University of Saskatchewan

CHAIR(S): Sarah Battersby

3:10 Rui Li*, The Pennsylvania State University; Alexander Klippel, The Pennsylvania State University, *Stuck in the Stacks: Assessing and Solving Wayfinding Problems in Complex Buildings.*

3:30 Jeremy White*, University of Wisconsin, *Multi-touch Interfaces for Map Navigation.*

3:50 Tom Auer*, The Pennsylvania State University, *Explicitly Representing Geographic Change in Map Animations.*

4:10 Craig A. McCabe*, Penn State University, *The Effects of Temporal Smoothing and Map Abstractions on Interpreting Patterns in Animated Infectious Disease Data.*

4:30 Drew Dara-Abrams*, University of California, Santa Barbara, *Measuring, Analyzing, and Visualizing an Individual's "Image of the City" with the Cognitive Surveying Framework.*

4539. Critical Social Theory, Politics, and the Economic Crisis II (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Marc Auerbach

CHAIR(S): Mathew Coleman, Ohio State University

Panelists: Henry Wai-chung Yeung, National University of Singapore; Jayson Funke, Clark University; Jim Glassman, University of British Columbia; Geoff Mann, Simon Fraser University; Darla Munroe, Ohio State University

4540. Virtual Learning Environments and Geographic Education (Sponsored by Geography Education Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Michael N. DeMers, New Mexico State University

CHAIR(S): Michael N. DeMers, New Mexico State University

3:10 Michael N. DeMers, PhD.*, New Mexico State University, *Using Second Life to Augment an Online GIS Course.*

3:30 Merrill L. Johnson, PhD.*, University of New Orleans, *Identify Formation and Expression in Second Life: Implications for the Use of Virtual Places in Education.*

3:50 L Jesse Rouse*, West Virginia University; Susan Bergeron, West Virginia University, *Building and experiencing virtual worlds.*

4:10 Nicholas Hedley, PhD.*, Simon Fraser University, *Spatial Interface Research Lab/Department of Geography, Mixing reality and virtuality in the geospatial metaverse.*

Discussant(s): Casey D Allen, University of Colorado Denver

4543. China's Emerging City Regions II: Globalization, Innovation, and Development (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Yehua Dennis Wei, University of Utah; Yu Zhou, Vassar College

CHAIR(S): Yu Zhou, Vassar College

3:10 Chi K. Leung, PhD.*, California State University, Fresno, *Ownership Evolution of International Manufacturing Joint Ventures in Shanghai.*

3:30 Ingo Liefner*, Justus Liebig University Giessen, *Network Analysis of China's Optical Technology Sector.*

3:50 Juliane Bielinski*, University of Hanover, *Internationalization of R&D to China and innovation efforts - A study of German companies in the field of automobile, chemical and high-tech industries.*

4:10 Canfei He*, Peking University; Godfrey Yeung, Department of Geography, National Singapore University, Singapore 117570; Rong Fu, Peking University, *Locational Distribution of Foreign Banks in China: A Disaggregated Analysis.*

4:30 David W. Edgington*, University of British Columbia; Roger Hayter, Simon Fraser University, *Taiwan and Greater China: The Changing Role of Japanese Electronics Firms.*

4544. Development, nation and representation in contemporary China (Sponsored by China Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Alana Boland, University of Toronto

CHAIR(S): Hong Jiang, University of Hawaii

3:10 Jessica Wilczak*, University of Toronto, *"Migrants Troubled by Lack of Sex": The Politics of Solitude for Migrant Workers in Contemporary China.*

3:30 Chun-Kai Woo*, Department of Geography, National Taiwan University, *Tourism and the commoditization of identity: Discourse of Representing "Chineseness" in Hong Kong after 1997.*

3:50 Kai Chi Leung*, University of Hong Kong, *Imaginative Geographies of Latin America in a Chinese Online Forum.*

4:10 Afton Clarke-Sather*, University of Colorado, *Veins of the Nation: Development, Dams and Nation Building in Ningxia.*

4:30 Hong Jiang, PhD*, University of Hawaii, *Wither China's Great Green Wall: The making of ecological and political myths.*

4545. Postcolonial Migrations (Sponsored by Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Mary Gilmartin, NUI Maynooth; Susan P. Mains, University of the West Indies-Mona

Introducer: Mary Gilmartin

Panelists: Parvati Raghuram, The Open University; Declan Cullen; Robina Mohammad, University of Plymouth; Jamie Winders, Syracuse University; Divya Praful Tolia-Kelly, Durham University; Susan P. Mains, University of the West Indies-Mona

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ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; John Faustini, Oregon State University

CHAIR(S): Chansheng He, Western Michigan University

3:10 Anne Chin*, University of Oregon; Martin W. Doyle, University of North Carolina; William L. Graf, University of South Carolina; Carol P. Harden, University of Tennessee; Francis J. Magilligan, Dartmouth College; W. Andrew Marcus, University of Oregon; Richard A. Marston, Kansas State University; Patricia F. McDowell, University of Oregon, *Integrated Human-landscape Systems*.**3:30** Michael K. Steinberg*, University of Alabama, *Perceptions of Brook Trout Habitat Improvement Projects in the Green and White Mountain National Forests*.**3:50** David Shankman*, University of Alabama, *Landscape Changes Affecting Flood Risk in China's Poyang Lake Region*.**4:10** Andrew Bach, PhD*, Western Washington University, *Geomorphic and Ecological Impacts of a 94-year Old Dam on a Salmon-Bearing River in the Pacific Northwest*.**4547. The Geography of Air Transportation (Sponsored by Transportation Geography Specialty Group)****Room:** North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Keith Debbage, University of North Carolina - Greensboro

CHAIR(S): Keith Debbage, University of North Carolina - Greensboro

3:10 Kurt Fuellhart*, Shippensburg University, *Do frequent-flyer awards really exist? One American legacy carrier and the availability of "free" and upgraded seats on international routes*.**3:30** Pere Suau-Sanchez*, Universitat Autònoma Barcelona; Guillaume Burghouwt, SEO Economic Research; Montserrat Pallares-Barbera, Universitat Autònoma de Barcelona, *The Spanish aviation network: the competitive position of Madrid and the Mediterranean axis, 2000-2008*.**3:50** Khaula Alkaabi*, Keith Debbage, *The Geography of Air Freight by Metropolitan Area*.**4:10** Kevin O'Connor, PhD*, University of Melbourne, *Air Freight and Global Logistics Regions*.**4:30** Elizabeth A Mack*, Indiana University; Tony H Grubestic, PhD., Indiana University, *The Spatial and Temporal Dynamics of Commercial Airline Service in the United States*.**4548. Cryosphere****Room:** North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mary D. Lemcke, University of Delaware

3:10 Sean R Helfrich*, NOAA \ National Ice Center; Pablo Clemente-Colón, NOAA \ National Ice Center; Jeremy Langley, US Navy \ National Ice Center; Kevin Berberich, NOAA \ National Ice Center; James Brinkley, NOAA \ National Ice Center, *A comparison of 2007 and 2008 in-situ sea ice observations with remote sensing imagery and products in the Western Arctic*.**3:30** Martin Byrne*, Department of Geography, The University of Montana; Ulrich Kamp, Department of Geography, The University of Montana; Tobias Bolch, Institut Für Kartographie, Technische Universität Dresden, *Glacier Monitoring in Ladakh and Zaskar, northwestern India*.**3:50** Yongwei Sheng*, UCLA; Junli Li, UCLA; Laurence C. Smith, UCLA; Chintan A. Shah, UCLA; Evan A. Lyons, UCLA; Jida Wang, UCLA, *A Systematic Assessment of Pan-Arctic Lake Dynamics*.**4:10** Mary D. Lemcke*, University of New Hampshire, *Evaluating sub-grid-scale variability in gridded sea-ice thickness observations*.**4549. Historical, Urban, Rural and Agricultural Change****Room:** North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John A. Cross, University of Wisconsin-Oshkosh

3:10 Eirin Hongslo, MSc*, Norwegian University of Life Sciences; Rick Rohde, PhD, University of Edinburgh; Timm Hoffman, Professor, University of Cape Town, *Landscape change and ecological processes in Namaqualand, South Africa, 1939 to 2005*.**3:30** Whitney Berry*, Stanford University; Mithu Datta*, Stanford University, *Constructing a Historical GIS for 19th Century Rio de Janeiro, Brazil*.**3:50** Effie Davidson Scott*, Syracuse University, *The Great Plains: The Past, Present, and Future of a Misunderstood Landscape*.**4:10** John A. Cross, PhD*, University of Wisconsin-Oshkosh, *Two Decades of Change in Wisconsin's Dairy Industry*.**4:30** Joshua Klein*, Penn State University, *A Study of Proposed Rail Routes in Pittsburgh*.**4550. Locating Configurations of Inequality II: Labor Markets and Employment (Sponsored by Economic Geography Specialty Group, Population Specialty Group)****Room:** North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jamie Goodwin-White, University College

Dublin; Virginia L. Parks, University of Chicago

CHAIR(S): Jamie Goodwin-White, University College Dublin

3:10 Virginia L. Parks, PhD*, University of Chicago, *Geography and Racial Wage Inequality: Unevenness and Black-Immigrant Differences across U.S. Labor Markets*.**3:30** Abigail M Cooke*, UCLA; David Rigby, UCLA, *Decomposing Patterns of Wage Inequality in US States since 1980*.**3:50** Brian Ray*, University of Ottawa; Valerie Preston, York University, *Ethno-racial Diversity and the Workplace as a Site of Discrimination in Canada*.**4:10** Audrey L. Kobayashi*, Queen's University, *Whiteness at work: anti-racist and diversity models and the search for equity*.

Discussant(s): Jamie Goodwin-White, University College Dublin

4551. A Date with Social Geography: Celebrating Dr. Allen G.

WEDNESDAY, MARCH 25 • 3:10 PM - 4:50 PM • 4500**Noble's Distinguished Scholarship and Career (Sponsored by Regional Development and Planning Specialty Group)**

Room: North Hall N112, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Vandana Wadhwa, Boston University; Frank J. Costa

CHAIR(S): Ashok K. Dutt, University of Akron
 Introducer: Ashok K. Dutt

3:15 Frank J. Costa

Panelists: John E. Benhart, Shippensburg University; Pradyumna P. Karan, University of Kentucky; Laurence J.C. Ma, The University of Akron; Yehua Dennis Wei, University of Utah; Samuel Thompson, Western Illinois University; Ramesh C. Dhussa, Drake University; Rajrani Kalra, California State University, San Bernardino; Sudhir K. Thakur, California State University Sacramento; Baleshwar Thakur, University of Delhi

4552. Teaching Geography 4: Innovative Techniques

Room: North Hall N113, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): James A. Brey, American Meteorological Society

3:10 Michal Bardecki*, Ryerson University, *Viva Las Vegas! An Unconventional Geographic Foundation for Liberal Studies.*

3:30 Jon C. Malinowski*, U.S. Military Academy, *A Geography of Breakfast: A Lesson Plan for Undergraduates.*

3:50 Steven L. Driever, Professor*, University of Missouri, *Using Travel Chronicles to Teach Colonialism in World Geography Courses.*

4:10 James A. Brey*, American Meteorological Society; Ira W. Geer, American Meteorological Society; Joseph M. Moran, American Meteorological Society; Robert S. Weinbeck, SUNY College at Brockport; Elizabeth W. Mills, American Meteorological Society; Bernard A. Blair, American Meteorological Society; Edward J. Hopkins, University of Wisconsin - Madison; Thomas P. Kiley Jr., American Meteorological Society; Emily E. Ruwe, American Meteorological Society, *AMS Introductory College-level Geoscience Courses: Incorporating Current Data and Issues.*

4553. Mobile Lives: Moving and Living (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: North Hall N114, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Dan Knox, University of Sunderland; Kevin Hannam, University of Sunderland

CHAIR(S): Kevin Hannam, University of Sunderland

3:10 Dan Knox*, University of Sunderland, *Video-gaming Mobilities: from sedentary practice to motion-sensing.*

3:30 Mimi Sheller, PhD*, Swarthmore College, *Out of the Ground, Into the Sky: How Aluminum Put the World in Motion.*

3:50 Sarah Brown*, University of British Columbia, *Gringos on the Move: The Politics of Tourism in San Andres, Guatemala.*

4:10 Paul R. Watts*, Louisiana State University, *Expressing mobility: Public protests in Washington, DC.*

4:30 Josefina Domínguez Mujica*, University of Las Palmas De Gran Canaria; Jesús M. González Pérez*, University of the Balearic Islands (UIB); Juan Manuel Parreño Castellano*, University of Las Palmas De Gran Canaria (Spain), *Economic networks and migratory flows: tourism and mobility in the Spanish insular peripheries.*

4554. Mountain Ice and Snow 2: Glaciers and Water Resources (Sponsored by Cryosphere Specialty Group, Human Dimensions of Global Change Specialty Group, Mountain Geography Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Jeffrey Bury, University of California, Santa Cruz; Bryan G. Mark, The Ohio State University

CHAIR(S): Jeffrey Bury, University of California, Santa Cruz
3:10 Andrew G. Klein*, Texas A&M University; Joni L. Kincaid, Texas A&M University, *Glacier retreat in the the Tres Cruces region of Bolivia from 1975 to present.*

3:30 Kyung In Huh*, The Ohio State University; Bryan G. Mark, The Ohio State University, *Assessing the volume and topographic changes of tropical glaciers in Peruvian Andes.*

3:50 Mario A. Giraldo, PhD Assistant professor Geography*, Kennesaw State University; Carlos E. Restrepo, Leader Environmental division, Aguas de Manizales, Manizales Utility Company, *Changes in watershed behavior in the Colombian central cordillera. Considerations for long-term water supply under anthropogenic transformation of the landscape.*

4:10 Anne W. Nolin*, Oregon State University; Lauren Parker, Oregon State University; Elizabeth Copeland, Oregon State University, *Climatic and Geomorphic Triggering Mechanisms of Cascadian Periglacial Debris Flows.*

Discussant(s): Bryan G. Mark, The Ohio State University

4555. Climate Change and Water Resources: From Impact Assessment to Adaptation II (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Heejun Chang, Portland State University;

Woonsup Choi, University of Wisconsin-Milwaukee

CHAIR(S): Woonsup Choi, University of Wisconsin-Milwaukee

3:10 Heejun Chang*, Portland State University; Martin Lafrenz, Portland State University; Ilwon Jung, Portland State University; Miguel Figliozzi, Portland State University, *Climate change and urban flooding: Impacts on transportation infrastructure.*

3:30 Martin Lafrenz*, Portland State University; Heejun Chang, Portland State University; Figliozzi Andres Figliozzi, Portland State University; Il-Won Jung, Portland State University, *Fluvial Response to Climate Change: Implications for Bridge and Road Flooding in Portland, OR.*

3:50 Netra Chhetri*, Arizona State University; Netra B. Chhetri, Arizona State University, *Sensitivity analysis of water resources to climate and other stressors in the Central Arizona region of the southwestern United States.*

4:10 Shawn Stoddard, PhD*, Truckee Meadows Water Authority, *A Decision Support System to Analyze Water Resource Management Policies.*

4:30 Eve Halper*, University of Arizona, *Correlating Urban Water Demand, Remotely Sensed Surface Temperature and Vegetation in an Arid Environment.*

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4556. Media Geography X: Spaces of Imagination 1 (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): James Craine, California State University Northridge; Christopher Lukinbeal, Arizona State University - Department of Geography

CHAIR(S): Jason Dittmer, University College London

3:10 Clark Akatiff*, *Too Many Words, Not Enough Pictures: A Comic Book Critique of Critical Geography*.

3:30 Steven Flusty*, York University, *Babarc Splendors: Popular Media for the Modulation of Modernity*.

3:50 Jason Dittmer*, University College London, *Sketching America's Manhood: Gender and the Nation in the Pages of Captain America, 1940-2008*.

4:10 Jon C. Sakamoto, MPA*, California State University, Northridge, *Transforming Visual Narratives of the Secret Agent: Reconstructing the Ego of Nick Fury, Agent of S.H.I.E.L.D.*

Discussant(s): Scott Rodgers, Open University

4557. Globalization and Contemporary Urban India II (Sponsored by Urban Geography Specialty Group)

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Pablo Bose, University of Vermont; Ananya Roy, University of California - Berkeley

CHAIR(S): Ananya Roy, University of California - Berkeley

3:10 Llerena Searle*, University of Pennsylvania, *What Time are These People? Geographical Narratives of Progress and Logics of Investment in the Indian Real Estate Industry*.

3:30 Gautam Bhan*, University of California, Berkeley, *The Juridical City: Evictions, Urban Citizenship and Public Interest in Millennial Delhi*.

3:50 D. Asher Ghertner*, University of California, Berkeley, *"World-Class" Aesthetics, Private Property, and Delhi Slum Dwellers' Urban Imaginary*.

4:10 Pushpa Arabindoo*, LSE, *Diasporic footprints in the Indian cityscape*.

4558. Marine Geomorphology and Mapping II (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Coastal and Marine Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (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

3:15 Markus Diesing*, Centre for Environment, Fisheries and Aquaculture Science, UK; John Aldridge, Centre for Environment, Fisheries and Aquaculture Science, UK; Roger Coggan, Centre for Environment, Fisheries and Aquaculture Science, UK, *How can we predict the occurrence of rocky reefs?*.

3:35 Cristina Carollo*, Florida Institute of Oceanography; Dave Reed, Florida Institute of Oceanography; John C Ogden, Florida Institute of Oceanography; David Palandro, Florida Fish and Wildlife Research Institute, *Gulf G.A.M.E. (Geospatial Assessment of Marine Ecosystems) - Data Discovery*.

3:55 Charles Steinback*, Ecotrust; Will McClintock, PhD., University of California Santa Barbara; Chad Burt, University of California Santa Barbara; Colin Ebert, University of California Santa Barbara; Jared Kibele, University of California Santa Barbara; Chris Macdonald, University of California Santa Barbara; Matt Merrifield, The Nature Conservancy; Mike Mertens, Ecotrust; Tim Welch, Ecotrust; Alexei Peters, Farallon Geographics; Dennis Wuthrich, Farallon Geographics, *MarineMap - Participatory Marine Protected Area Design Using an Web-Based Open Source Tool*.

4:15 James Myers*, Rutgers University; Kevin St. Martin, PhD., Rutgers University, *Integrating Community Use of Fisheries into Marine Ecosystem Based Management*.

Discussant(s): Dawn J. Wright, Oregon State University

4559. Integrating and Understanding Information Via Web-Based GIS

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susan J. Bergeron, West Virginia University

3:10 Nama Raj Budhathoki*, University of Illinois at Urbana-Champaign; Zorica Nedovic-Budic, University of Illinois at Urbana-Champaign; Bertram (Chip) Bruce, University of Illinois at Urbana-Champaign, *A framework for understanding participants' motivation in voluntary contribution of geographic information*.

3:30 Yunliang Meng*, University of Western Ontario; Jacek Malczewski, University of Western Ontario, *Evaluating Web-PPGIS for Multicriteria Site Selection Problem: A Case Study in Canmore, Alberta*.

3:50 Martin Swobodzinski*, San Diego State University, *Exploring human-computer interaction in the context of online public-participation transportation planning*.

4:10 Elizabeth Helmke*, Student, *Public Perception of an Online Interactive Mapping Platform: Sharing Carbon Sequestration Spatial Data Via the Web*.

4:30 Susan J. Bergeron*, West Virginia University, *Engaging the Virtual Landscape: Spatial Narratives and geographic knowledge in immersive virtual landscapes*.

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4602. Images of Regional Identity (Tribute to Pete Shortridge)

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): John Patrick Harty, University of Wyoming

CHAIR(S): John Patrick Harty, University of Wyoming

5:20 Paul F. Starrs*, University of Nevada, Reno; Gary J. Hausladen*, University of Nevada, Reno, *Geography from the Plush Seat: Film as Spur for the Excitement of Place*.

5:40 Kevin Blake*, Kansas State University, *The Iconic Colorado Fourteeners in the Place Imagery of the Mountainous West*.

6:00 Derek H. Alderman*, East Carolina University, *On the Importance of Being Seen: Politics of Regional Belonging and the (In)visibility of African Americans in North Carolina Tourism Brochure Photographs*.

6:20 William Wyckoff*, Montana State University, *Ivan Doig's Montana and the Creation of Place-Defining Literature*.

4603. Land and Water

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

Tianfang Fang*, Texas State University-San Marcos, *A Case Study on Regional Land Use Change in Acheng District, China*.

Bethany Nelson*, University of Wisconsin, Eau Claire; Christina Hupy, PhD, University of Wisconsin, Eau Claire; Jackie Ebert, BS, Missouri State University, *Mapping Land Use Land Cover Change in the Lower Chippewa River Valley of Wisconsin between 1938 and 2005*.

Alicja Trzopek*, Kean University; Melissa Hansen, Kean University; Feng Qi, Kean University, *Land use change and its environmental impacts during rapid urbanization in Union County, NJ*.

Humberto Reyes Hernandez*, Coordinación de Ciencias Sociales y Humanidades, UASLP; Blanca M. Vazquez-Villa, Coordinación de Ciencias Sociales y Humanidades, UASLP, Comisión Nacional de Áreas Naturales Protegidas; Miguel Aguilar-Robledo, Coordinación de Ciencias Sociales y Humanidades, UASLP; Guillermo Martinez-de la Vega, Instituto de Zonas Deserticas, UASLP, *Land-use/land-cover change and species richness. The case of forest fragments in the lowlands region, eastern of San Luis Potosí, México*.

Yu Sun*, University of Cincinnati; Susanna Tong, University of Cincinnati, *Project Future Land Use Change in East Fork Little Miami River (Ohio) Watershed in Ohio*.

Nathan A Wood*, Northwest Missouri State University, *Woody Corridor Levee Protection Along the Missouri River: Mapping Areas That Can Benefit*.

Mark A. Drummond, PhD*, United States Geological Survey, *Agricultural Trends and Driving Forces in Diverse United States Regions*.

Michael P Stier*, U. S. Geological Survey, *Assessing Landscape Change for the Southern Texas Plains Ecoregion*.

Matthew Clark, PhD*, Sonoma State University, *A scalable approach to mapping land-use/land-cover change over broad spatial scales: A case study in the Dry Chaco ecoregion of Argentina, Bolivia and Paraguay*.

Roger F. Auch*, United States Geological Survey, *Land Cover and Land Use Change in the Texas Blackland Prairies Ecoregion, 1973-2000*.

Chris Laingen*, Kansas State University & The Ohio State University, *Changes in Conservation Reserve Program Acres and Pheasants in South Dakota*.

Minting Ye*, Michigan State University; Yanglin Wang, Peking University, *Research on Land Use Change and Land Health Assessment in Rapidly Urbanizing Area: A Case of Shenzhen, China*.

Melissa Hansen*, Kean University; Anna Malinowski, Kean University; Feng Qi, Kean University, *Visualization and analysis of spatiotemporal changes of urban land use and landscape pattern in Union County, NJ*.

Jorge Ruiz*, Arizona State University; Gabriel L Judkins, Arizona State University, *The Structure of Irrigation Water Management within Mexico: A Case Study of Commercial Agriculture along the Lower Colorado River*.

Dana M. Pauzauskis, B.S.W.*, Significant Opportunities in Atmospheric Research and Science (SOARS); Luke Terry, Kickapoo Environmental Director, Kansas Kickapoo Tribe, *Regional Climate Model Projections for Northeast Kansas: Access to Water on the Kickapoo Reservation*.

Michael Merlini*, Minnesota State University Mankato; Bryce Hoppie, Minnesota State University Mankato, *River Flow Modeling Using a Kinematic Wave Model for the Blue Earth River Watershed*.

Jackie E. Ebert*, Missouri State University; Robert T. Pavlowsky, PhD., Missouri State University; William A. Wedenoja, PhD., Missouri State University, *An environmental assessment of the Blue Hole and Cave River Systems, Bluefields Bay, Westmoreland, Jamaica*.

Thomas P. Feeney*, Shippensburg University; Gary K Lasako*, Shippensburg University, *Spring Hydrograph Analysis Along a Carbonate Mantle Boundary*.

Carrie Davis Todd*, University of Pittsburgh at Johnstown; Neil Coleman, University of Pittsburgh at Johnstown; Reed Myers, University of Pittsburgh at Johnstown, *A New Estimate of Peak Discharge Rate during the 1889 Johnstown Flood*.

Jeff Quarrick*, University of Maryland, *Spatial Distribution Analysis of Maryland Public Drinking Water Contaminations*.

Elyssa Davis*, Hunter College - City University, *Community Participation in Improved Rural Water Supply in the Dominican Republic*.

Kelli J Hoover*, Department of Geography, University of Nevada, Reno; Andrea J Ray, PhD, NOAA Earth Systems Research Laboratory, Boulder, CO; Jeff J Lukas, Institute of Arctic and Alpine Research, University of Colorado, Boulder, CO; Jose Villanueva-Diaz, PhD, Instituto Nacional de Investigaciones Forestales, Agropecuarias, CENID-RASPA, Gomez Palacio, DG, MX, *Tree-ring based streamflow reconstruction of the Yaqui River, mX and implications for drought and water management studies*.

Luke Marzen*, Auburn University; Eric Reutebuch, Auburn University; William Deutsch, Auburn University; Mac Martin, Auburn University, *Anthropogenic Stresses on Water Quality in a Rapidly Urbanizing Alabama Watershed and the Case for Best Management Practices*.

Christopher Andrew Day*, Texas State University-San Marcos, *Assessing the Impact of Land Cover Change on Surface Runoff and Flood Risk for the Lower Cibolo Creek Watershed, Texas*.

Benjamin Witherell*, Montclair State University, *System dynamic (SD) modeling of land use regulation for water resource protection: the New Jersey Highlands Water Protection and Planning Act*.

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- Joseph Nigro*, NASA-GSFC (SSAI); David Toll, NASA-GSFC; Ted Engman, NASA-GSFC; David Mocko, NASA-GSFC; Ed Partington, EPA; Wenge Ni-Meister, Hunter College; Shihyan Lee, Hunter College; Angelica Magness, USGS/CBP; Jack Kittle, Aqua Terra Consultants; Mark Gray, Aqua Terra Consultants, *Integration of NASA North American Land Data Assimilation System (NLDAS) Precipitation into BASINS to Improve EPA Non-point Source Water Quality Modeling.*
- Marie E Anselm*, Clark University, *The Effects of Globalization on Organic Farmers in Massachusetts.*
- Scott A. Lecce*, East Carolina University; Robert T. Pavlowsky, Missouri State University, *Fluvial Sediment Quality and Toxic Risk in a Watershed Affected by Historical Gold Mining in North Carolina.*
- Jie He*; Ninghua Wang, University of Cincinnati, *Predicting land use changes with IDRISI: A case study of Little Miami River Basin, Ohio.*
- 4605. Internet GIS, Virtual Globes, and related Cartographic Research (Sponsored by Cyberinfrastructure Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)**
- Room:* Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S): Ming-Hsiang Tsou, San Diego State University
- CHAIR(S): Ming-Hsiang Tsou, San Diego State University
- 5:20** Hui Lin*, The Chinese University of Hong Kong, *A Study on Virtual Geographic Environment for Pearl River Delta Air pollution Simulation.*
- 5:40** Benjamin Tuttle*, University of Denver/University of Colorado, Boulder; Paul Sutton, University of Denver; Sharolyn Anderson, University of Denver; Chris Elvidge, NOAA/NGDC, *Developing A Web-Based Collaborative Mapping Tool To Map Impervious Surface Globally.*
- 6:00** Joshua Streufert*, University of Tennessee; Bruce A. Ralston, PhD., University of Tennessee, *Three Dimensional Mapping Tools for Internet Based Mapping.*
- 6:20** Zhenlong LI*, CISC, GMU; Qunying Huang, CISC, GMU; Wenwen Li, CISC, GMU; Haijun Zhu, CISC, GMU; Chaowei Yang, CISC, GMU; Paul Houser, CREW, GMU/IGES; Megan Larko, CREW, GMU/IGES, *Water and Energy Cycle EOS House web portal (WECHO).*
- 6:40** Ming-Hsiang Tsou*, San Diego State University, *Creating a Virtual Organization for Digital Earth Research.*
- 4606. Urban Mobilization**
- Room:* Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S): Program Committee
- CHAIR(S): Julie Hernandez, Paris 10 Nanterre
- 5:20** Lien Warmenbol*, University of Antwerp, *Explaining populist radical right's success through a neighbourhood-level ethnographic study of a West-European city.*
- 5:40** Kimberly Black*, University of Tennessee, *"They will bring fire/They will empty your eyes": Race, Place and the Geographical Imagination in Narrative Accounts of the Bombing of Osage Avenue.*
- 6:00** Tonya K Davidson*, University of Alberta, *Bodies of Memory in Bronze: The Dynamic Life of Ottawa's National War Memorial.*
- 6:20** Julie H Hernandez*, Paris 10 Nanterre, *"Yes we can!": neighborhood organizations, "bottom-up" recovery and spatial justice in post-Katrina New Orleans.*
- 4607. RSSG Student Honors Paper Competition III (Sponsored by Remote Sensing Specialty Group)**
- Room:* Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S): Paul Merani, University of Nebraska; Benjamin Tuttle, University of Denver/University of Colorado, Boulder
- CHAIR(S): Paul Merani, University of Nebraska
- 5:20** Neeti Neeti*, Clark University, *Time series modeling of dry season forest deciduousness using spectral mixture analysis in Yucatán Peninsula using MODIS data.*
- 5:40** Rahul Rakshit*, Clark University; Robert Gimore Pontius, Jr, PhD, Clark University, *Post Accuracy Assessment Soft Classification Using Virtual Globes.*
- 6:00** Xuefei Hu*, Indiana State University; Qihao Weng, Indiana State University, *Impervious Surface Extraction from IKONOS Imagery Using an Object-Based Approach.*
- 6:20** Naizhuo Zhao*, Department of geography, Texas State University-San Marcos, *The influence of loessial dense degree on polarized reflection.*
- 6:40** Muhammad Tauhidur Rahman*, University of Oklahoma, *Using LIDAR Data for Assessing Tree Damages from the 2007 Winter Ice Storm in Norman, Oklahoma.*
- 4608. Climate Specialty Group Plenary Speaker Julio L Betancourt: Climate and Ecosystems in the Western U.S. - History and Prospectus (Sponsored by Climate Specialty Group)**
- Room:* Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S): Michael A. Palecki, National Climatic Data Center
- CHAIR(S): Michael A. Palecki, National Climatic Data Center
- 4609. Geography: Teaching with the Stars**
- Room:* Royale Pavilion 4, Riviera Hotel, 1st Floor (Panel Session)
- ORGANIZER(S): Richard G. Boehm, Texas State University
- CHAIR(S): Richard G. Boehm, Texas State University
- Panelists: Richard G. Boehm, Texas State University; Joseph P. Stoltman, Western Michigan University; Audrey Mohan, Texas State University
- 4610. Antipode Lecture (Sponsored by Wiley-Blackwell)**
- Room:* Royale Pavilion 5, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S): Kevin Ward, University of Manchester
- CHAIR(S): Kevin Ward, University of Manchester
- 5:20** Katharyne Mitchell, PhD.*, University of Washington, *Dangerous Futures: Speculative Capital, Race and War.*
- 4611. Touched by Geography II (Sponsored by Geographic Perspectives on Women Specialty Group)**
- Room:* Royale Pavilion 6, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S): Deborah Dixon; Elizabeth Straughan, Aberystwyth University
- CHAIR(S): Deborah Dixon
- 5:20** Divya Praful Tolia-Kelly, Dr. *, Durham University, *Visualising Alienation: writing, feeling and seeing cultural geographies of race and racism.*
- 5:40** Philip Crang*, Royal Holloway, University of London; Shivani Derrington, Royal Holloway, University of London, *Diasporic textures: textiles, pattern and South Asian dress in contemporary Britain.*
- 6:00** Carey-Ann Morrison*, University of Waikato, *Hetero(sex) uality and Home: Intimacies of Space and Spaces of Touch.*
- 6:20** Mark Paterson, PhD., M.A., B.A. (Hons)*, University of Exeter, *The Vanishing Point of Sensation? First Person Literary Accounts of Blindness, Touch and Space after Descartes and Derrida.*
- Discussant(s): Jamie Winders, Syracuse University

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4612. Distinguished Historical Geography Lecture (Sponsored by Historical Geography Specialty Group)

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Karen M. Morin, Bucknell University; Garth Andrew Myers, University of Kansas
 CHAIR(S): Dydia DeLyser, Louisiana State University
 Introducer: Karen M. Morin
 Panelist: Miles Ogborn

4613. Next Generation Globalization III: Emerging, Mature and Distributive MNEs (Sponsored by Economic Geography Specialty Group)

Room: Royale Pavilion 8, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Yuko Aoyama, Clark University; Nicholas A. Phelps
 CHAIR(S): Nicholas A. Phelps
5:20 Yuko Aoyama*, Clark University, *The "Being There" for the Base-of-the-Pyramid Market: MNEs and R&D Facilities in India.*
5:40 Rory Horner*, Clark University, *The intra- and inter-firm geography of emerging multinationals: India's pharmaceuticals.*
6:00 Peter A. Wood, Professor*, University College London; John Salt, Professor, University College London, *Transformation processes in mature MNEs; shifting portfolios of labor mobility among international consultancies.*
6:20 Wance Tacconelli*, University of Surrey, *Developing Global Strategies in a World Where Differences Still Matter: the Case of Retail TNCs in China.*
 Discussant(s): Henry Wai-chung Yeung, National University of Singapore

4614. Environmental and Humanitarian Applications of Geospatial Technologies in Africa II

Room: Capri 101, Riviera Hotel, 1st Floor (Paper Session)
 CHAIR(S): Nathaniel Royal, University of California, Santa Barbara
5:20 Cyrus Samimi*, University of Vienna; Hendrik Wagenseil, GFK, *Woody vegetation cover in Namibian savannahs: A modelling approach based on remote sensing.*
5:40 Alex B. Owusu*, AAG, IFPRI, *Do we believe satellite data or local people? A case of desertification in the Upper East Region, Ghana.*
6:00 John D. All, PhD, JD*, Human Environment Linkages Program; *International Law and Protection of Endangered Species in the Colorado River Delta, Mexico*
6:20 Danielson R. Kisanga*, Miami University, Middletown, OH, *Potential for rehabilitation of degraded semiarid lands of Arusha, Tanzania.*
6:40 Nathaniel Guy Paul Royal*, University of California, Santa Barbara, *Fearing the Little Dragon of Medina: Techniques for Creating Vulnerability Indexes in Developing Countries with a GIS.*

4618. Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Daniel A. Griffith, University of Texas - Dallas; Yongwan Chun, The University of Texas at Dallas
 CHAIR(S): Daniel A. Griffith, University of Texas - Dallas
 Introducer: Daniel A. Griffith
5:30 Denise Pumain*, University Paris I, *Modelling spatial evolution: the example of urban systems.*

4619. Wind Energy in the 21st Century II

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Michael Slattery, Texas Christian University
 CHAIR(S): Michael Slattery, Texas Christian University
5:20 Derek B. Jones, B.S.*, Salem State College, *Locating optimum wind turbine placement using GIScience applications.*
5:40 Jedidiah Riley*, Northwest Missouri State University; Theodore L. Goudge, Ed.D., Northwest Missouri State University; Jeffrey Bradley, M.S., Northwest Missouri State University, *Investigation into the Wind Flow of the Northwest Missouri State Campus and the Feasibility of Installation of a Micro-Scale Wind Farm.*
6:00 Weiping Li, Oklahoma State University; Stephen J. Stadler, PhD*, Oklahoma State University; Rama Ramakumar, PhD, Oklahoma State University, *Geographic Factors Affecting The Complementary Nature of Wind Energy And Insolation.*

4620. Topics in Air Transport Networks

Room: Capri 107, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Steve Prager, University of Wyoming; Zengwang Xu
 CHAIR(S): Steve Prager, University of Wyoming
5:20 Zengwang Xu*, Houston Advanced Research Center, *A hybrid model on epidemic diffusion and intervention in the US intercity passenger air transportation network.*
5:40 Steve D Prager, PhD*, University of Wyoming, *Understanding the Relationship Between Air Travel and the Air Traffic Network.*
6:00 Eliana Consoni Rossi, Post-Doc Researcher*, PEP-COPPE, Universidade Federal do Rio de Janeiro; Elton Fernandes, Prof., PEP-COPPE, Universidade Federal do Rio de Janeiro, *Changing patterns in the configuration of airline networks in Brazil.*

4622. What is the most important factor in the identity of a wine region? (Sponsored by Wine Specialty Group)

Room: Capri 109, Riviera Hotel, 1st 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; Gregory V. Jones, Southern Oregon University; Denyse Lemaire, Rowan University; Donald C. Rundquist, University of Nebraska

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4623. Critical Geographies of Housing (Sponsored by Urban Geography Specialty Group)

Room: Capri 110, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Amanda Huron, Graduate Center, CUNY; Stephen Boatright, CUNY

CHAIR(S): Amanda Huron, Graduate Center, CUNY

5:20 Stephen Boatright*, CUNY, *Affective Homeownership and the Spacetimes of Crisis*.

5:40 Desiree Fields*, CUNY Graduate Center; Susan Saegert, PhD., Vanderbilt University, CUNY Graduate Center, *Foreclosure as Threat to Ontological Security: The Institution of Homeownership in the Risk Society*.

6:00 Amanda Huron*, Graduate Center, CUNY, *What do you mean you want affordable housing? Unpacking the space-time of "affordability"*.

6:20 Joseph Pierce*, Clark University, *Alternative Property Tenure Models in North American Urban Housing: What Choices, What Effects?*.

Discussant(s): James DeFilippis, Rutgers University

4624. The cultural economy of small cities: creativity, knowledge and urban spatial development (3): Connecting spaces of creativities

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Mark Jayne, University of Manchester; Bas Van Heur

CHAIR(S): Bas Van Heur

5:20 Gabriel Gee*, Université Paris X, *Cultural development and economy from outside and/or within the regional city in the North of England*.

5:40 Anne Lorentzen*, Aalborg University, *Small cities embarking upon the experience economy*.

6:00 Jordi Nofre Mateo, University of Barcelona*, Researcher, University of Barcelona; Jordi Martin*, Researcher, University of Barcelona, *Cultural Production, Social Homogenization and Non-Visible Cultural Strategies in Post-war Sarajevo. An Islamized Urban Space, a Westernized City*.

6:20 Alison D Goebel*, University of Illinois, Urbana-Champaign, *"Art is Going to Save Our Town?": Creative Economies in the Small City*.

6:40 Susan Fitzpatrick*, Manchester Metropolitan University, *Accounting for the Everyday in Liverpool's "Creative Economy"*.

4625. Topics in Energy Consumption and Production

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rolf Sternberg, Montclair State University

5:20 O'Shannon Burns*, *The Landlord-Renter Energy Efficiency Conundrum: A Case Study in State College, PA*.

5:40 Sally Anne Murrall, MSc, BSc*, University of Plymouth, *Policy learning and policy change in UK Renewable Energy Policy*.

6:00 Jana Fried*, McMaster University, Hamilton, Canada; John Eyles, McMaster University, Hamilton, Canada, *Invasion of the Body Snatchers? Planning the Nuclear Future for Ontario, Canada*.

6:20 Rolf Sternberg*, Montclair State University, *Hydroelectricity and Industrialization's Unfolding Interdependence*.

4626. The Changing Geographies of the Arctic and Northern Regions: III (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Canadian Studies Specialty Group, Indigenous Peoples Specialty Group, Cryosphere Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Timothy Edmund Heleniak, University of Maryland; Andrey N Petrov, University of Toronto

CHAIR(S): Timothy Edmund Heleniak, University of Maryland

5:20 Aileen Aseron Espiritu, PhD*, Barents Institute, *"Resource Curse" in the Arctic: the meaning of oil and gas development for communities in NW Russia and Northern Norway*.

5:40 Andrey N Petrov*, University of Northern Iowa, *Convergence or Divergence? Comparing Economic Development Policies in the Russian and Canadian North*.

6:00 Alexander Alekseev*, Moscow State University; Vyacheslav Baburin, Moscow State University; Maria Goryachko, Moscow State University, *Climate change, the Northeast Passage and settlement of the Russian Arctic*.

6:20 Timothy Edmund Heleniak*, University of Maryland, *Migration in the Most Remote Regions: Magadan and Chukotka*.

6:40 Tobias Holzlehner*, University of Alaska Fairbanks, *Ghost Towns at the End of the World: The Topology of Loss, Ruination and Remembrance in Chukotka, Russia*.

4627. Topics in Spatial Modeling Application

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Weimin Li

5:20 Derek J Paulsen, PhD*, ECU, *Using Geo-tagged Video for Qualitative Spatial Analysis*.

5:40 Senlin Yan, Goldensun Petroleum Technologies, Inc; Yitu Xu*, University of Tennessee, Knoxville; Xiuguo Liu, China University of Geosciences(Wuhan), *study of constrained Delaunay Triangulation of regions with faults*.

6:00 Bing Sheng Wu*, Department of Geography, Texas A&M University; Dainel Z. Sui, Department of Geography, Texas A&M University, *Globalization and Asian urban dynamics: CA simulation of the desakota model with foreign direct investment*.

6:20 Weimin Li*, California State Polytechnic University, Pomona; John Radke, University of California at Berkeley, *Integrating Geo-spatial Technologies for Social and Behavioral Research - A study to investigate the effect of urban green settings on neighborhood crime*.

4628. Emerging Scholars in Hazards Research: Winners of the Jeanne X. Kaspersen Student Paper Award (Sponsored by Hazards Specialty Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Ron R. Hagelman, Texas State University

CHAIR(S): Ron R. Hagelman, Texas State University

5:20 Angela Gilbert*, University of South Florida, *Hazardous Air Pollutants and Environmental Justice: The Geography of Health Risks in Florida*.

5:40 Christopher G. Burton*, University of South Carolina, *From Conceptual Framework to Assessment: The Operationalization of a Place-Based Model for Understanding Community Resilience to Natural Disasters*.

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6:00 Khila R Dahal, KRD*, Dept. of Geography, Texas State University, *Hazard and Risk: Perception of Glacial Lake Outburst Flooding from Tsho Rolpa Lake, Nepal.*

6:20 Monica Zappa*, Northern Illinois University, *Social, Economic, and Cultural Impacts on Hurricane Vulnerability in Bluefields, Nicaragua.*

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

4629. Writing Successfully for the Journal of Geography in Higher Education (Sponsored by Geography Education Specialty Group)

Room: Skybox 201, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Bob Bednarz, Texas A&M University

CHAIR(S): Bob Bednarz, Texas A&M University

Introducer: Bob Bednarz

Discussant(s): Janice Monk, University of Arizona

Panelists: Bob Bednarz, Texas A&M University; Derek France, University of Chester; Sarah Witham Bednarz, Texas A&M University; David Higgitt, National University of Singapore

4630. Designing Sustainable NTFP Management Systems (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Patrick T. Hurley, Ursinus College; Garry Fehr

CHAIR(S): Garry Fehr

5:20 Brian Grabbatin, PhD Student*, University of Kentucky; Patrick T. Hurley, PhD, Ursinus College, *Gathering, Growing, and Buying "Grass": Social networking and NTFP practices in the sweetgrass basket-making communities of South Carolina's Lowcountry.*

5:40 Garry Fehr, PhD*, University of the Fraser Valley, *Local Management Strategies for Unregulated Resources.*

6:00 Yilmaz Ari*, Balikesir Universitesi; Patrick Hurley, Ursinus College, U.S.A., *Unfamiliar geese at the doorstep: Nature conservation, livelihoods, and amenity migration surrounding Kaz Dagi National Park, Turkey.*

Discussant(s): Bryan Poirier, University of Waterloo

4631. Topics in Urban Geography

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kenneth French, University of Nebraska-Lincoln

5:20 Brian Edward Johnson*, Indiana University, *Power, Aesthetics, and Land Use Controls in the Exurban Landscape of Porter County, Indiana.*

5:40 Joris Ernest Van Wezemael, Dr.sc.nat. *, ETH Zurich, *'Mattering' the Res Publica - Design Competitions as Foucauldian Dispositif.*

6:00 Kenneth French, PhD*, University of Nebraska-Lincoln, *Segregation between African Americans and Hispanics at Two Geographic Scales.*

4632. Communities and Natural Hazards (Sponsored by Hazards Specialty Group)

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Susan M. Macey, Texas State University

CHAIR(S): Graham A. Tobin, University of South Florida

5:20 Clark Gray*, University of North Carolina - Chapel Hill; Elizabeth Frankenberg, Duke University; Duncan Thomas, Duke University; Cecep Sumantri, SurveyMeter, *Tsunami-Induced Displacement in Sumatra, Indonesia.*

5:40 Naomi Watsala Lazarus*, Binghamton University, *A model for community based risk management: assessing coping capacities in rural Sri Lanka.*

6:00 Susan M. Macey*, Texas State University, *Wildfire hazard: An analysis of residents' risk and management option perceptions in one California community.*

6:20 William Monfredo, PhD*, University of Miami, *Using a Disaster Movie to Teach Physical Processes.*

6:40 Graham A. Tobin*, University of South Florida; Eric C. Jones, University of North Carolina at Greensboro; Arthur D. Murphy, University of North Carolina at Greensboro; Linda M. Whiteford, University of South Florida, *Social Networks and Spatial Patterns of Interaction in Disaster Recovery around Popocatepl, Mexico.*

4633. Political Geography of Energy II (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group, Energy and Environment Specialty Group)

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Johanna Haas, Illinois State University

CHAIR(S): Johanna Haas, Illinois State University

Introducer: Johanna Haas

5:20 Barry D. Solomon, PhD*, Michigan Technological University, *Biofuels and Sustainability.*

5:40 Dustin Mulvaney, PhD*, University of California - Santa Cruz, *Capital, Governance, and Environmental Justice in the Clean Tech Space: Making Energy and Evaluating Risk from Solar Photovoltaics.*

6:00 Veit Bachmann*, University of Plymouth, *'Developing' regional integration in the East African energy sector.*

6:20 Shangrila Joshi Wynn*, University of Oregon, *India's perspective on Climate Justice.*

6:40 Robert Bailis*, Yale University; Jenn Baka, Yale School of Forestry and Environmental Studies, *Constructing sustainable biofuels.*

4634. Advising as teaching: developing connections

Room: Skybox 206, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Elizabeth Pike, University of Colorado

Panelists: Elizabeth Pike, University of Colorado; Fred M.

Shelley, University of Oklahoma; Jodi Vender,

Pennsylvania State University; Darren Purcell,

University of Oklahoma

4635. Spaces of Difference (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Terri Moreau, Royal Holloway University of London; Jessie Messina, East Carolina University

CHAIR(S): Ryan Covington, East Carolina University

5:20 Jes Matthews*, Louisiana State University, *Two Paths: The Appalachian Trail, In and Out of the Woods.*

5:40 Jessie Messina*, East Carolina University, *A Discourse Analysis of HIV/AIDS Policy in Sub-Saharan Africa.*

6:00 Dalynda M Evans, PhD. student*, University of Oklahoma, *Let's talk about what no one wants to hear: Forced migration of 'Viet Kieu'.*

6:20 William M. Van Lopik, PhD*, College of Menominee Nation, *Equity in Access to Land, Human Rights, and Capital: Food Security Movements from the Global South.*

6:40 Ryan Covington*, East Carolina University, *So, what do we do now: The tangled geographies of global climate activism.*

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- 4638. The End of Poverty: Conversations from Opposing Viewpoints (Sponsored by Economic Geography Specialty Group, Developing Areas Specialty Group, Socialist and Critical Geography Specialty Group)**
Room: Skybox 210, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Waquar Ahmed, Mount Holyoke College; Lakshman Yapa, Pennsylvania State
 CHAIR(S): Waquar Ahmed, Mount Holyoke College
 Panelists: Brian King, The Pennsylvania State University; Lakshman Yapa, Pennsylvania State; Richard Peet, Clark University; Gary L. Gaile, University of Colorado; Lucy Jarosz, University of Washington
- 4639. Critical Social Theory, Politics, and the Economic Crisis III (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)**
Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Marc Auerbach
 CHAIR(S): Nancy Ettlinger, Ohio State University
 Panelists: Matthew Huber, Clark University; Mazen Labban, University of Miami; Kevin R. Cox, Ohio State University; Paul Langley, Northumbria University, UK; Bobby M. Wilson, University of Alabama
- 4641. POLITICAL GEOGRAPHY Plenary Session - United States in World Affairs after Bush - Geopolitical and Geoeconomic Perspectives from Abroad (Sponsored by Political Geography Specialty Group)**
Room: Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor (Panel Session)
 ORGANIZER(S): John V. O'Loughlin, University of Colorado
 CHAIR(S): John V. O'Loughlin, University of Colorado
5:20 Chris Gibson
 Panelists: Takashi Yamazaki, Osaka City University; Virginie Mamadouh, University of Amsterdam; Maano Ramutsindela
- 4643. China's Emerging City Regions III: Globalization, Innovation, and Development (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group)**
Room: North Hall N101, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Yehua Dennis Wei, University of Utah; Yu Zhou, Vassar College
 CHAIR(S): Jun Luo, Missouri State University
5:20 Zhouying Song, Chinese Academy of Sciences; Weidong Liu*, Chinese Academy of Sciences, *Factors Affecting the Application of New ICTs in SMEs in China*.
5:40 Spencer Cohen*, University of Washington, *Local State Autonomy in Development: the High Tech Sector in China and Agenda for Future Research*.
6:00 Yingru Li*, Yehua Denise Wei; Xinyue Ye, *Beyond Convergence: Geographies of Regional Inequality of China*.
6:20 Danlin Yu*, Montclair State University, *Homogenized Geographically and Temporally Weighted Regression (HGTWR): An Investigation of Spatiotemporal Interaction in Studying China's Economic Efficiency*.
6:40 Guo Chen, Dr.*, Michigan State University, *Urban Expansion and Inequalities: Cases of Emerging City-regions in Coastal China*.
- 4644. Environmental governance in China: Local effects and global connections (Sponsored by China Specialty Group)**
Room: North Hall N102, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Alana Boland, University of Toronto
 CHAIR(S): Darrin Magee, Hobart & William Smith Colleges
5:20 Zunguo Dai*, *The Grain-to-Green Program, Desertification, and Complex Landscape of Cooperation and Resistance in Yanchi, Ningxia*.
5:40 Hua Qin*, University of Illinois at Urbana-Champaign; Courtney G. Flint, University of Illinois at Urbana-Champaign, *Rural-to-urban Labor Migration, Household Livelihoods and the Rural Environment in Chongqing, Southwest China*.
6:00 Andrew M. Marton, Professor*, University of Nottingham, Ningbo, China, *"No dams" water management in China: History, culture, and institutional frameworks along the Min River*.
6:20 Darrin Magee, PhD.*, Hobart & William Smith Colleges, *Electric-powered "Soft Power": China's exports of hydropower and hydro-expertise*.
6:40 Christian Ellermann*, University of Oxford, *Institutional issues of designing and implementing a sectoral climate change mitigation mechanism in China*.
- 4645. Gendered Geographies in Forestry and Resource Management (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural and Political Ecology Specialty Group)**
Room: North Hall N103, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Shaunna Barnhart; Maria Elisa Christie, Virginia Tech
 CHAIR(S): Shaunna Barnhart
5:20 Maria Elisa Christie, Dr.*, Virginia Tech, *Women in the Woods: Experiences of Women in the Forestry Sector in Nepal*.
5:40 Claudia A. Radel*, Utah State University; Birgit Schmook, El Colegio de la Frontera Sur; Jamie McEvoy*, University of Arizona, *Men's Migration, Gender Relations in Agriculture, and Implications for Forest Cover*.
6:00 Kelly-Ann Renwick*, Appalachian State University Department of Geography and Planning, *The Social Aspects and Consequences of Forest Conservation and the Role of Women*.
6:20 Shaunna Barnhart*, Penn State University, *Personal Liberation/National Freedom: Gendered Perspectives on Biogas Technology in Nepal*.
6:40 Hanne Svarstad*, *Gender is gender and conservation is conservation. Never the two shall meet?*.

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Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg University of PA; John Faustini, Oregon State University

CHAIR(S): Yong Q Tian, University of Massachusetts - Boston

5:20 L Allan James*, University of South Carolina; Michael B. Singer, St. Andrews College, Scotland, *Secular Human Impacts on River Channels: Spatial Patterns of Change Along the Yuba and Feather Rivers, California.*

5:40 Shixiong Hu*, Dept. of Geography, East Stroudsburg University of PA, *Estimation of Stream Bank Stability in a Mountainous Watershed, Northeastern Pennsylvania.*

6:00 Christopher Woltemade*, Shippensburg University, *Modeling Residential Soil Compaction with the NRCS Curve Number Method.*

6:20 Chansheng He, Prof.*, Western Michigan University; Thomas E. Croley, Dr., NOAA Great Lakes Environmental Research Laboratory, *Defining and Applying Hydrological Resource Sheds in the Great Lakes Watersheds.*

4647. Public Transit in Urban Societies (Sponsored by Transportation Geography Specialty Group)

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Cynthia Chen; Becky Loo, The University of Hong Kong

CHAIR(S): Cynthia Chen

5:20 Zhan Guo, zg*, NYU, *Transfers and Path Choice in Urban Public Transport Systems.*

5:40 Becky P.Y. Loo*, The University of Hong Kong; Cynthia Chen, City College of New York; Eric T.H. Chan, The University of Hong Kong, *Rail-based Transit-oriented Development: Lessons from Hong Kong and New York.*

6:00 Keith A. Ratner, Dr.*, Salem State College, *Was it going to happen anyway? An examination of the link between transit development and land use development in Denver, Colorado.*

6:20 Kafui A Attah*, Syracuse University, *"Rides For Work" and a Right to the City.*

6:40 Saad N Alhussein*, King Saud University; Saad N Alhussein, Dr., King Saud University, *Impact of Public Transportation Upon Tourism Development In The Kingdom of Saudi Arabia.*

4648. Social Capital: Methodological 'Magic' and Political 'Loss'?

Room: North Hall N109, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): PAOLO GIACCARIA, University of Torino; Mauro Cannone, Royal Holloway, University of London

CHAIR(S): Mauro Cannone, Royal Holloway, University of London

Panelists: Harald Bathelt, University of Toronto; Paolo Giaccaria, University of Torino; Gordon MacLeod, University of Durham

4649. Greening the Urban Environment

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jamie Zech

5:20 Angela Loder, B.Hum, M.A. PhD. (ABD)*, University of Toronto, *Dwelling in the concrete jungle: are green roofs are shifting the place experience of office workers in central business districts in Toronto and Chicago?.*

5:40 Dana H Taplin, PhD.*, ActKnowledge/City University of New York, *Uneven Geography in Urban Park Regeneration.*

6:00 Alexandra J. Sullivan, MA Candidate*, CUNY Hunter College, *The Form and Function of Urban Agriculture in the New York Metropolitan Area.*

6:20 Jamie Zech*, Texas State University, *Community Garden in a Changing Community.*

4650. Locating Configurations of Inequality III: Spaces of Inequality (Sponsored by Economic Geography Specialty Group, Population Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jamie Goodwin-White, University College Dublin; Virginia L. Parks, University of Chicago

CHAIR(S): Jamie Goodwin-White, University College Dublin

5:20 Melissa R. Gilbert*, Temple University, *A Critical Geographic Framework for Examining the Intersection of Digital Divides and Urban Inequalities.*

5:40 Madhuri Sharma, Department of Geography*, The Ohio State University; Lawrence A. Brown, Prof., Department of Geography, The Ohio State University, *Racial/Ethnic Residential Intermixing in Columbus Ohio: A Mixed-method Approach for Testing Market-Led Pluralism.*

6:00 Andrew Van Hulten, Victoria University; Sally Weller*, Victoria University, *Suburban inequality in a 'new' regional world?.*

6:20 Wei Xu, Dr.*, University of Lethbridge, *Theorizing Geographies of Chinese Transitional Economy: a Labour Market Perspective.*

Discussant(s): Virginia L. Parks, University of Chicago

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4651. Applications of Lidar Remote Sensing

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Keir Keightley, UC Davis

5:20 Geoffrey Andrew Fricker*, UCLA, *Forest structure and species richness: integration of remote sensing and in-situ measurements in a 50 ha plot of tropical forest.*

5:40 Wenkai Li*, University of California, Merced; Qinghua Guo, University of California, Merced; Hong Yu, University of California, Merced; Marek Jakubowski, University of California, Berkeley; Alessandro Montagni, University of California, Berkeley; Maggi Kelly, University of California, Berkeley, *Deriving DEM from LiDAR Data with Different Interpolation Methods.*

6:00 Adrienne C Hinds, B.S.*, University of Maryland, *Tree Height and Stand Age: A Comparison of NAFD Landsat Disturbance Maps and LiDAR Data.*

6:20 Jennifer Jensen*, Environmental Science Program; Department of Geography; University of Idaho; Karen S. Humes, PhD., Department of Geography; University of Idaho, *Evaluation of physiographic influences on the agreement between MODIS Leaf Area Index retrievals and lidar-based estimates.*

6:40 Keir Keightley*, UC Davis; Gerald Bawden, PhD, USGS, *Examining the use of airborne and ground-based LiDAR for improving large scale biomass mapping in vineyards.*

4652. Teaching Geography 5: Using Technology

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Antonio Blazeovic

5:20 Ozeas S Costa, Jr*, The Ohio State University at Mansfield; Stavros Constantinou, The Ohio State University at Mansfield, *Challenges and opportunities for the use of technology in geography education at the secondary level: A case study from north-central Ohio.*

5:40 Eliza Bradley*, University of California, Santa Barbara; Christopher Still, PhD., University of California, Santa Barbara; Dar Roberts, PhD., University of California, Santa Barbara, *Web-Based Image Analysis For Phenology and Meteorology Characterizations.*

6:00 Jianguo Ma*, University of Maryland at College Park; Cathy Carter, University of Maryland at College Park, *GIS Teaching: Interactive, Multimedia, and Online.*

6:20 Patricia L. Drews*, Northwest Missouri State University; Gregory Haddock, Northwest Missouri State University, *Survey of Student Opinions of Electronic Textbooks.*

6:40 Antonio Blazeovic, GISP*, North Las Vegas Police Department, *The GISCI Certification Program.*

4653. Mobile Lives: Moving and Living 2 (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Dan Knox, University of Sunderland; Kevin Hannam, University of Sunderland

CHAIR(S): Dan Knox, University of Sunderland

5:20 Tim Freytag*, Heidelberg University; Frank Oswald, Heidelberg University; Hans-Werner Wahl, Heidelberg University; Gail Auslander, Hebrew University of Jerusalem; Noam Shoval, Hebrew University of Jerusalem; Jeremia Heinik, University of Tel Aviv; Ruth Landau, Hebrew University of Jerusalem, *Outdoor mobility and related activities of elderly people with cognitive impairment: A tracking study of the Rhine-Neckar metropolitan region.*

5:40 Marion Tillous*, UMR Géographie-Cités / Paris 1 Panthéon-Sorbonne, *Political and cultural events in the Parisian métro : manifestations of urban or mobile communities ?.*

6:00 Kevin Hannam*, University of Sunderland; James Johnson, University of Sunderland, *Embodying Backpacker Train Travel Experiences in Eastern Europe.*

6:20 Theodora Lam*, National University of Singapore; Brenda Yeoh, Prof, National University of Singapore, *Educating the Extraterritorial Singaporean: The Making of a Singapore Citizen Overseas.*

4654. Mountain ice and snow 3: glaciers and water resources (Sponsored by Water Resources Specialty Group, Cryosphere Specialty Group, Mountain Geography Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): George P. Malanson, University of Iowa

CHAIR(S): George P. Malanson, University of Iowa

5:20 Michael P. Bishop*, University of Nebraska-Omaha; John F. Shroder, Jr., University of Nebraska-Omaha, *Glacier Response to Climate Forcing in the Karakoram Himalaya, Pakistan.*

5:40 Daniel B. Fagre*, United States Geological Survey; Blase A. Reardon, Dept. of Geosciences, University of Montana; Joel T. Harper, Dept. of Geosciences, University of Montana, *Glaciers, hydrology and climate change at Glacier National Park, Montana, USA.*

6:00 Sunday Goshit*, University of Iowa; George Malanson, University of Iowa, *Synoptic Influence on Daily Temperature and Precipitation in Western Montana.*

6:20 George P. Malanson*, University of Iowa; Rex Honey, University of Iowa, *Water towers, the metaphor.*

Discussant(s): Anne W. Nolin, Oregon State University

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- 4655. Climate Change and Water Resources: From Impact Assessment to Adaptation III (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Human Dimensions of Global Change Specialty Group)**
Room: North Hall N116, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Heejun Chang, Portland State University; Woonsup Choi, University of Wisconsin-Milwaukee
 CHAIR(S): C Gregory Knight, Pennsylvania State University
5:20 Von P. Walden, Associate Professor*, University of Idaho, *Idaho's Water Resources in a Changing Climate*.
5:40 Kathleen A. Farley*, San Diego State University; Christina Tague, University of California, Santa Barbara; Gordon E. Grant, United States Forest Service/Oregon State University, *A geographic perspective on vulnerability among water users under changing climate*.
6:00 Adam Romero, MSc*, University of California Berkeley, *Perceptions of Vulnerability and Perceptions as Vulnerability in the Upper Orange River Basin, South Africa*.
6:20 Kathleen A. Dietrich*, Penn State University, *Networks of Adaptive Governance for Water Management under Climate Change: A Case Study*.
6:40 C Gregory Knight*, Pennsylvania State University, *The World System of Water: Implications for Climate Change Adaptation*.
- 4656. Media Geography XI: Musical YouTube (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)**
Room: North Hall N117, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): James Craine, California State University Northridge; John Finn, Arizona State University
 CHAIR(S): John Finn, Arizona State University
5:20 Patricia Burke Wood*, York University, *White Hat: The Calgary Stampede, Propaganda and Urban Space*.
5:40 John Finn*, Arizona State University, *Resonant Places: Cultural Politics and Music in Salvador, Brazil*.
6:00 John Lindenbaum*, University of California - Berkeley, *Neoliberalism and Christian Rock? The politics of apolitics in Contemporary Christian Music*.
6:20 M Marian Mustoe, PhD*, Eastern Oregon University, *YouTube, The "Plebeian Cannes" of the Virtual Video Landscape?*.
6:40 David Meek, M.Sc*, University of Georgia, *YouTube, Invisibility and Displacement: Towards a Phenomenology of Cyberplace*.
- 4657. Globalization and Contemporary Urban India III (Sponsored by Urban Geography Specialty Group)**
Room: North Hall N118, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Pablo Bose, University of Vermont; Ananya Roy, University of California - Berkeley
 CHAIR(S): Pablo Bose, University of Vermont
5:20 DIGANTA KUMAR DAS*, National University of Singapore, *Creating Hi-tech Hyderabad: Restructured city, fractured space*.
5:40 Ananthakrishna Maringanti*, National University of Singapore, *Accounting for 'Other' pathways to globalization: Caste, credit and the making of Cyberabad*.
6:00 Pablo Bose*, University of Vermont, *Living in the Sky in the City of Joy: Struggles over Countryside and Cityscape in Contemporary Kolkata*.
- 4658. Marine Geomorphology and Mapping III (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Coastal and Marine Specialty Group)**
Room: North Hall N119, Las Vegas Convention Center (Panel 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
 Discussant(s): William Heyman, Texas A&M University
 Panelists: Charles Steinback, Ecotrust; Markus Diesing, Cefas; William Heyman, Texas A&M University; Lisa Wedding, University of Hawaii at Manoa
- 4659. Applications and Issues in Web-Based GIS**
Room: North Hall N120, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Alan McConchie, University of British Columbia
5:20 Jason Brian Setzer*, Penn State University, *Leveraging GIS for Projecting Data in Virtual Earth*.
5:40 Frank LaFone*, West Virginia University; Evan Fedorko, West Virginia University, *Neo-geography and Participatory GIS for Data Validation*.
6:00 Yibo Zhang*, The Ohio State University, *Comparing Geocode Accuracy of Google, ArcGIS and MapQuest*.
6:20 Soheil Boroushaki*, University of Western Ontario; Jacek Malczewski, University of Western Ontario, *A Google Maps-based WebGIS for Collaborative Multicriteria Decision Analysis*.
6:40 Alan McConchie*, University of British Columbia; Brian Klinkenberg, University of British Columbia, *Mashups, mapping and map-making on the Geoweb*.

WEDNESDAY, MARCH 25 • 7:00 PM - 9:30 PM

7:00 p.m. – 8:00 p.m.

4708. Climate Specialty Group Business Meeting (Sponsored by Climate Specialty Group)

Room: Royale Pavilion 3, Riviera Hotel, 1st Floor

4709. Geographic Information Science and Systems Specialty Group Business Meeting (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor

4712. Cultural and Political Ecology Specialty Group Business Meeting (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor

4718. Asian Geography Specialty Group Business Meeting (Sponsored by Asian Geography Specialty Group)

Room: Capri 105, Riviera Hotel, 1st Floor

4720. Animal Geography Specialty Group Business Meeting

Room: Capri 107, Riviera Hotel, 1st Floor

4722. Wine Specialty Group Business Meeting (Sponsored by Wine Specialty Group)

Room: Capri 109, Riviera Hotel, 1st Floor

8:00 p.m. – 9:00 p.m.

4808. Cultural Geography Specialty Group Business Meeting (Sponsored by Cultural Geography Specialty Group)

Room: Royale Pavilion 3, Riviera Hotel, 1st Floor

4809. Hazards Specialty Group Business Meeting (Sponsored by Hazards Specialty Group)

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor

4812. Africa Specialty Group Business Meeting (Sponsored by Africa Specialty Group)

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor

4818. Geography of Religions and Belief Systems Specialty Group Business Meeting (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Room: Capri 105, Riviera Hotel, 1st Floor

7:30 p.m. – 8:00 p.m.

Film Event: Last Summer in Berlin Mitte/Ein Berliner Haus - Der Letzte macht das Licht aus

Room: Capri 112, Riviera Hotel, 1st Floor

DESCRIPTION: Berlin (Germany), district of Mitte. The film tells the recent story of the 'New Mitte' in former East-Berlin, where new apartments, and office buildings now fill the former urban voids. Most of the tenement houses here have long been renovated. Except the one where Annika, Manfred, Caspar and Benjamin live. This, though, was until a few months ago. Because a realtor from Hamburg has now decided to renovate. For Annika, Manfred, Caspar and Benjamin, this will be the last summer in this house. The film tells the story of an old tenement house and its inhabitants, thereby tracing a piece of history of urban redevelopment in new Berlin.

7:30 p.m. – 9:30 p.m.

Film Event: 45° North: Life, Space and Change on the US-Canadian Border

Room: Capri 113, Riviera Hotel, 1st Floor

SPONSOR: The University of Vermont

DESCRIPTION: Somewhat romantically described as the world's longest unprotected border, this character of the US-Canadian boundary has produced considerable anxiety for Washington in its self-imposed "post 9/11" epoch. Before and in the post North American Free Trade Agreements 1990s, deliberate efforts were enacted to further minimize the border's impeding effects. However, and more recently, successful and foiled attempts by foreign born nationals to enter the United States via Canada to commit acts of public violence have resulted in palpable change on the United States' northern border. Showing the massive bureaucratic reorganization of US immigration, customs, and border patrol services refracted through the lives of people living in small towns on the Vermont/Quebec border, the film provides a poignant account of the radical spatial and symbolic ruptures that have been brought to bare on local communities by way of national and international concerns tensions between facilitating trade and inhibiting the effects of terrorism.

THURSDAY

Presenting author(s) are indicated with an asterisk ().*

THURSDAY, MARCH 26 • 8:00 AM - 9:40 AM • 5100

5103. Placing Performance

- Room:** Grande Ballroom EF, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jennifer Kitson, Arizona State University
8:00 Georgia Conover*, University of Arizona, *The Performance and Embodiment of Transgressive Identity through American Tribal Style Belly Dance*.
8:20 Levi Gahman*, The University of British Columbia, *Neoliberal Hegemony, Identity Production and the Limits of the Body in Argentina*.
8:40 Donald E. Colley III*, Kent State University, *Play, Performance and Belonging: A Study of Gender Separation at the Kent State University Recreation and Wellness Center*.
9:00 Jennifer Kitson*, Arizona State University, *Domestic Touring: Bodies, Home, and Place*.
9:20 Luke R J Andrews*, University of Toronto, *Renaming Pretoria: Performativity, Place and Afrikaner Identity*.

5104. Regional Differences in U.S. Latina/o Racial Subjectivity

- Room:** Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Laura Pulido
 CHAIR(S): Laura Pulido
 Introducer: Laura Pulido
8:01 Altha J. Cravey, Associate Professor*, University of North Carolina; Holly Worthen, UNC, Chapel Hill, *Spaces of everyday exclusion: racial politics and policing of immigrants in North Carolina*.
8:21 Jamie Winders, Assistant Professor*, Syracuse University; Barbara Ellen Smith*, Virginia Tech, *Historicizing Immigration, Race, and Place in the U.S. South*.
8:41 Joel Jennings*, University of Cambridge, *Latinos/as in Missouri: Politics and Scale*.
9:01 Laura Pulido*, University of Southern California, *What Does it Mean to be Brown? Mexican American Political Activity and Racial Identity in Mid-Century Southern California*.
 Discussant(s): Clyde Woods, University of California, Santa Barbara

5105. Topics in Climatology 1

- Room:** Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): David Leslie Arnold, Frostburg State University
8:00 Stephen D. Galvin, BA*, NUI, Galway; Kieran Hickey, D.Phil., NUI, Galway, *The Use of Weather Data to Assess the Impact of the 1815 Eruption of Mt. Tambora on Ireland's Climate*.
8:20 Shouraseni Sen Roy*, University of Miami, *Spatial variations in seasonal scale UHI development in Delhi Metropolitan Region*.
8:40 Susanne Kames*, University of Winnipeg, University of Manitoba; Jacques C. Tardif, Centre for Forest Interdisciplinary Research (C-FIR), University of Winnipeg; Yves Bergeron, NSERC-UQAT-UQAM Industrial Research Chair in Sustainable Forest Management, Université du Québec en Abitibi-Témiscamingue, *Sensitivity of ring-width and earlywood vessels in *Fraxinus nigra* Marsh. to climatic and hydrologic variables*.
9:00 Elias Martinson*, Kansas State University; Kendra McLauchlan, Kansas State University; Iris Wilson, Kansas State University; John Harrington, Jr., Kansas State University, *Climatic Influence on Growth of *Quercus Macrocarpa* in Northeast Kansas, 1890-2007*.
9:20 David Leslie Arnold, Dr.*, Frostburg State University, *The Science of Verification in a Warming World*.

5106. Issues in Environmental Planning

- Room:** Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): William Welsh
8:00 Benjamin L Shender, AA, BS, MA in progress*, Ohio University, *Nature's Blueprints For Environmental Planning*.
8:20 Zhenghong Tang*, University of Nebraska - Lincoln; Liang Chang, University of Illinois at Urbana-Champaign; Christopher Hussey, University of Nebraska - Lincoln, *Incorporating Climate Change Mitigation and Adaptation in Local Land Use Planning*.
8:40 Arijit Guha*, Clark University Graduate School of Geography, *Differential Adaptive Capacities To A Water-Stressed Future: Reducing Vulnerability Through Integrated Land Use and Water Management Planning*.
9:00 Alex Pulsipher*, Clark University Graduate School of Geography, *Green Infrastructure and the Expansion of Federal Power Over Local Land Use*.
9:20 William Welsh, PhD*, Eastern Michigan University, *Some Consequences of Coastal Brownfield Redevelopment Projects in Michigan*.

5107. Nationalism in the classroom: experiences, challenges and ways forward (Sponsored by Political Geography Specialty Group, Geography Education Specialty Group)

- Room:** Royale Pavilion 2, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Kolson Schlosser, Western Kentucky University; Anu Sabhlok, University of Louisville
 CHAIR(S): Kolson Schlosser, Western Kentucky University
 Introducer: Kolson Schlosser
 Panelists: Simon Dalby, Carleton University; Anu Sabhlok, University of Louisville; Jackson Tyler Zimmerman, University of Wisconsin; George W. White, Frostburg State University; David Jansson, Uppsala Universitet; Jonathan Leib, Old Dominion University

5108. Climate Change, Development and Research Agendas in the Lower Colorado River Basin (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Regional Development and Planning Specialty Group)

- Room:** Royale Pavilion 3, Riviera Hotel, 1st 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
 Discussant(s): Stanley Smith, University of Nevada, Las Vegas
 Panelists: Patricia Gober, Arizona State University; John R. Weeks, San Diego State University; Michael Young, Desert Research Institute; Dale Devitt, University of Nevada Las Vegas; William J. Smith, University of Nevada Las Vegas; Young-Doo Wang, University of Delaware

5109. Wine regions of the United States (Sponsored by Wine Specialty Group)

- Room:** Royale Pavilion 4, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Denyse Lemaire, Rowan University
 CHAIR(S): Denyse Lemaire, Rowan University
8:00 Emily M Thompson*, University of North Alabama; Michael J Pretes, PhD, University of North Alabama, *Improving the reputation of *Vitis rotundifolia* through enhanced viticulture*.

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8:20 Donald C. Rundquist*, CALMIT, School of Natural Resources, University of Nebraska-Lincoln; Anatoly Gitelson, CALMIT, School of Natural Resources, University of Nebraska-Lincoln; Mark Steele, Agricultural Research and Development Center, University of Nebraska-Lincoln, *Remote Sensing of Pigment Content in Grapevine Leaves*.

8:40 John D Boyer, B.S., M.S.*, Virginia Tech, *Wine Trails Trump AVA's in Eastern US: A New Geographical Wine Unit is Born?*.

9:00 Lars Pierce*, California State University Monterey Bay; Andy Michaelis, California State University Monterey Bay; Ramakrishna Nemani, NASA Ames Research Center, *Combining imagery, soils maps, and weather data to develop irrigation schedules for large-scale vineyards*.

9:20 Kyle J. Schlachter*, University of Denver, *Consumer Perception of Colorado Wines*.

5110. Spatial Decision Support (Sponsored by Cyberinfrastructure Specialty Group)

Room: Royale Pavilion 5, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Robert Raskin, Jet Propulsion Lab

CHAIR(S): Youliang Qiu, University of South Carolina

8:00 Youliang Qiu*, University of Florida, *A Fuzzy-ontology Based Approach to Knowledge Management in Spatial Collaborative Decision Making*.

8:20 Naicong Li*, University of Redlands; Stephen Daugherty, University of Redlands; Nathan Strout, University of Redlands; Steve Paplanus, University of Redlands, *Towards Developing a Spatial Decision Support Solution Portal*.

8:40 Nicole Simons*, San Diego State University, *An Assessment of Spatial Decision Support Systems Use for Emergency Management and Crisis Response: The Case of HAZUS-MH*.

9:00 Yuhong Zhou*, UNCC; Jean-Claude Thill, UNCC; Zhengdong Huang, School of Urban Design, Wuhan University, *Design of a People-oriented Decision Support Tool for Fixed-route Bus Travel Planning*.

9:20 Edwin Chow*, University of Michigan - Flint; Richard Sadler, University of Western Ontario, *Uncertainty of Expert Knowledge in Suitability Modeling*.

5111. Sovereign Natures: Un/bounding Political Ecologies I: Sovereignty, Citizenship and Governmentality (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)

Room: Royale Pavilion 6, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Kate Coddington Senner, Syracuse University; Keith Lindner, Syracuse University

CHAIR(S): Kate Coddington Senner, Syracuse University

8:00 Zachary Hurwitz*, University of Texas at Austin, *Water as Object of Knowledge: The Political Ecology of Boundary-Making in the Production of the Madeira River Hydroelectric Complex in Brazil*.

8:20 Sonja K. Pieck*, Bates College, *Contentious Territorializations: IIRSA and the Struggle over Regional Integration in South America*.

8:40 Deb Ranjan Sinha*, Temple University & Clark University, *The Socio-Spatial Limits to Community-based Forestry in the Nepal Terai*.

9:00 Keith Lindner*, Syracuse University, *The Struggle for La Sierra: Contested Natures and Sovereign Scriptings in the San Luis Valley, Colorado*.

Discussant(s): Gabriela Valdivia, University of North Carolina, Chapel Hill

5113. Space as Tactic: Neoliberal Governance, Space & Ethnographies of the Everyday (Part I)

Room: Royale Pavilion 8, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Bruce O'Neill, Stanford University

CHAIR(S): Bruce O'Neill, Stanford University

8:00 Yael Allweil*, UC Berkeley, *Space as an agent of identity, nationality and citizenship: Case study of the Israeli Arab/Palestinian community*.

8:20 Anastasia Loukaitou-Sideris*, UCLA, *A Contested Publicness: Municipal Control and Regulation of US Sidewalks*.

8:40 Aviva Sinervo*, University of California, Santa Cruz, *Cusco's Child Vendors: Selling Strategies and Official Interference*.

9:00 Kate Driscoll Derickson, Penn State University; James McCarthy*, Penn State University, *Neoliberal urban materialities: Property, planning, and politics*.

9:10 Kate Driscoll Derickson*, James P. McCarthy, Pennsylvania State University, *Neoliberal urban materialities: Property, planning, and politics*.

5114. Discrimination in the City

Room: Capri 101, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ben Marsh, Bucknell University

8:00 Aretina R. Hamilton*, University of Kentucky, *Everything Must Change: The Evolution and Eradication of Minority Neighborhoods in American Cities*.

8:20 Jordan Kemp*, University of Western Ontario; Godwin Arku, University of Western Ontario; Jason Gilliland, University of Western Ontario, *Landscape Literacy: Reading into the Role of Local Actors, Media, and Public Policy in Directing Urban Growth Patterns in London, Ontario*.

8:40 Ben Marsh*, Bucknell University; Allan Parnell, Cedar Grove Institute for Sustainable Communities, *Discriminatory political geographies institutionalized through abuse of municipal annexation processes*.

5117. Pedagogy and Educational Assessment

Room: Capri 104, Riviera Hotel, 1st Floor (Interactive Short

Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Erik Prout, Texas A&M University

8:00 Kimberley B Klinker, M.S.*, University of Richmond, *Points, Lines and Pedagogy: Project-based Learning in an Introductory GIS Course*.

8:05 Casey D Allen, PhD*, University of Colorado Denver, *The Power of Fieldwork: Assessing Minority and Female Undergraduate Learning in Introductory Physical Geography*.

8:10 Langdon Smith*, Slippery Rock University; Jack Livingston, Slippery Rock University; James Hathaway, Slippery Rock University, *Geography and Sustainability: Building a masters program that makes a difference*.

8:15 Helenmary Hotz*, University of Massachusetts Boston; Jun Zhu, University of Massachusetts Boston, *Integrating GPS and Remote Sensing with a GIS education model for alternative high schools*.

8:20 Joel Quam*, College of DuPage, *E-Textbook: Geography of Russia 1.0*.

8:25 Cheryl Frazier*, Texas State University-San Marcos, *Preservice Geography Teacher Education in Texas*.

8:30 Erik Prout*, Texas A&M University, *Regional geographies of Texas*.

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- 8:35** Jennifer Gebelein, PhD*, Florida International University, *Using USS Arizona GIS Data to Engage Students in Technology and History of the Pearl Harbor Attack.*
- 8:40** Julie M. Smith, PhD*, Portland State University, *Teaching Technology in a 10 week course.*
- 8:45** Jody Smothers-Marcello*, Sitka School District, *Connections Between Active Learning Opportunities and Assessments in an AP Human Geography Classroom.*
- 5119. Land Stewardship and the Human-Environment Relationship in Africa**
Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)
 CHAIR(S): Andrea Gaughan, University of Florida
8:00 Frederick L. Bein, PhD*, Indiana University Purdue University at Indianapolis; Gilbert M. Nduru, PhD, Moi University, *Traditional Agriculture: Indigenous Crops, Production and Utilization in Western Kenya.*
8:20 Sarah Ives*, Stanford University, *Rooibos Farming in Post-Apartheid South Africa.*
8:40 Jennifer E. Goldstein*, University of California, Los Angeles, *The Rapid Rise of the Rwandan Specialty Coffee Industry: Localizing taste through global commodity markets.*
9:00 Shirley Joy Brooks*, University of KwaZulu-Natal, South Africa, *Creating Third Nature in the South African countryside: New Geographies of Wildlife Production.*
9:20 Andrea E. Gaughan*, University of Florida; Peter Waylen, PhD, University of Florida, *Spatial and temporal variability of precipitation within the Okavango-Kwando-Zambezi catchment area of southern Africa.*
- 5124. Our Cohort's Response: Graduate Students and the (Re) Theorization Project in Population Geography (Sponsored by Graduate Student Affinity Group, Population Specialty Group)**
Room: Capri 112, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Arnisson Andre Caparas Ortega, University of Washington; Sanjeev Kumar, University of Georgia
 CHAIR(S): Paul Boyle, University of St Andrews
 Introducer: Arnisson Andre Caparas Ortega
 Panelists: Tricia Ruiz, University of Washington; Clark Gray, University of North Carolina - Chapel Hill; Kyle Walker, University of Minnesota; Todd Lindley, Indiana University; Sanjeev Kumar, University of Georgia; Paul Boyle, University of St Andrews
- 5125. GIS Specialty Group Honors Student Paper Competition (Sponsored by Geographic Information Science and Systems Specialty Group)**
Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Sarah Elwood, University of Washington
 CHAIR(S): Sarah Elwood, University of Washington
8:00 Tingting Xu*, Tingting Xu, *Vector zonal operations for spatiotemporal analysis.*
8:20 Matthew Collier*, University of Oklahoma, *Mining Spatiotemporal Data to Map Drought Transitions.*
8:40 Grant Fraley*, San Diego State University, *Visual Analytics to Support Spatial Optimization with Genetic Algorithms.*
9:00 Elizabeth Walton*, UNC Greensboro, *Ecological Niche Modeling as a Conservation Tool to Predict Actual and Potential Habitat for the Bog Turtle, Glyptemys mühlenbergii.*
- 5126. Seeking Democratic Alternatives to the Neoliberal State: Geographies of Grassroots Democracy and Community Resistance to Neoliberalism. I (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)**
Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Joshua F. Inwood, Auburn University; Leela Viswanathan, Queen's University
 CHAIR(S): Leela Viswanathan, Queen's University
8:00 Sean Crotty*, San Diego State University, *Fear of Day Laborers and Community Activism: Ideological Challenge for Neoliberal City Governments.*
8:20 Joshua F.J. Inwood*, Auburn University, *Engaging With King: African American Political Thought, The Beloved Community and Social Justice.*
8:40 Dorian T. Warren*, Columbia University; Virginia Parks, University of Chicago, *Contesting Wal-Mart in the City: Race, Labor, and Community in 21st c. Urban Politics.*
9:00 Nina Martin*, University of North Carolina at Chapel Hill, *Community-Based Organizations' Interventions in the Labor Market: Power, Performance, and Politics in Migrant Communities.*
 Discussant(s): Katherine B. Hankins, Georgia State University
- 5127. New Global Data Sets for Monitoring the Environment (Sponsored by Remote Sensing Specialty Group)**
Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): John R. Townshend, University of Maryland
 CHAIR(S): John R. Townshend, University of Maryland
8:00 John R. Townshend, PhD*, Department of Geography, University of Maryland, *Integrated Global Observations of the Land.*
8:20 Matthew C. Hansen*, South Dakota State University; Peter V. Potapov, South Dakota State University; Steve V. Stehman, SUNY-ESF; Erik Lindquist, South Dakota State University; Mark Broich, South Dakota State University, *Advancing forest monitoring via MODIS/Landsat data integration.*
8:40 Francis Lindsay, Dr.*, NASA HQ, *Improving the Use of Earth Science Data through NASA's Core and Community Data Systems.*
9:00 Christopher Justice, PhD*, University of Maryland, *Satellite Data Products to Study the Geography of Fire.*
9:20 Thomas R. Loveland*, United States Geological Survey, *Landsat: Continuing and Improving a Long-Term Global Record of Earth Observation.*
- 5128. Spatiality of Indigenous Sovereignty (Sponsored by Historical Geography Specialty Group, Indigenous Peoples Specialty Group)**
Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): G. Rebecca Dobbs, University of North Carolina at Chapel Hill; RDK Herman, National Museum of the American Indian
 CHAIR(S): Brian J. Murton, University of Hawaii
8:00 Jen E. McCormack*, University of Arizona, *Jagehnagenon is Online: Cyber Legislature and other Governance Spaces of the Citizen Potawatomi Nation.*
8:20 Henry Sivak*, UCLA, *Framing Colonial Nature: Territory, Forests, and the Colonial State in Algeria.*
8:40 Michael D. Smith*, University of British Columbia, *Securing the late settler state: sovereignty, territory and colonial power in contemporary Canada.*
9:00 Jon Corbett*, University of British Columbia-Okanagan; Mike Evans*, UBC Okanagan, *Nation 2.0: the role of Geoweb applications in building the notion of nation in dispersed Aboriginal communities.*

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5129. Geography of Science I (Sponsored by Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group)

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Nicholas Bauch, University of California - Los Angeles; Martha Bell, Pennsylvania State University
 CHAIR(S): Nicholas Bauch, University of California - Los Angeles

8:00 Martha G Bell*, Pennsylvania State University, *Spanish Agricultural Technology in Colonial Latin America.*

8:20 Nicholas Bauch*, University of California - Los Angeles, *Land, Body, and Molecules in late Nineteenth-century Science: The case of the Kellogg cereal enterprise.*

8:40 Claire Major*, York University, *Science as a key word: A Foucaultian analysis of science, power, communication, and deviance during Toronto's SARS crisis.*

9:00 Daniel Margocsy*, Harvard University, *Encyclopedias, taxonomy, and the long-distance exchange of zoological specimens in the early modern world.*

Discussant(s): Karl S. Zimmerer, Penn State University

5130. Spatial Analysis and Location Modeling I (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): DAOQIN TONG, University of Arizona
 CHAIR(S): DAOQIN TONG, University of Arizona
8:00 Luke Shillington*, The University of Arizona; Daoqin Tong, PhD., The University of Arizona, *Wireless Mesh Network Design for Emergency Medical Services in Tucson.*

8:20 Paul Padegimas, BA Geography*, Arizona State University; Alan Murray, PhD Geography, Arizona State University, *Location Modeling Software.*

8:40 Ting Lei*, University of California, Santa Barbara; Richard L Church, Department of Geography, University of California, Santa Barbara, *Vector Assignment r-Interdiction Model.*

9:00 Matthew R. Niblett*, University of California, Santa Barbara; Richard L. Church, University of California, Santa Barbara; Klaus Barber, United States Forest Service, *Scheduling Fuels Reduction Projects using a spatially based strategy.*

9:20 Kai CAO*, Department of Geography and Resource Management; CUHK; Shatin; Hong Kong; Bo Huang, Department of Geography and Resource Management; CUHK; Shatin; Hong Kong; Nan Jiang, School of Geographical Science, Nanjing Normal University; Nanjing; Jiangsu Province; China, *Land Use Allocation Optimization towards Sustainable Development.*

5131. Climate and Infectious Disease I (Sponsored by Medical Geography Specialty Group, Climate Specialty Group)

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Heather K Conley, Illinois State University
 CHAIR(S): Kabita Ghimire, Kansas State University
8:00 Elia Axinia Machado*, Clark University; Ronald J Eastman, Clark University, *What's the role of climate variability in Mexico's vulnerability to dengue?.*
8:20 Stephen Berhane*, Texas A&M University, *Climatic Variability and the Occurrence of West Nile Virus in Harris County, Texas.*
8:40 Cory Morin*, University of Arizona; Andrew C Comrie, University of Arizona, *Modeled Response of the West Nile Virus Vector Culex quinquefasciatus to Changing Climate Using the Dynamic Mosquito Simulation Model.*

9:00 Andrew C. Comrie*, University of Arizona; Cory W Morin, University of Arizona, *Dynamic Modeling of Future Mosquito Population Trends Across the Southern United States.*

9:20 Heather K Conley*, Illinois State University, *Climate Dimensions of the 2006 West Nile Virus outbreak in Idaho.*

5132. Sexuality and Space 1: Global intimacies (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Natalie Oswin, McGill University; Robert M. Vanderbeck, University of Leeds

CHAIR(S): Natalie Oswin, McGill University

8:00 Joni Virkkunen*, University of Joensuu, *Ethnosexual Threats in Post-Soviet Space.*

8:20 Laura Sachiko Fugikawa, MA, ABD*, University of Southern California, *Negotiating Labor, Space, and Sexuality in Ken Loach's Bread and Roses.*

8:40 Monica Ann Smith*, National University of Singapore, *Desire: Sri Lankan Migrant Women and the State.*

9:00 Max Andrucki*, University of Leeds, *The Lifecourse and Queer Return Migration to South Africa.*

9:20 Sarah Starkweather*, National University of Singapore, *Raising Extraterritorial Citizens: American Families Abroad in the 1970s.*

5133. Defining Chinatown (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)

Room: Skybox 205, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Megan Dixon, University of Oregon; Pierpaolo Mudu, Universita Di Roma
 CHAIR(S): Megan Dixon, University of Oregon
 Panelists: Pierpaolo Mudu, Universita Di Roma; Deborah L. Che, Kansas State University; Giulio Lucchini, University of Paris 10; Lucia Lo, York University; Wei Li, Arizona State University; Lu Wang, Ryerson University; Shuguang Wang, Ryerson University

5135. Risk, Policy and Response to Hazards (Sponsored by Hazards Specialty Group)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Susan M. Macey, Texas State University
 CHAIR(S): Wiley C. Thompson, United States Military Academy
8:00 Destiny D Aman, M.S.*, Penn State University; Brent M. Yarnal, PhD, Pennsylvania State University, *The Myth of the "Mobile" Home: exposure and vulnerability of mobile homes to floods.*
8:20 Mathew A. Hay*, Western Michigan University, *Predicting Radon Hazard Location Using Geographic Information Systems and Geospatial Modeling in Marquette County, Michigan, USA.*
8:40 Richard Salkow*, University of South Florida, *Presidential Disaster Declarations and Partisan Politics: Focusing on Marginal Events.*
9:00 Wiley C. Thompson, PhD*, United States Military Academy, *Infrastructure Vulnerability in a Catastrophic CSZ Event and Implications on Disaster Response for the Oregon Coast.*
 Discussant(s): Ron R. Hagelman, Texas State University

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Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Phil Gersmehl, New York Center for Geographic Learning

8:00 Maureen Ann Kelley*, University of Oregon, *The New Cartography: Uses, Abuses, and Excuses*.

8:20 Richard B. Schultz, PhD*, Elmhurst College, *An Andragogic Guide to Teaching Spatial Concepts*.

8:40 Jaehyung Yu*, Texas A & M University-Kingsville, *Vertical Integration of Geospatial Intelligence for South Texas*.

9:00 Cary Komoto, PhD*, University of Wisconsin - Barron County, *Moving Toward a Signature Pedagogy in Geography*.

9:20 Phil Gersmehl*, New York Center for Geographic Learning, *Seeking a Blessed Consilience (About Spatial Thinking)*.

5137. Geographies of Sustainable Lifestyles I: Conceptualising Consumption (Sponsored by Environmental Perception and Behavioral Geography Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Frances Fahy, National University of Ireland, Galway; Stewart Barr, University of Exeter

CHAIR(S): Stewart Barr, University of Exeter

8:00 Michael K Goodman*, King's College London, *Encountering (Ethical) Consumption and the Limits to an Ethics of Care*.

8:20 Jonathan Everts*, University of Sheffield, *The Ethical Consumer?*.

8:40 November Peng Ting Tan*, National University of Singapore, *Producing "Ethical Food" in the Singapore-Malaysia Vegetable Trade System*.

9:00 Louise Rutt*, University of Exeter, *Commodifying Charity: Alternative Giving as Ethical Consumption*.

9:20 Lucy Cartlidge*, University of Sheffield, *The 'making' of eco-homes in England*.

5138. Ecological Analysis using Presettlement Land Survey Records (Sponsored by Biogeography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Yi-Chen WANG, National University of Singapore

CHAIR(S): Barry Joel Kronenfeld, George Mason University

8:00 Elizabeth N Hane*, Rochester Institute of Technology; Evelyn L. Brister, Rochester Institute of Technology; Karl F. Korfmaier, Rochester Institute of Technology, *An Evaluation of Data Quality in Private Presettlement Land Survey Records: The Connecticut Tract in Western New York*.

8:20 Indumathi Srinath*, William Flately; Dr. Andrew Millington; Dr. Charles Lafon, *Vegetation reconstruction in Texas: the use of the Original Texas Land Survey System*.

8:40 Jacob Bendix*, Syracuse University; Lori Mitchener, University of Maine, *Determination of Beaver Distribution in 19th Century Maine From Land Survey Records*.

9:00 Joy A. Fritschle*, West Chester University of Pennsylvania, *Reconstruction of historic vegetation patterns from an underutilized data source in the original Public Land Surveys*.

9:20 Barry Joel Kronenfeld*, George Mason University; Yi-Chen Wang, Assistant Professor, National University of Singapore, *Forest Community Changes in western New York from Presettlement to Present: A Fuzzy Classification Analysis*.

5140. Fluvial Geomorphology I (Sponsored by Geomorphology Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Inci Guneralp, Texas A&M University; Michael Slattery, Texas Christian University

CHAIR(S): Michael Slattery, Texas Christian University

8:00 John M. Faustini*, Oregon State University; Philip R. Kaufmann, U.S. Environmental Protection Agency; Alan T. Herlihy, Oregon State University, *Downstream Variation in Bankfull Width of Wadeable Streams in the Conterminous United States*.

8:20 Mark Alan Fonstad*, Texas State University, San Marcos; W. Andrew Marcus, University of Oregon, *Hyperscale Tests of Fluvial Frameworks*.

8:40 Inci Guneralp*, Texas A&M University; Bruce L. Rhoads, University of Illinois, *Planform curvature-migration relation of meandering rivers with compound loops*.

9:00 Frank L. Engel*, University of Illinois; Bruce L. Rhoads, University of Illinois, *Evolving Flow Patterns in an Evolving Compound Meander Loop*.

9:20 James D. Riley*, University of Illinois at Urbana-Champaign; Bruce L. Rhoads, University of Illinois at Urbana-Champaign, *Channel Curvature at a Small River Confluence in Southeastern Illinois: Implications for Flow Structure and Bed Morphology*.

5143. Land-cover change in Montane Mainland Southeast Asia Part I: Government policies and market transformations (Sponsored by Human Dimensions of Global Change Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jefferson Fox, East-West Center

CHAIR(S): Jefferson Fox, East-West Center

8:00 Nick K. Menzies*, UCLA Asia Institute, *Development by campaign: a history of the transformation of the Xishuangbanna landscape*.

8:20 Janet C. Sturgeon*, Simon Fraser University, *Cash Crops in Xishuangbanna, China*.

8:40 Khamla Phanvilay*, Yayoi Fujita, *Transition of Land Use and Livelihoods in northwestern Laos along the "Economic Corridor"*.

9:00 David Thomas*, World Agroforestry Centre (ICRAF), *Impacts of Shifting Upland Policies on Landscapes and Livelihoods in the Upper Ping River Basin*.

Discussant(s): Joshua S.S. Muldavin, Sarah Lawrence College

5144. Recreating Product and Place I: Exploring the Dialectical Relation between Cultural Industries and Place (Sponsored by Economic Geography Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Norma Rantisi, Wendy Larner, University of Bristol

CHAIR(S): Sally Weller, Victoria University

8:00 Thomas A. Cummins-Russell, MSc Candidate*, Concordia University, *Musicians' networks in Montreal: Adding nuance to the cluster approach to creativity*.

8:20 Robert Kloosterman*, University of Amsterdam; Mariangela Lavanga, University of Amsterdam (UvA), *Culture and the Global Urban System: The Evolution of Dutch Cultural Industries from an International Perspective, 1600-2000*.

8:30 Deborah Leslie*, University of Toronto; Norma Rantisi, University of Concordia, *Industry Spill-acrosses and the Rise of New Cultural Genres: The Case of Montreal's Cirque du Soleil*.

8:50 Nick Lewis*, University of Auckland, *Branding nations: economic nationalism and spatial imaginaries*.

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5145. Latecomer Technological Upgrading and Global Production Networks II (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Yifei Sun, California State University, Northridge; Sharmistha Bagchi-Sen, SUNY-Buffalo
CHAIR(S): Sharmistha Bagchi-Sen, SUNY-Buffalo
8:00 Peilei Fan*, Michigan State University, *Innovation, globalization, and catching-up by Chinese high-tech firms.*
8:20 Peter Kedron*, University at Buffalo; Sharmistha Bagchi-Sen, University at Buffalo, *Asian Latecomers: Entry Determinants of Indian Pharmaceuticals in the US.*
8:40 Yong-Sook Lee*, Korea University; Inhye Heo, Korea University, *Globalizing LCD Clusters in South Korea.*
9:00 Henry Wai-chung Yeung*, National University of Singapore, *Growing Up and Beyond: Asian Firms and the Demise of the Developmental State.*
Discussant(s): Yehua Dennis Wei, University of Utah

5146. Regional and urban development in China (Sponsored by China Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Alana Boland, University of Toronto
CHAIR(S): Enru Wang, University of North Dakota
8:00 Peijun Shi*, Beijing Normal University; Jingai Wang*, Beijing Normal University; Jing Chen, Beijing Normal University, *Disaster effect assessment and post-disaster response of Wenchuan Earthquake, China.*
8:20 Yongqing Xie*, The University of Hong Kong; Roger C.K. Chan, The University of Hong Kong, *Measurement of the Degree of Compactness of Municipalities in Coastal China: A Conceptual Analysis.*
8:40 Weifeng Li*, Massachusetts Institute of Technology, *Financing Public Transportation Systems through Land Value Capture in China: A Case Study of Shenzhen.*
9:00 Man Wang*, University of Washington, *Intra-urban Mobility and Residential Differentiation in Transformational China: A Case Study of Wuhan.*
9:20 Enru Wang*, University of North Dakota, *Rescaling State Governance in China.*

5147. Spaces of Surveillance

Room: North Hall N108, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Hille Koskela, Dr; Stephen Graham, Durham Geography
CHAIR(S): Hille Koskela, Dr
8:00 David Phillips, PhD*, U. Toronto, *Spatiality, Identity, and the Infrastructure of Pervasive Computing: Directions for Critical Intervention.*
8:20 Mark Salter*, University of Ottawa, *iFly: Global Surveillance and the International Airport.*
8:40 Francisco Klauser*, Durham University, *Exemplifications of Surveillance through Sport Mega-Events.*
Discussant(s): Stephen Graham, Durham Geography

5148. Scale, Equity, and Organizing: New Pathways to Achieving Social Justice (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Chris Benner, University of California Davis
CHAIR(S): Chris Benner, University of California Davis
8:00 Manuel Pastor*, University of Southern California; Chris Benner, PhD., UC Davis; Martha Matsuoka, PhD., Occidental College, *For What It's Worth: Regional Equity, Community Organizing, and Metropolitan America.*
8:20 Christopher Niedt*, Hofstra University, *Regionalism and the Unconvinced Older Suburb.*
8:40 Rosa Laura Ramirez*, UC DAVIS, *Jacksonville: A Just Growth Region.*
9:00 Chris Benner*, University of California Davis; Manuel Pastor, University of Southern California, *Fractures and Fault Lines: Growth and Equity in California's Megaregions.*

5149. Biogeography Specialty Group Undergraduate and Masters Level Student Paper Presentation Competition (Sponsored by Biogeography Specialty Group)

Room: North Hall N110, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Michelle Goman, Cornell University
CHAIR(S): Michelle Goman, Cornell University
Introducer: Michelle Goman
8:05 Adam T. Naito*, The Pennsylvania State University, *Twentieth Century Changes in Vegetation and Suitability of Wildlife Habitat in the Lassen National Forest, California.*
8:25 Justin Lee Roberson*, University of South Carolina; John A. Kupfer, University of South Carolina, *Bird Species Prediction Modeling: A Comparison of Multiple Modeling Techniques at Francis Marion National Forest in South Carolina.*
8:45 Eileen L Jones*, Department of Geography, University of British Columbia; Lori D Daniels, Department of Geography, University of British Columbia, *Decay dynamics of snag habitat in old-growth spruce and pine stands in the Rocky Mountain Foothills.*
9:05 Matthew C. Batina*, University of Southern Mississippi; Carl A. Reese, University of Southern Mississippi, *A Holocene pollen record recovered from a guano deposit, Round Spring Cavern, Missouri.*

5150. Cities and Urban Regions in Latin America (Sponsored by Development Geographies Specialty Group, Latin America Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (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
8:00 Catalina Ortiz*, Phd Student; Catalina Ortiz, Phd student - member AAG, *Suburban archipelagos in Colombia: the new scale of segregation?.*
8:20 Julian S Yates*, University of Victoria, *The Collection and Re-use of Organic Waste for Urban Agriculture in Diadema, Brazil.*
8:40 Paavo Monkkonen, MPP*, UC Berkeley, *Mexico's Emerging Suburbia: Housing Finance and Local Government in Transition.*
9:00 David M. Walker*, Ohio Wesleyan University, *Neoliberalization from below: Ejidatario appropriation and subsequent implementation of neoliberal discourses, policies and practices.*

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9:20 Betty Elaine Smith, PhD*, Eastern Illinois University,
*Urban Environmental Issues in the Capital City of the
Galapagos Islands.*

5151. Locating Health in the US

Room: North Hall N112, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): Stacey Brown, Oklahoma State University

8:00 Imam Xierali, PhD*, Robert Graham Center, *Explaining
Physician Movement in the United States.*

8:20 Neng Wan*, Texas State University, *Economic development
and public health: what happened to the Austin-San
Antonio Corridor during 2000-2006.*

8:40 Stacey Brown*, Oklahoma State University; Jonathan
C. Comer, Oklahoma State University, *Emergency!
Analyzing Hospital Locations in Oklahoma.*

5152. Gendered Spaces in Georgia, Iran, and Turkey

Room: North Hall N113, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Laura Cahill

8:00 Razieh Rezazadeh, Iran University of Science &
Technology; Maryam Mohammadi*, Iran University of
Science and Technology, *An investigation into factors
increasing women's presence in neighborhood open
space, case study: Chizar Square, Tehran, Iran.*

8:20 Ia Iashvili*, The University of Montana/Akaki Tsereteli
State University(Georgia); Christiane von Reichert,
The University of Montana, *Peculiarities of the
Transition Period: Social Problems in Georgia.*

8:40 Aida Izadpanah Jahromi*, The Graduate Center, CUNY,
Iranian Women and Public Space.

9:00 Laura S. E. Cahill*, The University of Montana, *The Visual
Representation and Reproduction of Georgian Women's
Roles in History.*

5153. Toxic debt, sub-prime lending and the credit crunch

Room: North Hall N114, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Lindsey Appleyard, University of Nottingham;
John Bryson, University of Birmingham

CHAIR(S): John Bryson, University of Birmingham

8:00 John Bryson*, University of Birmingham; Michael Taylor,
University of Birmingham, *Contaminated Money:
Poisonous debt and the geographies of securitization.*

8:20 Peter W. Daniels*, University of Birmingham, *The Credit
Crunch Contagion and Geographies of Finance.*

8:40 Lindsey Appleyard*, University of Nottingham, *Financial
Inclusion and Community Development Finance
Institutions (CDFIs) in the US.*

Discussant(s): Phillip O'Neill, University of Western Sydney

5154. Vegetation Monitoring Using Moderate Resolution Data

Room: North Hall N115, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): Sun Park, University of Hawaii-Hilo (Geography)

8:00 Dongdong Wang*, Department of Geography, University
of Maryland, College Park, MD 20742; Shunlin Liang,
Department of Geography, University of Maryland,
College Park, MD 20742, *Integrating MODIS
and CYCLOPES LAI Products Based on Bayesian
Maximum Entropy.*

8:20 Zuoning Jiang*, Department of Earth Sciences, Indiana
University-Purdue University, Indianapolis; Lin Li,
Department of Earth Sciences, Indiana University-
Purdue University, Indianapolis; Marco Trombetti,
Center for Spatial Technologies and Remote Sensing
(CSTARS), University of California, Davis; Susan L.
Ustin, Center for Spatial Technologies and Remote
Sensing (CSTARS), University of California, Davis,
*Retrieval of multi-temporal vegetation water content
from MODIS reflectance.*

8:40 Sharmistha Swain, PhD Research Scholar*, School of
Natural Resources, University of Nebraska, Lincoln;
Sunil Narumalani, Professor, School of Natural
Resources, University of Nebraska, Lincoln; Brian
Wardlow, Assistant professor, School of Natural
Resources, University of Nebraska, Lincoln;
Tsegaye Tadesse, Climatologist, National Drought
Mitigation Center, University of Nebraska, Lincoln,
*An Assessment of Vegetation Response to Drought
in Nebraska Using Terra-MODIS Land Surface
Temperature and Normalized Difference Vegetation
Index.*

9:00 Charles W. Emerson*, Western Michigan University, *An
Assessment of the Relationships Between Vegetation
Changes Across Inner Mongolia, Agricultural
Statistics, and Rural Incomes.*

9:20 Sunyurp Park*, University of Hawaii-Hilo (Geography),
*Sensitivity of three MODIS-based vegetation indices to
seasonality and foliage moisture in the tropics.*

5155. Media Geography XII: Imaginative Spaces (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Giorgio Hadi Curti, San Diego State

University; Jason Dittmer, University College London
CHAIR(S): Tamara Edyta West, Manchester Metropolitan
University

8:00 Victoria S Downey*, University of Minnesota, Twin Cities,
*Media and the "Other": Exoticized Representations
and the Cultural Construction of Hawai'i.*

8:20 Leigh Schwartz*, University of Texas at Austin, *Exploring
the Imagination in Virtual Worlds.*

8:40 Tamara Edyta West*, Manchester Metropolitan University,
*Narratives of Place, Identity and Memory - Images of
Life in Polish Occupied Displaced Persons Camps.*

9:00 Marina Viola*, Pennsylvania State University, *Walt's Vision
of the West: A textual analysis of Disney's California
Adventure.*

9:20 Mariko Yabe*, UCLA, *Early Twenty-First Century
Reading Cultural Cityscapes (in Destruction) of Tokyo
Reflecting on the Popular Maps in the 1940s Los
Angeles.*

5156. The Neoliberal Imprint on Cities, Communities, and Bodies

Room: North Hall N117, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee

CHAIR(S): Lukas Smas, Department of Human Geography,
Stockholm University

8:00 Ji-Eun Kim*, University of Illinois at Chicago,
*Neoliberalization of Urban Redevelopment Policy in
Seoul.*

8:20 Lukas Smas*, Department of Human Geography,
Stockholm University, *Fashioning Places: Spatial
practices of shopping and retailing.*

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5157. Modeling in Urban Applications

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Yongwan Chun, The University of Texas at Dallas

8:00 Jun Li*, Ningchuan Xiao, *Using a Cellular Automaton to Simulate Urban Sprawl in Hangzhou, China.*

8:20 Shiguo Jiang*, Ohio State University, *Fractal Analysis of Crime in Columbus, Ohio.*

8:40 Manuel Ruiz, Universidad Politecnica de Cartagena; Fernando Lopez, Universidad Politecnica de Cartagena; Antonio Paez*, McMaster University, *Spatial Association of Qualitative Variables: A New Test Based on Symbolic Logic.*

9:00 Michael Kaston Reilly, PhD.*, Stanford University; Burak Güneralp, Yale University, *An Operational Framework for Capturing Feedback Dynamics Across and Among Scales in Urban Land Change Science.*

9:20 Yongwan Chun*, The University of Texas at Dallas; Daniel Griffith, University of Texas at Dallas, *Modeling network autocorrelation in space-time panel data: an eigenvector spatial filtering approach.*

5158. Participation, social justice and theory 1: short papers (Sponsored by Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Caitlin Cahill, University of Utah; Sara

Kindon, Victoria University of Wellington

CHAIR(S): Sara Kindon, Victoria University of Wellington

8:00 Alyssa A Nelson*, Youth In Focus, *Youth In Focus: Engaging Theory and Practice for Youth-Led Social Change.*

8:20 Sara Kindon*, Institute of Geography, Victoria University of Wellington, Aotearoa New Zealand, *Thinking through Complicity.*

8:40 Laxmi Ramasubramanian*, Hunter College, *Participatory Urban Governance: Theorizing at/from the Margins.*

9:00 Marcia McKenzie*, University of Saskatchewan, *Culture as Practice and the Research Imagination.*

9:20 Mike Kesby*, University of St Andrews, UK, *Acting on Theory: PAR and Performativity.*

5159. Emerging Topics in International Development (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)

Room: North Hall N120, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Brian King, The Pennsylvania State

University; Jeffrey Bury, University of California, Santa Cruz

CHAIR(S): Jeffrey Bury, University of California, Santa Cruz

Panelists: Molly E. Brown, NASA; Ed Carr, University of South Carolina; Brent McCusker, West Virginia University; Jeffrey Bury, University of California, Santa Cruz; Brian King, The Pennsylvania State University

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5203. Climatology and Environment

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

Randall S. Cerveny*, Arizona State University; Andrew W Ellis, PhD., Arizona State University; Robert C. Balling, PhD., Arizona State University; Matthew Pace, Arizona State University; Kimberly Debiase, Arizona State University, *Climatological Isentropic Analysis as a Drought Detection/Monitoring Tool.*

Jane Marie Wix*, Western Kentucky University; William N Rodgers, Western Kentucky University; Rezaul Mahmood, Western Kentucky University, *Relationships between Summer Rainfall Variability and Flash Floods in the Appalachian Region of Eastern Kentucky.*

Merlin P. Lawson*, Prof of Geosciences & Dean Emeritus of Graduate Studies; Randall Cerveny, President's Professor, Arizona State University; Cary Mock, Associate Professor of Geography, University of South Carolina, *A Geopolitical Perspective of Zebulon Pike's Geographical Knowledge of the Interior of Louisiana.*

Josh Durkee*, Western Kentucky University, *Characteristic changes in South American mesoscale convective complexes in relation to the South Atlantic Convergence Zone.*

Michael J. Keables*, University of Denver, *Impact of Climate Change on Great Plains Hydroclimatology.*

Frederick B. Chambers, PhD.*, University of Colorado, Denver; Steven J. Gordon, PhD., United States Air Force Academy, *Initial Findings On Relationships Between Meteorology And Basalt Flow Mineral Weathering, Hawaii Volcanoes National Park: Extending The Climate Record At Three Key Sites.*

Justin T. Maxwell*, Carolina Tree Ring Science Laboratory, UNC at Greensboro; Peter T. Soulé, Appalachian State University, *How Does the United States 2007 Drought Compare Historically?.*

Greg Goodrich*, Western Kentucky University; Kyle Thompson, Western Kentucky University; Stanley Wingard, Western Kentucky University; Kylie Batson, Western Kentucky University, *The 2007 Mid-South summer drought and heat wave in historical perspective.*

Josh Jankot*, Ohio State University, *Early/Late Season Major Snowstorms in Southern New England.*

Savannah Neuffer*, Undergraduate Student; Scott Headrick, Undergraduate Student; Jacqueline J Shinker, Faculty Advisor, *Fire and Climate Relationships in the South Dakota Black Hills.*

Marcus L. Bükér*, University of Wisconsin Oshkosh, *Long-range convective ozone transport during INTEX.*

Ann Syrowski*, University of Dayton; Shuang-Ye Wu, University of Dayton, *Projecting Future Extreme Precipitation for The Great Miami River Watershed, Ohio.*

Misty Layne White*, University of North Alabama, *Using GIS tools to improve the utility of National Weather Service storm event data in climatological and spatial analyses.*

Kristin A. Walls*, The Ohio State University - Department of Geography, *Synoptic Analysis of the Tornado and Derecho Climatology of Ohio from 1959-2000.*

Barry D. Keim*, Louisiana State University; Kevin D. Robbins, Louisiana State University, *Intraseasonal Occurrence Dates of North Atlantic Tropical Storms and Hurricanes.*

Michael A O'Neal, University of Delaware; Brian Hanson*, University of Delaware; Daniel J Leathers, University of Delaware, *Assessing Recent Glacier Retreat in Response to Landcover-Induced Temperature Change.*

Jennifer M Collins, PhD*, University of South Florida; Charles H Paxton, National Weather Service, Ruskin; Daniel Noah, National Weather Service, Ruskin; Alicia Williams, University of South Florida, *Southwest Florida warm season tornado development.*

Alice Schoen*, Lawrence University; Chad Lane, Lawrence University, *Sedimentary Evidence of Shifting Paleoclimatographic Conditions During the Late Holocene from the Lahave Basin (Scotian Shelf).*

Janelle Grochowski*, Minnesota State University, Mankato, *Winter Severity for the Ring-Necked Pheasant in Minnesota.*

Belayet Khan*, Eastern Illinois University, *An Investigation of Linkage Between El Nino Occurrences and Weather Patterns in Bangladesh.*

Jeremy E. Diem*, Georgia State University; David P Brown*, Louisiana State University, *Relationships among monsoon-season circulation patterns, gulf surges, and rainfall within the Lower Colorado River Basin, USA.*

Taesoo Lee*, Texas A&M University; Balaji Narashimhan, Indian Institute of Technology-Madras; Raghavan Srinivasan, Texas A&M University, *Overview of watershed assessment and conservation plan using SWAT in upper Trinity River basin, TX.*

Justin T Berg*, University of Wisconsin-Eau Claire; Joseph P Hupy, PHD, University of Wisconsin-Eau Claire, *Linking Anthropogenic Influence to Landscape Disturbance Patterns.*

Firooza Pavri*, University of Southern Maine; Vinton Valentine, University of Southern Maine; Abraham Dailey, University of Southern Maine; Grace Mueller, University of Southern Maine, *Characterizing Maine's coastal wetlands using linked hyper and multi-spectral satellite data.*

Ritaumaria Pereira*, MSU; Cynthia S. Simmons, MSU, *Small farmers, production and environmental impacts in the Brazilian Amazon.*

Minerva Campos*, Institut de Ciència i Tecnologia Ambiental, Autonomous University of Barcelona; Marti Boada, Institut de Ciència i Tecnologia Ambiental, Universitat Autònoma de Barcelona; Alejandro Velázquez, Centro de Investigación en Geografía Ambiental, Universidad Nacional Autónoma de México; Ángel Priego-Santander, Centro de Investigación en Geografía Ambiental, Universidad Nacional Autónoma de México, *Integration of land use change analysis and eco-geographic principles for the definition of environmental management units in the Pacific coast of Mexico.*

Chengsheng Jiang*; Jinfeng Wang; Yilan Liao; Maogui Hu; Aihua Ma; Yansha Guo, *High efficiency spatial sampling design based on the Sandwich Spatial Sampling and Inference (SSSI) Software.*

Zhao Wenhui*, College of Resources Environment and Tourism, Capital Normal University, Beijing; Huili Gong, College of Resources Environment and Tourism, Capital Normal University, Beijing, China; Wenji Zhao, College of Resources Environment and Tourism, Capital Normal University, Beijing, China; Tao Tang, Department of Geography and Planning, State University of New York College at Buffalo, USA, *Study of Urban Inhalable Particulate Matter Spatial Distribution and Their Mechanism in Beijing Using RS & GIS.*

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- Brianna Castle*, Central College; Carran Calderwood, Central College; Anya Z Butt, Assoc. Prof., Central College; Peggy Fitch, Prof., Central College, *Awareness of water related environmental issues in Pella, Iowa.*
- Margarette Elliot*, Minnesota State University; Martin Mitchell, Professor of Geography, Minnesota State University; Fei Yuan, Professor of Geography, Minnesota State University, *Land Use Practices of the Blue Earth River Riparian Corridor and their Affect on Soil Loss using GIS and Remote Sensing.*
- Xueqin He*, Texas State University - San Marcos; John Tiefenbacher, Texas State University-San Marcos, *Regional variation in environmental attitudes and behavior: A comparison of east coast and west inland areas in China.*
- Shahalam M.N. Amin*, Bloomsburg University of Pennsylvania; Salim Momtaz, University of Newcastle, *Coastal Shrimp Farming in Bangladesh: An Environmental Evaluation.*
- Desserae K Shepston*, Texas State University-San Marcos, *The implications of forest management in Oregon: Examining the relationship between forest cover patterns on public and private lands.*
- Jason Janke*, Metro State College of Denver, *Alternative energy solutions: GIS Modeling of wind and solar farms in Colorado.*
- Donald J Huebner, PhD*, Texas State University-San Marcos; Daniel J Huebner, Texas State University-San Marcos, *No trace is displaced trace.*
- Xin Tong, Peking University; Jin Shi*, Peking University, *The Diffusion of Green Technology: Comparison of Three Electronics Clusters in China.*
- LIU KE*, College of Resources Environment and Tourism, Capital Normal University, Beijing, China; Zhao Wenji, College of Resources Environment and Tourism, Capital Normal University, Beijing, China, *Change Analysis of Soil Erosion in the Northern Mountainous Area of Beijing Based on RS and GIS.*
- Ma. de Lourdes Rodriguez Gamiño*, Instituto de Geografía, UNAM; Jorge López Blanco, Instituto de Geografía, UNAM; Gilberto Vela Correa, Departamento El Hombre y su Ambiente, UAM-Xochimilco, *Sustainability Indicators of The Sierra Chichinautzin And Its Environmental Importance To Mexico City.*

- 10:50** Azar Zarrin*, Assistant professor, Dept. of Geography, Tabarestan Institute of Higher Education, Chalous, Iran; Hoosang Ghaemi, Professor, Islamic Republic of Iran Meteorological Organization, Tehran, Iran; Majid Azadi, Assistant professor, Atmospheric Science and Meteorological Research Center, Tehran, Iran; Manuchehr Farajzadeh, Associate professor, Dept. of Remote Sensing and GIS, Tarbiat Modares University, Tehran, Iran; Abbas Mofidi, Assistant professor, Dept. of Geography, Tabarestan Institute of Higher Education, Chalous, Iran, *The Effects of Zagros Mountain on Iran summertime subtropical anticyclone.*
- 11:10** Abbas Mofidi*, Assistant professor, Dept. of Geography, Tabarestan Institute of Higher Education, Chalous, Iran; Bohloul Alijani, Professor, Dept. of Geography, Tarbiat Moalem University, Tehran, Iran; Azar Zarrin, Assistant professor, Dept. of Geography, Tabarestan Institute of Higher Education, Chalous, Iran, *The Structure of Summertime Atmospheric Circulation over Southwest Asia.*
- 11:30** Ronnie D Leeper*, Western Kentucky University; Arturo Quintanar, Dr., Western Kentucky University; Rezaul Mahmood, Dr., Western Kentucky University, *A comparative sensitivity evaluation of the WRF and MM5 models under varied soil moisture condition.*

- 5206. Feminist Engagements with the Geopolitical I**
Room: *Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)*
 ORGANIZER(S): Deborah Dixon
 CHAIR(S): Deborah Cowen, University of Toronto
 Introducer: Deborah Dixon
10:20 Jennifer L. Fluri*, Dartmouth College, *Armored Peacocks and Macho-Feminists: The (dis)placements of gender-based geopolitical aid/development in Afghanistan.*
10:40 Natalie R. Koch*, U of Colorado, Boulder, *Secular Islam? Gender, nation-building, and geopolitical culture in Uzbekistan.*
11:00 Heidi J. Nast*, DePaul University - International Studies Program; Glen S. Elder, University of Vermont, Burlington, *Biopower, necropower, and the sovereign (territorial) aims of "race".*
11:20 Jessie Clark*, University of Arizona, *Biopoliticizing geopolitics: the social reproduction of security.*
 Discussant(s): Deborah Dixon

- 5205. Topics in Climatology 2**
Room: *Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)*
 ORGANIZER(S): Program Committee
 CHAIR(S): Ronnie Leeper, WKU
10:10 Jianjun Ge*, Oklahoma State University, *Impacts of intensive agriculture on regional climate from satellite.*
10:30 Gwangyong Choi*, Korea Meteorological Administration; David A. Robinson, Rutgers University; Won-Tae Kwon, Korea Meteorological Administration, *Recent changes in the Northern Hemisphere circumpolar vortex.*

- 5207. Geographers in the Classroom (Sponsored by Geography Education Specialty Group)**
Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)*
 ORGANIZER(S): Heike Alberts, University of Wisconsin-Oshkosh
 CHAIR(S): Helen Hazen
10:10 Rebecca Theobald*, University of Colorado at Colorado Springs, *Classroom Incivilities: The Challenge of Interactions between College Students and Professors.*
10:30 Heike Alberts*, University of Wisconsin-Oshkosh, *Teaching with an Accent.*
10:50 Eric J. Fournier*, Samford University, *Moving beyond multiple choice: toward learner-centered assessment in geography.*
11:10 Erin H. Fouberg*, Northern State University, *Scale and Identity: Using Scale to Teach Gender, Race, and Ethnicity.*
11:30 Peter Anthamatten, PhD*, University of Colorado Denver, *Exploring the applicability of research on spatial thinking to college-level instruction.*

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- 5208. Climate Change, Ecosystems and Research Agendas in the Lower Colorado River Basin (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Biogeography Specialty Group)**

Room: *Royale Pavilion 3, Riviera Hotel, 1st 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
 Discussant(s): Stanley Smith, University of Nevada, Las Vegas
 Panelists: Katie Hirschboeck, University of Arizona; Connie Woodhouse, University of Arizona; Franco Biondi, DendroLab, University of Nevada; Jay Arnone, Desert Research Institute; Thomas Piechota, University of Nevada, Las Vegas; Brett Riddle, University of Nevada Las Vegas

- 5209. American Subprime Dilemma: Race, Risk, and Responsibility (Sponsored by Urban Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Monica W. Varsanyi, John Jay College, City University of New York
 CHAIR(S): Monica W. Varsanyi, John Jay College, City University of New York
 Introducer: James DeFilippis
 Panelists: Elvin K. Wyly, University of British Columbia

- 5210. Service-oriented computing in Geography and GIScience (Sponsored by Cyberinfrastructure Specialty Group, Geographic Information Science and Systems Specialty Group)**

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Robert Raskin, Jet Propulsion Lab; Xuan Shi, Georgia Tech
 CHAIR(S): Xuan Shi, Georgia Tech
10:10 Chaowei Yang*, George Mason University, *Service Oriented Architecture and GIS: Pros and Cons.*
10:30 Ola Ahlqvist*, The Ohio State University; Austin Kocher, The Ohio State University, *Virtual globe games - a platform for integrated geosocial scenario development.*
10:50 Qunying Huang*, Ying Cao; Chaowei Yang; Zhenglong Li, *A near real-time Earth Observation Data dissemination service.*
11:10 Huayi Wu, Dr. *, GGS, COS, George Mason University; Xiaojing Liu, LIESMARS, Wuhan University; Chaowei Yang, GGS, COS, George Mason University; David Wong, GGS, COS, George Mason University, *Vector Pyramid: Organizing Huge Vector Data for Vector-based Geospatial Information Service.*
11:30 Xuan Shi*, Georgia Tech, *Service Oriented Computing in Geography and GIScience - Strategic Thinking.*

- 5211. Sovereign Natures: Un/bounding Political Ecologies II: Conservation, Sovereignty and Territory (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group)**

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Kate Coddington Senner, Syracuse University; Keith Lindner, Syracuse University
 CHAIR(S): Keith Lindner, Syracuse University
10:10 Emma Gaalaas Mullaney*, Miami University, *The Territory - Negotiated Boundaries of Indigenous Land and Livelihood in the Commonwealth of Dominica.*
10:30 Anne-Marie S Hanson, PhD Student*, University of Arizona, *Changing Spaces and Conflicting Values in Biodiversity Conservation: How diverse actors and influences impact conservation goals in a Mexican biosphere reserve.*
10:50 Rod Neumann, PhD*, Florida Intl Univesity, *Narratives of Nature, Landscape, and Identity in an Expanding European Union.*
11:10 Kate Coddington Senner*, Syracuse University, *The building that isn't there: contesting land and sovereignty in Seward, Alaska.*
 Discussant(s): Juanita Sundberg, University of British Columbia

- 5213. Space as Tactic: Neoliberal Governance, Space & Ethnographies of the Everyday (Part II)**

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Bruce O'Neill, Stanford University
 CHAIR(S): Bruce O'Neill, Stanford University
10:10 Bruce O'Neill*, Stanford University, *Down and Out in Bucharest, Romania: Placing Shelters, Governing Populations & the Management of Development.*
10:30 Sharad Chari*, London School of Economics & University of KwaZulu-Natal, *The Biopolitics of Racial Space and Antiracial Activism in Apartheid South Africa.*
10:50 Ramah McKay*, Stanford University, *Villages, camps, zones and bairros: Welfare spaces in central Mozambique.*
11:10 Richard A. Walker, Professor*, University of California-Berkeley, *Birth of The Modern: Rebuilding San Francisco For The 20th Century.*
 Discussant(s): Diana Fisher, California State University - Los Angeles

- 5214. The Geographies of Fear, Danger, and Violence**

Room: *Capri 101, Riviera Hotel, 1st Floor* (Paper Session)
 CHAIR(S): Paul Richards, University College London
10:10 Steve McClure*, George Mason University, *Sexual Violence, Safe and Scary Spaces: Geography of Fear.*
10:30 Linda Sandberg*, *Vulnerable women and protective men Women's and men's responses to threatening situations in Umeå, Sweden.*
10:50 Melissa Stepney*, University of Reading, *Young women and alcohol: a cross cultural study of psycho-social and spatial practices in the night-time economy.*
11:10 C. Debra M. Furr-Holden, PhD*, Johns Hopkins Bloomberg School of Public Health; Philip Leaf, PhD, Johns Hopkins Bloomberg School of Public Health; Daniel Webster, PhD, Johns Hopkins Bloomberg School of Public Health; Thomas LaVeist, PhD, Johns Hopkins Bloomberg School of Public Health; Adam J. Milam, BA, Johns Hopkins Bloomberg School of Public Health, *Evaluating the Impact of Alcohol Outlet Proximity to Schools on Children's Exposure to Violence, Alcohol, Tobacco, and Other Drugs: Implications for Alcohol Policy and Zoning Enforcement.*

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11:30 Paul Richards*, University College London; Paul Longley, Professor, University College London, *New Ways of analysing the fear of crime in London.*

5217. J. Warren Nystrom Award Competition Session

Room: Capri 104, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard D. Wright, San Diego State University

10:10 Jason P. Julian*, University of Oklahoma, *Basin-scale consequences of agricultural land use on light availability and primary production in rivers.*

10:30 Tina Mangieri*, Texas A&M, *African cloth, export production, and secondhand clothing in Kenya.*

10:50 Peggy Hauselt*, CSU Stanislaus; Richard Plant, UC Davis, *Spatial Modeling of Water Use in California Rice Production.*

11:10 Shaunna K. Burbidge*, Brigham Young University; Konstadinos G. Goulias, PhD, University of California Santa Barbara, *The Impact of Neighborhood Trail Construction on Active Travel Behavior and Physical Activity in the Suburbs.*

5219. Communities and Protected Areas: Lessons from East and Southern Africa

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)

CHAIR(S): Luke Victor Rostant, University of Florida

10:10 Sadie J. Ryan, PhD*, Stanford University; Joel Hartter, Assistant Professor, University of New Hampshire, *The social impacts of landscape change around a fortress park in Uganda.*

10:30 Michael W. Binford*, University of Florida; Brian Child, University of Florida; Abe Goldman, University of Florida; Paul Leslie, University of North Carolina; Terry McCabe, University of Colorado, *Biophysical and national policy factors influencing protected area success in East and southern Africa.*

10:50 Peter Scull*, Colgate University, *Analyzing range behavior of Ugandan mountain gorilla, a critically endangered species.*

11:10 Jeremia N. Njeru*, West Virginia University, *The Anatomy of a 'Movement' To Stop Deforestation: The Case of a Struggle To Save Karura Forest In Nairobi, Kenya.*

11:30 Luke Victor Rostant, BSc, MPhil*, University of Florida; Brian Child, BSc., DPhil., University of Florida, *The efficacy of community based monitoring in Namibia: The Event Book system.*

5224. 'Geography's diversity, coherence, prospects (Sponsored by Graduate Student Affinity Group, Population Specialty Group)

Room: Capri 112, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Timothy Lee Hawthorne, The Ohio State University

CHAIR(S): Timothy Lee Hawthorne, The Ohio State University

10:10 Hyowon Ban, The Ohio State University

10:30 John Paul C. Catungal, University of Toronto

10:50 Nathan Lee Clough, University of Minnesota

11:10 Timothy Lee Hawthorne, The Ohio State University

11:30 Tristan Sturm, UCLA

5225. Medical Geography Models and Statistical Methods

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ling Bian, SUNY At Buffalo

10:10 Lu Liang*, State Key Laboratory of Remote Sensing Science, Jointly Sponsored by Institute of Remote Sensing Applications, Chinese Academy of Sciences, and Beijing Normal University, *A global assessment of survival duration of H5N1 viruses in the environment.*

10:30 K. Bruce Newbold, McMaster University; Antonio Páez, McMaster University; P.J. Saberton*, McMaster University, *Using Canadian, blood donor, count data to generate positively, autocorrelated, regression models.*

10:50 Riju Stephen*, City of Houston Health and Human Services, *Spatial Epidemiology of the Epidemic of Gonorrhea in Houston/Harris County, TX.*

11:10 Tao Tang, Prof.*, SUNY College at Buffalo - (Buffalo State College); Huili Gong, Prof., Capital Normal U. of China; Wenji Zhao, Prof., Capital Normal U. of China, *Spatial Exposure Modeling of Children and Elderly People to Fine Particulate Air Pollution.*

11:30 Ling Bian*, University at Buffalo; Liang Mao, University at Buffalo, *Validating an individual-based spatially explicit epidemiological model for dispersion of communicable diseases.*

5226. Seeking Democratic Alternatives to the Neoliberal State: Geographies of Grassroots Democracy and Community Resistance to Neoliberalism. II (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Joshua F. Inwood, Auburn University; Leela Viswanathan, Queen's University

CHAIR(S): Joshua F. Inwood, Auburn University

10:10 Carolyn Gallaher*, American University, *Condo Conversions in Washington DC: How 'Tenant Friendly' Legislation Fed the Real Estate Bubble in DC.*

10:30 Caleb F Johnston*, University of British Columbia, *Resisting neoliberal Delhi: performance, politics, and tactics.*

10:50 Sriram Ananthanarayanan*, University of Minnesota, *New Mechanisms for Imperialism in India: The Special Economic Zones.*

11:10 Laura Wilson*, Georgia State University, *Community Voluntarism in Gentrifying Neighborhoods in Atlanta.*

Discussant(s): Leela Viswanathan, Queen's University

5227. Agro-Ecology (Sponsored by Remote Sensing Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Mahesh Rao, Oklahoma State University

CHAIR(S): Mahesh Rao, Oklahoma State University

10:10 Mahesh Rao*, Oklahoma State University; Subodh Ganta, Oklahoma State University, *A Spatial Analysis of Expiring Contracts under the Conservation Reserve Program (CRP).*

10:30 Elisha Jasper Dung*, Dept. of Geography, Okstate, Stillwater, OK; Mahesh N Rao, Oklahoma State University, Stillwater, *Using GIS to Assess the Conservation Reserve Program (CRP) Tracts within the Cropland Data Layer in Texas County, Oklahoma.*

10:50 Sieue Siewe*, Oklahoma State University; Mahesh Rao, Oklahoma State University, *The Role of Field based Remote Sensing in Detecting Crop Stress.*

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5228. Recent Undertakings of the Retired Geographers Organization (Sponsored by Retired Geographers Affinity Group)

Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Christopher L. Salter, PWA Architects
 CHAIR(S): Christopher L. Salter, PWA Architects
 10:10 John Dietz*, University of Northern Colorado, *Window on Immigration Issues: Teaching English to Recent Immigrants*.
 10:30 Malcolm Comeaux, PhD*, Arizona State University, *The Cajun Mardi Gras*.
 10:50 Christine Drake, Dr.*, Old Dominion University, *The Canary and Cape Verde Islands: Contrasts in Well-Being*.
 Introducer: Christopher L. Salter
 11:13 Richard L. Nostrand*, University of Oklahoma, *El Cerrito's Adobe Schoolhouse: Rebuilding with Authenticity*.
 Discussant(s): Christopher L. Salter, PWA Architects

5229. Geography of Science II (Sponsored by Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group)

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Martha Bell, Pennsylvania State University; Nicholas Bauch, University of California - Los Angeles
 CHAIR(S): Martha Bell, Pennsylvania State University
 10:10 Yen-Chu Weng*, University of Wisconsin-Madison, *Amateur Restorationists: Lay Scientists and Concerned Citizens*.
 10:30 Myriah L. Cornwell*, Duke University, *Citizen science and sea turtle stewardship in North Carolina*.
 10:50 Sjoerd Hardeman*, Utrecht University; Koen Frenken, Urban and Regional research centre Utrecht, Faculty of GeoSciences, Utrecht University, *Proximity and the circulation of scientific knowledge claims*.
 11:10 Jesse Minor*, University of Arizona, *Scientific Research across Socialist Transitions: The Shifting Focus of Physical Science Research in Mongolia*.
 11:30 Mark H Cooper*, University of Wisconsin-Madison, *From Sheep to Satellites: Measuring Greenhouse Gas Emissions for the Market*.

5230. Spatial Analysis and Location Modeling II (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Daoqin Tong, University of Arizona
 CHAIR(S) Daoqin Tong, University of Arizona
 10:10 Daoqin Tong *, University of Arizona; Robert S Done, Department of Geography and Regional Development, University of Arizona, *Optimizing Environmental Justice in Transportation Planning*.
 10:30 Timothy C. Matisziw*, University of Missouri - Columbia; James D Harlan, University of Missouri - Columbia; Kathleen M Trauth, University of Missouri - Columbia, *Prioritizing Habitat Protection and Connectivity Restoration*.
 10:50 Carlos Baez, Undergraduate*, University of California, Santa Barbara; Richard L. Church, Professor, University of California, Santa Barbara, *Optimizing Defense over Space: The Soccer Player Positioning Problem*.
 11:10 Jeffrey Osleeb*, University of Connecticut; Samuel J. Ratick, Clark University; Neeti Neeti, Clark University, *A Multi-objective Model for Siting Medical Facilities Under Uncertainty: The Development of a Lead Poisoning Screening Network for the Dominican Republic*.

5231. Climate and Infectious Disease II (Sponsored by Medical Geography Specialty Group, Climate Specialty Group)

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Heather K Conley, Illinois State University
 CHAIR(S): Heather K Conley, Illinois State University
 10:10 James D Tamerius*, University of Arizona, *The Seasonality of Influenza: Global Incidence and Environmental Variables*.
 10:30 Kabita Ghimire*, Kansas State University, *Influence of climate pattern on malaria disease in Terai region of Nepal*.
 10:50 Jane Messina, M.S.*, UNC Department of Geography; Michael Emch, PhD., UNC Department of Geography; Caryl Feldacker, M.P.H., UNC Department of Health Behavior and Health Education, *Seasonality of Global Cholera Patterns, 1930 to 2005*.
 11:10 Michael Emch*, University of North Carolina at Chapel Hill; Veronica Escamilla, University of North Carolina at Chapel Hill; Caryl Feldacker, University of North Carolina at Chapel Hill, *Local population and regional environmental drivers of cholera in Bangladesh*.
 11:30 Kathleen Baker*, Western Michigan University, *Climate Change and the Demand for True Agricultural Disease Forecasts*.

5232. Sexuality and Space 2: Queer publics (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Natalie Oswin, McGill University; Robert M. Vanderbeck, University of Leeds
 CHAIR(S): Michael P. Brown, University of Washington
 10:10 Ju Hui Judy Han*, University of California - Berkeley, *Assembling Aversion: The Korean/American Christian Right*.
 10:30 Robert M. Vanderbeck*, University of Leeds; Johan Andersson, University of Leeds; Gill Valentine, University of Leeds; Joanna Sadgrove, University of Leeds; Kevin Ward, University of Leeds, *Sexuality, Christianity, and Global Networks: the Anglican Crisis over Homosexuality*.
 10:50 Robert Lidstone*, York University, *Strange States of Protection: Canada, Mexico and the Geographies of GLBT Refugee Claims*.
 11:10 Johan Andersson*, *Vauxhall's post-industrial pleasure gardens: "death wish" and hedonism in 21st century London*.
 11:30 Catherine Jean Nash*, Brock University, *Queering the neighbourhood: Queen Street West, Toronto*.

5233. Animal Geographies

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Matt Loehr
 10:10 Neil Carter, M.S.*, University of Michigan; Daniel Brown, PhD., University of Michigan; Dwayne Etter, PhD., Michigan Department of Natural Resources, *Predicting Black Bear Habitat Suitability in Michigan's Lower Peninsula*.
 10:30 Zachary Eddy, B.A. *, Kansas State University, *The Efficacy of Natural Vegetative Barriers at Controlling Prairie Dog Dispersal in Shortgrass Prairie: Year 1 Results*.
 10:50 David John Lieske, Dr.*, Department of Geography and Environment, *Seabirds-at-Sea: An Evaluation of Alternative Methods for Synoptic Visualization of Species Distribution*.

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11:10 Mary Smulders*, Dept. of Geography, University of Victoria; Trisalyn Nelson, Dept. of Geography, University of Victoria; Scott Nielsen, Dept. of Biological Studies, University of Alberta; Gord Stenhouse, Foothills Model Forest Grizzly Bear Research Group; Dennis Jelinski, Dept. of Geography, University of Victoria; Karen Graham, Foothills Model Forest Grizzly Bear Research Group, *Examining the Spatial-Temporal Patterns of Female Grizzly Bear Home Range Use.*

11:30 Matt Loehr*, Northwest Missouri State University; Gregory Haddock, PhD., Northwest Missouri State University, *Mountain Lions in Southwest Iowa: Mapping Sightings and Historic Range.*

5234. The IGU Initiative for a United Nations International Year of Global Understanding

Room: Skybox 206, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Ronald F. Abler, International Geographical Union

CHAIR(S): Ronald F. Abler, International Geographical Union

Panelists: Ronald F. Abler, International Geographical Union; Benno Werlen, University of Jena; Jennifer Kopf, Friedrich Schiller Universitaet; Giuliano Bellezza, Home of Geography

5235. Industrial Geography (Sponsored by The Industrial Geographer)

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): James O. Wheeler, University of Georgia

CHAIR(S): James O. Wheeler, University of Georgia

10:10 James W. Harrington, PhD.*, University of Washington, *Occupational Attainment in the Age of Individualization.*

10:30 Päivi Oinas, Turku School of Economics, Finland; Edward J Malecki*, Ohio State University, *Paths of Innovation in Space and Time.*

10:50 Breandan O HUallachain*, Arizona State University, *A New Technological Classification of American Metropolitan Areas.*

11:10 Alan D. MacPherson, PhD.*, University at Buffalo, SUNY, *The emergence of a new international competitor in the commercial aircraft sector: the China syndrome.*

Discussant(s): Murray Rice, University of North Texas

5236. Teaching Geography 7: Departmental Development

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jill Walker, University of Wyoming

10:10 Samantha J Peters*, Texas State University-San Marcos, *Alumni Business Card Directory: An Affective Recruiting Tool?.*

10:30 Brian Rizzo*, University of Mary Washington, *First Steps: Building a GISc Program at the University of Mary Washington.*

10:50 Jill R. Walker*, University of Wyoming, *Running a Successful Student Geography Bowl.*

5237. Geographies of Sustainable Lifestyles II: Practices and Behaviours (Sponsored by Environmental Perception and Behavioral Geography Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Frances Fahy, National University of Ireland, Galway; Stewart Barr, University of Exeter

CHAIR(S): Frances Fahy, National University of Ireland, Galway

10:10 Jan Prillwitz*, University of Exeter; Stewart W Barr, University of Exeter, *Leaving Sustainability Behind: Similarities and Differences between Lifestyles and Travel Choices.*

10:30 Sue-Ching Jou*, National Taiwan University, *Cultivating Sustainable Lifestyles at Home: Horticulture, Consumption and "Indoor Nature" in Taipei.*

10:50 Michael Nye*, University of East Anglia, *Visible energy: Interaction between real time displays, lifestyles, ecological values and patterns of domestic electricity consumption.*

11:10 Stewart Barr*, University of Exeter, *"Eco-hypocrisy!" Contested notions of the 'sustainable lifestyle'.*

5238. Ecological Responses to Landscape Variability (Sponsored by Biogeography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): James M. Dyer, Ohio University

CHAIR(S): James M. Dyer, Ohio University

10:10 Robert A Hellstrom*, Bridgewater State College; Aimee Higgins, Bridgewater State College, *The Effects of Land Cover Variability on Evapotranspiration in the Llanganuco Valley, Peru.*

10:30 Christina M. Hupy, PhD*, University of Wisconsin - Eau Claire; Randall J. Schaetzl, PhD, Michigan State University; Frank Krist, USDA Forest Service, *Relationships among tree species frequency and soil wetness as reflected by the natural soil drainage index (DI).*

10:50 James M. Dyer*, Ohio University, *Using a water balance approach to predict vegetation patterns in Great Smoky Mountains National Park.*

11:10 Loredana G. Suci, M.S.*, Ohio University; James M. Dyer, PhD., Ohio University; Matthew B. Dickinson, PhD., USDA Forest Service; Valerie L. Young, PhD., Ohio University; Robert Kremens, PhD., Rochester Institute of Technology, *Landscape Analysis of Prescribed-Fire Behavior in Southeastern Ohio.*

11:30 William Flatley*, Texas A&M University; Charles W. Lafon, Dr., Texas A&M University, *Successional Implications of Fire Suppression along a Topographic Moisture Gradient in Great Smoky Mountains National Park.*

5239. Federal Agency Data and Technologies (Sponsored by Applied Geography Specialty Group, Private/Public Affinity Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Nancy K. Torrieri, U.S. Bureau of the Census

CHAIR(S): Nancy K. Torrieri, U.S. Bureau of the Census

Introducer: Nancy K. Torrieri

Panelists: Nancy K. Torrieri, U.S. Bureau of the Census; Timothy F. Trainor, U.S. Bureau of the Census; John Cromartie, USDA; D. Bryant Cramer, U.S. Geological Survey

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5240. Fluvial Geomorphology II (Sponsored by Geomorphology Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Inci Guneralp, Texas A&M University;

Michael Slattery, Texas Christian University

CHAIR(S): Inci Guneralp, Texas A&M University

10:10 Shane Csiki*, University of Illinois at Urbana-Champaign; Bruce L Rhoads, University of Illinois at Urbana-Champaign, *Bathymetry and sedimentation at four run-of-river dams in Illinois.*

10:30 Peng Gao*, Syracuse University; James Puckett, Syracuse University, *A New Index System for Modeling Watershed Suspended Sediment.*

10:50 Robert T. Pavlowsky*, Missouri State University; Scott A. Lecce, East Carolina University; Gwenda J. Schlomer, Missouri State University; Derek J. Martin, Missouri State University, *Historical channel and floodplain evolution of Dutch Buffalo Creek, North Carolina Piedmont.*

11:10 David L. Higgitt*, National University of Singapore, *Constructing Sediment Budgets for Forested and Urban Streams in Singapore.*

11:30 Joshua C. Galster*, Montclair State University; Kirk Barrett, Passaic River Institute; Huan Feng, Montclair State University; Jared Lopes, Montclair State University; Nicole Bujalski, Montclair State University, *Using atmospherically-deposited radionuclides to identifying the source of excess fine-grained sediments in two New Jersey watersheds.*

5243. Land-cover change in Montane Mainland Southeast Asia Part II: Insights from models for livelihoods and watersheds (Sponsored by Human Dimensions of Global Change Specialty Group)

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jefferson Fox, East-West Center

CHAIR(S): Jefferson Fox, East-West Center

10:10 Jefferson Fox*, East-West Center; John B. Vogler, University of Hawaii; Omer L. Sen, Istanbul Technical University; Alan L. Ziegler L. Zeigler, National University Singapore; Thomas W. Giambelluca, University of Hawaii, *Simulating land-cover change in Montane Mainland Southeast Asia.*

10:30 Dan Scollon*, Shasta College, *Modeling Land Cover Change in Northern Thailand.*

10:50 Tom Evans*, Indiana University; Khamla Phanvilay, University of Hawaii; Jeff Fox, East-West Center; John Vogler, University of Hawaii, *Household and Institutional Dynamics in an Agent Based Model of Land Cover Change in Lomue Village, Laos PDR.*

11:10 Maite Guardiola-Claramonte*, University of Arizona; Peter A Troch, University of Arizona; Alan D Ziegler, University of Hawaii at Manoa; Thomas W Giambelluca, University of Hawaii at Manoa; John B Vogler, East-West Center, Honolulu, Hawaii; Michael A Nullet, University of Hawaii at Manoa, *The Effects of Introducing Rubber on Hydrological Partitioning in a Tropical Catchment.*

Discussant(s): Dan Brown, University of Michigan

5244. Recreating Product and Place II: Exploring the Dialectical Relation between Cultural Industries and Place (Sponsored by Economic Geography Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Deborah Leslie, University of Toronto; Sally Weller, Victoria University

CHAIR(S): Wendy Larnar, University of Bristol

10:10 Nebahat Tokatli*, New School University, *Leading products, lagging places.*

10:30 Norma Rantisi*, Concordia University, *Marketing Montréal Fashion: Exploring the Role of Intermediary Institutions.*

10:50 Dominic J. Power*, University of Uppsala; Johan Jansson*, Uppsala University, *Constructing Scandinavian design - cyclical clusters in global circuits.*

11:10 Daniel Klooster*, University of Redlands; Alejandro Mercado*, UAM-Cuajimalpa, *Cultural economies of Competitive Advantage: Constructing quality in three Mexican furniture networks.*

5245. Latecomer Technological Upgrading and Global Production Networks III (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Yifei Sun, California State University,

Northridge; Peilei Fan, Michigan State University

CHAIR(S): Peilei Fan, Michigan State University

10:10 Yasuyuki Motoyama*, University of California, Irvine, *Limited Globalization of Innovation Network.*

10:25 Yifei Sun*, California State University, Northridge, *How are Global Value Chains helpful for Local Technological Upgrading? Evidences from China's Information Communication Technology Industry.*

10:40 Susan M. Walcott*, University of North Carolina-Greensboro, *The New U-Turn: The Logistics Chain and the North Carolina Furniture Industry.*

10:55 Hyejin Yoon*, Ohio State University, *Technological Change and Global Production Networks of the Animation Industry.*

Discussant(s): George Lin, University of Hong Kong

5246. Tourism Development in China (Sponsored by Recreation, Tourism, and Sport Specialty Group, China Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Rudi Hartmann, University of Colorado

CHAIR(S): Rudi Hartmann, University of Colorado

Introducer: Rudi Hartmann

10:15 Geoffrey Wall*, University of Waterloo, *Understanding Red Tourism.*

10:35 Jack Patrick Hayes, PhD*, Norwich University; Jack Patrick Hayes, PhD, Norwich University, *Four Seasons of Tourism and the Environment in Northern Sichuan: Tourist Markets, Economic Diversification, and Policy Planning.*

10:55 Li Yang*, Western Michigan University, *Ethnic Tourism and Cultural Representation.*

Discussant(s): Alan A. Lew, Northern Arizona University; Rudi Hartmann, University of Colorado

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5247. Spaces of Surveillance: Power and Control in the Information Age

Room: North Hall N108, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Hille Koskela, Dr; Francisco Klauser, Durham University

CHAIR(S): Hille Koskela, Dr

10:10 rob kitchin, National University of Ireland, Maynooth;
 Martin Dodge*, University of Manchester, *Software surveillance of farms, farmers and food.*

10:30 Hille Koskela*, Dr, *The ethics of amateur surveillance.*

10:50 Lizbet Simmons, PhD*, San Francisco State Univ,
Surveillance in School Space and the Disciplinary Power Relations of Race.

Discussant(s): Stephen Graham, Durham Geography

5248. Scale, Equity, and Organizing II: New Pathways to Achieving Social Justice (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Chris Benner, University of California Davis
 CHAIR(S): Rosa Ramirez, UC DAVIS

10:10 Waquar Ahmed*, Mount Holyoke College, *From Militant Particularism to Anti-neoliberalism? - The Anti-Enron Movement in India.*

10:30 Namji Jung, PhD*, Florida State University, *SMEs, equity, and scale questions: can the disproportionate power allocation among large-small firms be balanced?.*

10:50 Chris Van Dyke*, University of South Carolina, *Irony and the Politics of Scale.*

11:10 Luis LM Aguiar, PhD*, University of British Columbia - Okanagan (UBCO), *"Scale and Organizing Janitors".*

5249. Biogeography Specialty Group Undergraduate and Masters Level Student Paper Presentation Competition: Session II (Sponsored by Biogeography Specialty Group)

Room: North Hall N110, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Michelle Goman, Cornell University
 CHAIR(S): Michelle Goman, Cornell University

10:10 Joshua T Clark*, University of Kentucky; Songlin Fei, University of Kentucky; Nicole Kong, University of Kentucky; Lynne K Rieske-Kinney, University of Kentucky; John Obrycki, University of Kentucky, *Mapping Eastern Hemlock and Modeling Hemlock Woolly Adelgid Invasion in Eastern Kentucky.*

10:30 Joshua Wixom*, West Virginia University; Amy Hessel, West Virginia University, *Climatic, Edaphic, and Topographic Influences on the Radial Growth of Eastern Redcedar (Juniperus virginiana), Smoke Hole Canyon, West Virginia.*

10:50 Brentley Wade Moats*, Penn State University, *Mapping Vegetation Change on the Taratan Alluvial Fan: The Effects of Altering Irrigation Techniques in the Bolivian Highlands.*

5250. Environment, Development and Livelihoods in Amazonia (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Christian Abizaid, McGill University; Oliver T. Coomes, McGill University

CHAIR(S): Oliver T. Coomes, McGill University

10:10 Trilby MacDonald*, Michigan State University, *The Only Constant is Change: Migrating Farmers in the Brazilian Amazon.*

10:30 Christian Abizaid*, McGill University; Oliver T. Coomes, McGill University, *Life and livelihoods on Amazonian floodplains : Lessons from recent field studies in Peru.*

10:50 Jacqueline M Vadjunec, PhD*, Oklahoma State University, *Greening Smallholders in Amazonia: The Social, Economic, and Environmental Implications of ProAmbiente.*

11:10 Jane Southworth*, University of Florida; stephen perz, university of florida; matt marsik, university of florida; karla rocha, university of florida; forrest stevens, university of florida; youliang qiu, PhD, University of Florida, *Land Cover Change Patterns and Processes: Linking to Infrastructure Change and Resilience in Social-Ecological Systems: The Case of Southwestern Amazonia.*

5251. Neil Smith's Uneven Development 25 Years Later

Room: North Hall N112, Las Vegas Convention Center (Panel Session)
 ORGANIZER(S): Scott Prudham, University of Toronto; Nik Heynen, University of Georgia

Introducer: Scott Prudham

Introducer: Nik Heynen

Panelists: Julie Guthman, Univ of California Santa Cruz; Vinay K. Gidwani, University of Minnesota; Mazen Labban, University of Miami; John Paul Jones, University of Arizona; Emily Eaton, University of Toronto; Neil Smith, City University of New York; Clyde Woods, University of California, Santa Barbara

5252. Indigenous People in the Third World

Room: North Hall N113, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Ryan O'Neill, York University, Faculty of Environmental Studies

10:10 Kim R Beazley*, University of Cambridge, *Who Directs the Destinies of the Displaced? Interrogating Notions of the Powerless Oustee.*

10:30 Pa Nhia Lee*, University of Wisconsin Oshkosh; Margaret Knox, Dr., Univeristy of Wisconsin Oshkosh, *Fracturing the Hmong Clans: an introspective look at cross-cultural dating.*

10:50 Ryan O'Neill, PhD Candidate*, York University, Faculty of Environmental Studies, *Post-Colonial Appropriations: On the use and abuse of theory in development studies.*

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5253. Hurricanes I: Coastal Vulnerability and Risk Assessment (Sponsored by Climate Specialty Group, Hazards Specialty Group, Coastal and Marine Specialty Group)

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State University;

Harry Williams, University of North Texas

CHAIR(S): Kam-Biu Liu, Louisiana State University

10:10 Augustin Colette*, Risk Management Solutions; vincent daniel, Risk Management Solutions; nadja leith, Risk Management Solutions; enrica bellone, Risk Management Solutions; auguste boissonnade, Risk Management Solutions; david nolan, Rosenstiel School of Marine and Atmospheric Science, University of Miami, *How numerical weather prediction models can inform the decay rate of hurricanes after their landfall*.

10:30 Jill C. Malmstadt*, Florida State University, *Pre-Landfall Intensity as Predictor of Economic Loss from Florida Hurricanes, 1900-2007*.

10:50 Brent Yarnal*, Pennsylvania State University; Tim Frazier, Pennsylvania State University; Nathan J. Wood, U.S. Geological Survey, *Current and Future Hurricane Storm Surge Vulnerability of Sarasota County, Florida*.

11:10 Tim G Frazier*, The Pennsylvania State University; Nathan Wood, Dr., The United States Geological Survey; Brent Yarnal, Dr., The Pennsylvania State University, *A Methodology to Inject Sea Level Rise Enhanced Storm-Surge Modeling into the Long-Range Comprehensive Plans of Coastal Communities*.

11:30 Peter D Howe*, The Pennsylvania State University, *Perceptions of hurricane risk among Florida business owners and managers*.

5254. The Use of Repeat Photography to Document Glacier and Landscape Change (Sponsored by Cryosphere Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Bruce Molnia, U.S. Geological Survey

CHAIR(S): Bruce Molnia, U.S. Geological Survey

Introducer: Bruce Molnia

10:30 Susan Hazlett*, University of Alaska Fairbanks; Bruce F Molnia, USGS, *Forest succession as a record of 20th Century climate change in Glacier Bay, Southeast Alaska using historical photography*.

10:50 Susanne Schmidt*, Department of Geography, South Asia Institute, University of Heidelberg; Marcus Nüsser, Department of Geography, South Asia Institute, University of Heidelberg, *Glacier and landscape changes in the Nanga Parbat Himalayas: a re-photographic survey between the 1930s and now*.

11:10 Bruce F. Molnia, PhD. *, U.S. Geological Survey, *Repeat Photography of Alaskan Glaciers And Landscapes From Ground-Based Photo Stations And Airborne Platforms*.

5255. Media Geography XIII: Landscape, History & the Media (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Giorgio Hadi Curti, San Diego State University; Christina Dando, University of Nebraska-Omaha

CHAIR(S): Eric D. Olmanson, University of Wisconsin-Madison

10:10 Christina E. Dando*, University of Nebraska-Omaha, *Landscape, History & the Media: Straying Across the Field of Possibilities*.

10:30 Steven Hoelscher*, University of Texas, *Dresden, a Camera Accuses*.

10:50 Eric D. Olmanson*, University of Wisconsin-Madison, *The Burma Surgeon and Images of Burma in the Media, 1941-1969*.

11:10 Leah Elizabeth Jones, Second Year PhD Student*, Swansea University, *William Eugene Smith and LIFE Magazine: The Haunting Landscapes of South Wales, 1950'*.

11:30 Brenda A Kayzar*, University of Minnesota, *Imagining a Community as an Outcome of Philanthropic Intervention*.

5256. Tourism, Heritage and (Multi)culturalism (Sponsored by Indigenous Peoples Specialty Group)

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Anna Dvorak

10:10 William Price*, University of Kansas, *The Representation of Maori in the Destination Image of New Zealand: A Geographical Analysis of Tourism Websites*.

10:30 Tometi Koku Gbedema*, UC Davis, *Economic Development in Sub-Saharan Africa: The Role of Heritage Tourism in Local Communities - The Cases of Elmina and Keta in Ghana*.

10:50 Jacqueline Salmond*, University of Kentucky, *Politics and Multiculturalism in Tourism Promotion*.

11:10 Surajit Chakravarty*, School of Policy, Planning and Development, University of Southern California; Clara Irazabal, Prof., Columbia University, *Planning for World Heritage Designation in Agra, India: Golden Goose or White Elephant?*.

Discussant(s): Kathryn Davis, San Jose State University

5257. Identity, Geopolitics, and Urban Studies

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William Milton Bowen, Cleveland State University

10:10 Mathias Le Bossé*, Kutztown University of Pennsylvania, *Scanian Regionalism Today: Beyond or Back to the "Nation"?*.

10:30 Daniel Kitchie*, James Madison University, *Could Lithuania be a valuable U.S. ally? - Comparative statistical and GIS analysis*.

10:50 Murtala Muhammad Badamasi*, Bayero University Kano, Nigeria, *The Geographies of Market Fires in Urban Kano, Nigeria: Unveiling its Potential Risks through Mapping*.

11:10 William Milton Bowen*, Cleveland State University; William M Bowen, Cleveland State University; Ronny Dunn; David Kasdan, *"What is Urban Studies"?: A Belated Answer to Popenoe*.

5258. Participation, social justice and theory 2: open mic

Room: North Hall N119, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Caitlin Cahill, University of Utah; Rachel Pain, University of Durham

CHAIR(S): Mike Kesby

Introducer: Rachel Pain

Discussant(s): Caitlin Cahill, University of Utah; Mike Kesby

Panelists: Ian Cook, University of Exeter; Pamela Wridt, University of Colorado Denver; Sara Kindon, Victoria University of Wellington

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- 5259. New directions in the political ecology of Madagascar**
(Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)
Room: North Hall N120, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Catherine Corson, University of California, Berkeley; Ivan Scales, University of Cambridge
 CHAIR(S): Catherine Corson, University of California, Berkeley
10:10 Jade Sasser*, University of California - Berkeley, *A Political Ecology of Health Approach to HIV/AIDS and Transnational Mining in Madagascar.*
10:30 Laura M Tilghman*, University of Georgia, *The Rights and Wrongs of Bioprospecting near Madagascar's Zahamena Reserve.*
10:50 Elaina Lill*, University of Georgia, *Building Wise fishers: Co-Management and Place-Making on the Fihireña coast of Madagascar.*
11:10 Ivan Scales, Dr*, University of Cambridge, *Drought, degradation and discourse: The political ecology of agriculture in western Madagascar.*
 Discussant(s): Richard Marcus, California State University, Long Beach

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| <p>5302. Urban Geography Specialty Group Business Meeting
 (Sponsored by Urban Geography Specialty Group)
 <i>Room:</i> Grande Ballroom D, Riviera Hotel, 1st Floor</p> <p>5309. Remote Sensing Specialty Group Business Meeting
 (Sponsored by Remote Sensing Specialty Group)
 <i>Room:</i> Royale Pavilion 4, Riviera Hotel, 1st Floor</p> <p>5311. Political Geography Specialty Group Business Meeting
 (Sponsored by Political Geography Specialty Group)
 <i>Room:</i> Royale Pavilion 6, Riviera Hotel, 1st Floor</p> <p>5312. Geographic Perspectives on Women Specialty Group Business Meeting
 (Sponsored by Geographic Perspectives on Women Specialty Group)
 <i>Room:</i> Royale Pavilion 7, Riviera Hotel, 1st Floor</p> <p>5324. Bible Geography Specialty Group Business Meeting
 (Sponsored by Bible Geography Specialty Group)
 <i>Room:</i> Capri 112, Riviera Hotel, 1st Floor</p> <p>5326. Community College Affinity Group Business Meeting
 (Sponsored by Community College Affinity Group)
 <i>Room:</i> Capri 114, Riviera Hotel, 1st Floor</p> <p>5327. Stand-Alone Geographers Affinity Group Business Meeting
 (Sponsored by Stand-Alone Geographers Affinity Group)
 <i>Room:</i> Capri 115, Riviera Hotel, 1st Floor</p> | <p>5337. Environmental Perception and Behavioral Geography Specialty Group Business Meeting
 (Sponsored by Environmental Perception and Behavioral Geography Specialty Group)
 <i>Room:</i> Skybox 209, Riviera Hotel, 2nd Floor</p> <p>5338. Biogeography Specialty Group Business Meeting
 (Sponsored by Biogeography Specialty Group)
 <i>Room:</i> Skybox 210, Riviera Hotel, 2nd Floor</p> <p>5339. Applied Geography Specialty Group Business Meeting
 (Sponsored by Applied Geography Specialty Group)
 <i>Room:</i> Skybox 211, Riviera Hotel, 2nd Floor</p> <p>5354. Cryosphere Specialty Group Business Meeting
 (Sponsored by Cryosphere Specialty Group)
 <i>Room:</i> North Hall N115, Las Vegas Convention Center</p> <p>5358. Ethics, Justice, and Human Rights Specialty Group Business Meeting
 (Sponsored by Ethics, Justice, and Human Rights Specialty Group)
 <i>Room:</i> North Hall N119, Las Vegas Convention Center</p> <p>5359. Developing Areas Specialty Group Business Meeting
 (Sponsored by Developing Areas Specialty Group)
 <i>Room:</i> North Hall N120, Las Vegas Convention Center</p> |
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5403. Historical Geography, Geographic Thought, and Education

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)

ORGANIZER(S): Program Committee

Christi G Townsend, Master of Applied Geography*, Texas State University, San Marcos, Texas, *A Geographic History of the Diversion of the Brazos River at Freeport, Texas*.

Jennifer Snyders*, Minnesota State University, Mankato; Richard O. Kimmel, Minnesota Department of Natural Resources, *Evidence of wild turkeys (Meleagris gallopavo) in Minnesota prior to European settlement*.

Salena Elaine Etzler*, University of Central Oklahoma, *Land Use Changes at Belle Isle, Oklahoma City*.

Karen D. Johnson-Webb, PhD.*, Bowling Green State University, *Social and Political Contexts of the Cultural Landscape of Carthage, Ohio before the Civil War*.

Carrilea Littleford*, University of North Alabama; Greg Gaston, PHD, University of North Alabama, *"Lassiter's Ditch" Preserving the Story*.

Nicole Rietz*, Minnesota State University Mankato; Cynthia Miller, Professor of Geography, Minnesota State University-Mankato, *Historical Landscape Reconstruction of the Georgia Nuclear Aircraft Laboratory Using the Imagine AutoSync Module*.

William E. Doolittle*, University of Texas, *Cartographic Chronology of Aqueduct Construction in Viceregal Mexico*.

Jeffrey McGovern*, University of Arizona, *Fourth Shore: Fascist Italy's Efforts to Build and Promote an Italian Libya*.

Kevin Raleigh*, University of Cincinnati, *Historical Geography of Cincinnati Neighborhoods I: Where is the "German" in Over-the-Rhine?*.

Dale Lightfoot*, Oklahoma State University, *The Foggara of Tunisia: History and Ecology of a Surviving Technology*.

Darrell Lytle*, USMA; Ian Irmischer, *Empirical Assessment of Virtual Learning*.

Kathleen D. Seal, Doctoral Student*, Texas State University, *American Geography Family Tree: Academic Heritage of Geography in American*.

Miriam Fearn*, University of South Alabama; Carol Sawyer, University of South Alabama, *Why Don't Geography Majors Participate in Field Trips?*.

Carol A. Gersmehl*, Hunter College, CUNY, *Spatial Thinking for World History & Geography*.

Randy Alexson, Professor*, University of Wisconsin-Superior, *Using Image Processing to Enhance Teaching and Learning*.

Gong-Yuh Lin*, California State Univ, *Completely Online Weather Laboratory Courses Offered By California State University at Northridge*.

Marieta P. Staneva*, Pennsylvania State University, *Sustainability and Climate Change: Local and Global Perspective*.

Dawn Hawley*, Northern Arizona University, *Gaming in the Classroom: Caesar and Urban Geography*.

Debra Kreitzer*, Western Kentucky University; William P. Blackburn, Western Kentucky University, *The Impacts of Study Abroad on Personal and Professional Development*.

Ranu Basu, York University; Lei Wang*, York University, *Invisible, Mutating and Shifting Spaces of Neoliberal Education Reform in Ontario: Examining Public Elementary Schools in Transition (1993-2005)*.

William A. Porter*, Elizabeth City State University; Stephen R. Hale, University of New Hampshire, *Transforming Earth Science and Geography Education in Northeastern North Carolina Middle and High Schools*.

Kathryn Davis, PhD.*, San Jose State University, *Geographers All: Recovering the Work of American Women Explorers, 1900-1950*.

5404. Native Peoples and the Water Nations I: Hydroscaapes and Identities (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Roxanne T. Ornelas, Miami University

1:00 Bradley L Garrett, M.A.*, Royal Holloway, University of London, *Submerged Tribal Memory: the Case of the Winnemem Wintu*.

1:20 Sydney Lehua Iaukea, PhD.*, University of Hawaii, Manoa, *Condemnation and Projects of "Reclamation:" The Waikiki Reclamation Project of 1921 and the "killing of the waters."*

1:40 Daanish Mustafa*, King's College, London, *Hydro-Hazardscapes of South Asia: Redefining Adaptation and Resilience to Global Climate Change*.

2:00 Leandro Romero*, Student, *Contesting fluid identities: changing land and water use in late 19th century Hawaii*.

2:20 Veronique Bussieres*, Concordia University, *An Integrated Watershed and Marine Protected Area As a Strategy for Preserving Eeyou Cree Identity*.

5406. Feminist Engagements with the Geopolitical II

Room: Royale Pavilion I, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Deborah Dixon

CHAIR(S): Deborah Dixon

Introducer: Deborah Dixon

1:10 Alison Mountz*, Syracuse University, *Bodies, borders, tunnels: feminist topographies of sites between states*.

1:30 Lauren Martin*, University of Kentucky, *Contesting Family Detention: Rights of the Child, Homeland Security and Executive Privilege in U.S. Family Detention Policy*.

1:50 Juanita Sundberg, PhD.*, University of British Columbia, *Feminist geo/political ecology & the politics of (in) security in the United States-Mexico borderlands*.

2:10 Rachel Pain*, University of Durham, *Working with fear/hope: a method for an emotional geopolitics*.

Discussant(s): Deborah Dixon

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5407. GESG Student Paper Competition: Session I (Sponsored by Geography Education Specialty Group)

Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Richard B. Schultz, Elmhurst College; Eric J. Fournier, Samford University
 CHAIR(S): Richard B. Schultz, Elmhurst College
 Introducer: Richard B. Schultz
1:02 Melody W Crenshaw*, Texas State University - San Marcos, *Teaching Geography through National Parks: A Structured Web-based Tool for the Classroom.*
1:22 Audrey Mohan*, Texas State University, *Moving from qualified to effective: Measuring teacher self-efficacy in geography.*
1:42 Brian D. Earle*, Texas State University at San Marcos; Andrew Milson, PhD., University of North Texas, *Elementary Teacher Candidates' Conceptions of Geography.*
2:02 Minsung Kim*, Texas A&M University, *Development of students' understandings of spatial concepts in the Korean context.*
 Discussant(s): Eric J. Fournier, Samford University

5408. The 'Market' Reconsidered I (Sponsored by Economic Geography Specialty Group)

Room: *Royale Pavilion 3, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Andrew Jones, Birkbeck, University of London; Christian Berndt, Universitaet Frankfurt
 CHAIR(S): Andrew Jones, Birkbeck, University of London
1:00 Andrew Jones*, Birkbeck, University of London, *Reconceptualising the Space of Markets: financial services, performativity and the 'credit crunch'.*
1:20 Karen P.Y. Lai, PhD*, University of British Columbia, *Approaches to 'Markets': State Institutions and the Regulation of New Financial Markets in China.*
1:40 Marc Boeckler, Universitaet Eichstaett; Christian Berndt*, Universitaet Frankfurt, *The performativity of market b/orders.*
2:00 Thomas A. Hutton, DR*, University of British Columbia, *Playing the market: video game production and design in Vancouver.*
2:20 Pablo Mendez*, University of British Columbia, *Do economists make informal markets? The case of basement apartments in Vancouver.*

5409. Commodified Namescapes (Sponsored by Study of the American South SG, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Derek H. Alderman, East Carolina University; Jani Vuolteenaho, University of Helsinki
 CHAIR(S): Derek H. Alderman, East Carolina University
 Panelists: Derek H. Alderman, East Carolina University; Lawrence D. Berg, University of British Columbia; RDK Herman, National Museum of the American Indian; Pauliina Raento, University of Helsinki & The Finnish Foundation for Gaming Research; Reuben S. Rose-Redwood, Texas A&M University; Jani Vuolteenaho, University of Helsinki

5410. Representing the Ontology of Geographic Phenomena I: Foundations (Sponsored by Cyberinfrastructure Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): David M. Mark, University at Buffalo; Boyan Brodaric
 CHAIR(S): David M. Mark, University at Buffalo
1:00 Helen Couclelis*, University of California, Santa Barbara, *Ontologies of Geographic Design.*
1:20 Martin M Raubal*, University of California, Santa Barbara, *Cognitive Ontology Engineering.*
1:40 Thomas Bittner*, SUNY - Buffalo, *Theoretical geography and ontology.*
2:00 Boyan Brodaric*, Geological Survey of Canada, *Defining Geographical Categories using Formal Ontology.*
2:20 Mingzhen Wei*, USGS, *Extracting a semantic model from a geospatial database.*

5411. Recent and Future Biogeographical Change

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): David Goldblum, Northern Illinois University
1:00 Christopher Kaase, Masters of Science Candidate*, Appalachian State University; Gabrielle L Katz, PhD., Appalachian State University, *Effects of stream restoration on riparian ecosystems: A study of restored, degraded, and reference sites in northwestern North Carolina.*
1:20 Lesley S. Rigg*, Northern Illinois University; David Goldblum, Northern Illinois University, *The impact of an experimental climate change simulation: Photosynthetic activity of sugar maples, Ontario, Canada.*
1:40 Vineet Yadav*, The University of Michigan; Anna M Michalak, The University of Michigan; Kim Mueller, The University of Michigan, *A geostatistical synthesis study of linear and non linear factors affecting net ecosystem exchange in different ecosystems of North America.*
2:00 Conghe Song, Dr.*, UNC Chapel Hill, *Impacts of Canopy Structure on Energy, Water and Carbon Fluxes in a Loblolly Pine Stand: Uniform vs. Gappy Canopies.*
2:20 David Goldblum*, Northern Illinois University; Lesley S. Rigg, Northern Illinois University, *Impacts of an experimental climate change simulation: respiration of root and soil organisms, Ontario, Canada.*

5412. Geopolitics and Insecurity I: Generating (In)security

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Panel Session)
 ORGANIZER(S): Elizabeth Johnson, University of Minnesota - Minneapolis
 CHAIR(S): Elizabeth Johnson, University of Minnesota - Minneapolis
 Panelists: Deborah Cowen, University of Toronto; Simon Dalby, Carleton University; Garnet Kindervater, University of Minnesota; John Morrissey, City University of New York; Neil Smith, City University of New York; Anna Stanley, National University of Ireland, Galway

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5413. Author-meets-critics: Vinay Gidwani's "Capital, Interrupted"

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Panel Session)
ORGANIZER(S): Bruce Braun, The Graduate Center, The City University of New York
CHAIR(S): Bruce Braun, The Graduate Center, The City University of New York
Panelists: Bruce Braun, The Graduate Center, The City University of New York; Susan Ruddick, University of Toronto; Geoff Mann, Simon Fraser University; Anna J Secor, University of Kentucky; Sharad Chari, London School of Economics & University of KwaZulu-Natal; Vinay K. Gidwani, University of Minnesota

5414. Human Rights and Geographic Research

Room: *Capri 101, Riviera Hotel, 1st Floor* (Paper Session)
CHAIR(S): Douglas Richardson, Association of American Geographers
1:00 Douglas Richardson*, Association of American Geographers, *Geography, Science and Human Rights*.
1:15 Alberto Giordano*, Texas State University, *A Spatial-Analytical Perspective of the Holocaust in Italy*.
1:30 Vidyamali Samarasinghe, professor*, American University, *Caught in the middle, women, prostitution and cross-border antitrafficking policy initiatives*.
1:45 Benson Funk Wilder*, Humanitarian Information Unit, *The Making of Humanitarian Space in Eastern DR Congo*.
2:00 Susan Wolfenbarger*, American Association for the Advancement of Science, *Geovisualization of Human Rights*.
2:15 Lars Bromley*, American Association for the Advancement of Science, *Engaging Human Rights Organizations*.

5417. Themes in Cultural Geography

Room: *Capri 104, Riviera Hotel, 1st Floor* (Interactive Short Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Lindsay Skog, Portland State University
1:00 Marco Medellin, Undergraduate Student*, United States Military Academy, *Representations of the US-Mexico Border in the Media*.
1:05 Brandon Rowley*, University of Idaho, *Revisiting Topophilia: Exploring the Historical Use of the Word-Concept*.
1:10 Ramin David Zamanian*, Oklahoma State University, *Analyzing European Representations of Brazil's Santo Daime Religion*.
1:15 Yihua Liu*, Guangzhou University, *Cultural Integration and Coordination between Urban and Rural in the Rapid Urbanization Region in CHINA*.
1:20 Isabel Maria Madaleno, Dr.*, Portuguese Tropical Research Institute, *How Do Remote Southern Hemisphere Residents Perceive the World?*.
1:25 Jeffery Vincent*, United States Military Academy, *Cajun Country: More Than Just A Home? It's A Way of Life*.
1:30 Jerry Platt*, University of Redlands; Marjo H Mitsutomi, University of Redlands, *Cultural Explanations of Global Differences in the Ease of Doing Business*.
1:35 Allan Joseph Medwick*, University of Pennsylvania, *The Geography of Postsecondary Chinese Language Study in the United States*.
1:40 Gabriela Ilies*, Babes-Bolyai University, Cluj-Napoca, Romania; Marin Ilies, Babes-Bolyai University Cluj-Napoca, Romania, *Building the concept of Romanian traditional village in order to create an integrated specificity assessment tool for tourism activities*.

1:45 Kim Foerster*, ETH Zurich, *Low Rise-High Density - public housing experiments in New York City in the 1970s*.

1:50 Stephen R. Cameron*, Western Michigan University, *A decade of change in an Amazonian extractive reserve: Changes in land cover and resource use in the Middle Jurua Extractive Reserve*.

1:55 Lindsay Skog*, Portland State University, *Sacred Landscapes: Proposed methodology for mapping beyul*.

5418. Landscape: Heuristic tool, Cultural Artifact, Ecological Concept, or Political Entity? (Sponsored by Cultural Geography Specialty Group)

Room: *Capri 105, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Michelle Marie Metro-Roland, Indiana University; Shanon Donnelly, University of Akron
CHAIR(S): Michelle Marie Metro-Roland, Indiana University
1:00 Shauna McCabe, Canada Research Chair*, Mount Allison University, *Intangible evidence: The artistic performance of place and memory in Rebecca Belmore's March 5, 1819*.
1:20 Crista M Livecchi*, Penn State University, *Seeing things as they are and as they might become: reimagined landscapes and geographical staging*.
1:40 Jillian M. Rickly-Boyd*, Indiana University; Michelle Metro-Roland, PhD, Indiana University, *Background to the Fore: the Prominence of the Prosaic in Tourists' Experience of Place*.
2:00 John Patrick Harty, PhD*, University of Wyoming, *Ghost Schools: Remembering the Loss of a Community Landmark*.
2:20 Marissa Tamar Isaak*, University of Oregon, *Afghan-Iraqi Freedom Memorial: A Landscape of New Militarism*.

5419. Combining Modern Methods and Local Knowledge for Drought Management (Sponsored by Africa Specialty Group)

Room: *Capri 106, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Abigail Amissah-Arthur, Slippery Rock University
CHAIR(S): Abigail Amissah-Arthur, Slippery Rock University
1:00 Abigail Amissah-Arthur*, Cardinal Stritch University, *Workable Strategies for Drought Management: Using the US Roadmap as a Way forward for Africa*.
1:20 Tadesse Kidane-Mariam, PhD, A/Professor*, Edinboro University of Pennsylvania, *Ethiopia: The Political Ecology of Food Insecurity/Famine*.
1:40 Audra Elisabeth El Vilaly*, University of Arizona, *The impacts of climate change on agricultural and livestock production in West Africa*.
2:00 Shrikant Jagtap*, *Global Climate Technology for Development, A Pro-Active Drought Management System*.
2:20 Henry N. N. Bulley*, Clark University; Katherine Nashleanas, University of Nebraska, *Mitigating the Impacts of Climate Change on Water Related Conflicts through Collaboration: The Human Dimension of Long-Term Sustainability in Sub-Saharan Africa*.

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Room: Capri 107, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ben Kohl

1:00 Brian J Pompeii*, Arizona State University, *An Emerging Neoliberal Waterscape in Phoenix, AZ.*

1:20 Marc Auerbach, M.A.*, Department of Geography, The Ohio State University, *Primitive Accumulation and the Limits of Neoliberalism in Mexico.*

1:40 Bernd Belina*, Goethe University, Frankfurt, *Policing space - in what sense a neoliberal strategy?.*

2:00 Jules Boykoff*, Pacific University, *Leafblower Logic: Neoliberalism, the Olympics, and Dissent.*

2:20 Ben Kohl*, Temple University, *The Persistence of Neoliberalism in Bolivia under Evo Morales: Limited responses to mandates for change.*

5422. Simulating Human Behavior for Planning

Room: Capri 109, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jay Lee, Kent State University

1:00 Haojie Zhu*, Arizona State University; Paul Torrens, Arizona State University; Scott Brown, Arizona State University; Xun Li, Arizona State University; Atsushi Nara, Arizona State University, *A real-time 3D crowd simulation framework for enclosed shopping area.*

1:20 Jerry Mount*, The University of Iowa; David Bennett, The University of Iowa, *Context-driven pedestrian routing.*

1:40 Jinmu Choi*, Mississippi State University; Jiyeong Lee, University of Seoul, *Agent-based Building Structure Evaluation for Evacuation.*

2:00 Lin Liu, Professor and Dept Head*, University of Cincinnati; John Eck, Professor, University of Cincinnati; Karl Siemsen, University of Cincinnati; Ninghua Wang, University of Cincinnati, *SPACES-II: An Agent-based Crime Simulation System.*

2:20 Jay Lee*, Kent State University, *A GIS-Based Simulator for Crime As Induced by Urban Growth.*

5424. Exploring Cultural and Physical Aspects of the Holy Land with Bible Data and a New Spatially Interactive Literature Analysis System (Sponsored by Bible Geography Specialty Group)

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): William A. Dando, Indiana State University

CHAIR(S): William A. Dando, Indiana State University

1:00 William A. Dando*, Indiana State University, *Bitter, Sweet, and Living Water in Ancient Israel: Treasured, Conserved, and Squandered in Human Acts or by Omissions.*

1:20 Dorothy W. Drummond, Retired*, Indiana State University, *Ezekiel's Tyre: On the Cusp of Expansion.*

1:40 Stephen Benzek*, University of Redlands, *The Spatially Interactive Literature Analysis System (SILAS): An Interactive Tool to Study the Narrative Landscape of Ancient Texts.*

2:00 Alyssa King*, University of Redlands, *Phase 2 of the Spatially Interactive Literature Analysis System.*

2:20 Lillian I. Larsen, PhD*, University of Redlands, *Implementing SILAS: Exploring the Future of Using GIS to Study the Past.*

5425. Medical Geography and Spatial Analysis 1

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steven Reader, University of South Florida

1:00 LIANG MAO*, SUNY - Buffalo; Ling Bian, SUNY-Buffalo, *Vaccination Strategies in a Scale-free Social Network with Individual Mobility.*

1:20 Wei Luo*, Geography Department University at Buffalo; Liang Mao, Geography Department University at Buffalo, *A two-layer scale-free network for the spread of infectious diseases.*

1:40 Samuel S. Copeland*, SUNY Buffalo; Ling Bian, PhD., SUNY Buffalo, *Individual Based Disease Modelling: an Environmental Focus.*

2:00 Steven Reader, PhD*, University of South Florida; Elizabeth B Pathak, PhD, University of South Florida; Jean Paul Tanner, MPH, University of South Florida; Michele L Casper, PhD, Centers for Disease Control and Prevention, *Small Area Geographic Variation in Premature Out-of-Hospital Cardiac Deaths.*

5426. Seeking Democratic Alternatives to the Neoliberal State: Geographies of Grassroots Democracy and Community Resistance to Neoliberalism. III (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Joshua F. Inwood, Auburn University; Leela Viswanathan, Queen's University

CHAIR(S): Joshua F. Inwood, Auburn University

1:00 Catherine Phillips*, Bishop's University, *Challenging Neoliberalism with Alternative Seed Communities.*

1:20 Parama Roy, PhD*, Georgia State University, *Walnut Way Community Gardens: Spaces of Resistance to Neoliberal Socio-environmental Injustices.*

1:40 Anil Bhattarai*, University of Toronto, *Radical Politics and Neoliberal Development: Political context of neoliberalism in Nepal.*

2:00 Parastou Saberi, PhD Candidate*, York University Faculty of Environmental Studies, *On the Production of 'Festival Space' in Toronto: Neoliberal Creativity and the Eviction of the Right to the City.*

Discussant(s): Peter Hossler, University of Georgia

5427. Object-oriented Analysis of Remotely Sensed Data (Sponsored by Remote Sensing Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Soe Win Myint, Arizona State University

CHAIR(S): Soe Win Myint, Arizona State University

1:00 Mary Pyott Freeman*, San Diego State University, *An object-based remote sensing analysis of tree mortality for mixed-conifer forests in San Diego County.*

1:20 Douglas A. Stow, PhD*, San Diego State University; Chung-Rui Lee*, San Diego State University, *Multiple-pixel Classification Strategies in Support of Object-based Image Analyses.*

1:40 Christopher David Lippitt*, San Diego State University/University of California Santa Barbara; Mary Freeman, San Diego State University; Wyson Pang, San Diego State University, *The Effect of Input Data Transformations on Object Based Image Classification.*

2:00 Yuki Hamada*, Department of Geography, San Diego State University; Douglas A. Stow, Dr., Department of Geography, San Diego State University, *Estimating cover fractions within coastal sage scrub (CSS) communities using object-based image analysis.*

2:20 Soe Win Myint*, Arizona State University, *Identification of Urban Land Covers Using An Object-oriented Approach.*

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5429. Economic Geography 1

Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Tim Leslie, George Mason University

1:00 Rose A Iksic*, Slippery Rock University, *Main Street, Slippery Rock: A College Town Anomaly*.

1:20 Mike Pogodzinski, PhD*, San Jose State University; Richard M Kos, San Jose State University, *How County Unemployment, Labor Force Participation, and Industry Location Affect Enrollment at Public Community Colleges in California with a Special Emphasis on Biotechnology*.

1:40 Nola Hewitt-Dundas*, Queen's University Belfast, *The role of distance in university-business collaboration*.

2:00 Tim Leslie*, George Mason University; Virginia Shafer, George Mason University, *The Geography of Patent Assignment in the United States 1976-2005*.

5430. Geographies of Education I: Barriers to Academic Achievement (Sponsored by Population Specialty Group, Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)

Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Suzanna Klaf, The Ohio State University; Valerie Ledwith, National University of Ireland, Galway

CHAIR(S): Christopher Riley, Ohio State University - Geography

1:00 Valerie Ledwith*, National University of Ireland, Galway, *Neighbourhood Effects on Early School Leaving in Ireland*.

1:20 Kirsten Purcell*, University of Cambridge, *Discourses surrounding Academy schools: Breaking the cycle of under-performance in disadvantaged areas?*.

1:40 Brooke Sykes*, University of Amsterdam; Sako Musterd, University of Amsterdam, *Examining the links between youths' classroom and neighbourhood contexts in the Netherlands*.

2:00 Tricia Ruiz*, University of Washington, *Separate and unequal? A geodemographic analysis of racial inequality and educational opportunity in the U.S.*

2:20 Gunwha Oh*, SUNY - Buffalo, *The Dimensions of Social Exclusion: How are children's after-school activity opportunities limited by the transportation system?*.

5431. Interdisciplinary Lenses on Environmental Justice - I (Sponsored by Medical Geography Specialty Group)

Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Leith Deacon, University of Western Ontario; Odwa Atari, University of Western Ontario

CHAIR(S): Kate J. Darby, Arizona State University

1:00 D. Odwa Atari, PhD Candidate*, University of Western Ontario; Isaac Luginaah, PhD, University of Western Ontario, *Determinants of health in Sarnia, "Chemical Valley", Ontario*.

1:20 Christopher Boone*, Arizona State University; Seline Szkupinski-Quiroga, Arizona State University; Jennifer Sandlin, Arizona State University, *The environmental justice of food: children, schools, and food deserts in South Phoenix*.

1:40 Bethany B Cutts*, Arizona State University, *Chutes or Ladders? Examining the roles of geography and ideology in mediating the relationship between information providers and the public's environmental awareness*.

2:00 Leith Deacon*, University of Western Ontario; Jamie Baxter, University of Western Ontario, *Trash Talking: an analysis of a community's discourses and perceptions*.

5432. Sexuality and Space 3: Domesticities (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Natalie Oswin, McGill University; Robert M. Vanderbeck, University of Leeds

CHAIR(S): Robert M. Vanderbeck, University of Leeds

1:00 Doreen M. Fumia, Assistant Professor*, Ryerson University, *Gayted Communities and Sexual Citizenship: Cultural Space in Toronto's Cabbagetown*.

1:20 Karina Luzia, PhD Candidate*, Macquarie University, Australia, *Out With the Family: the Paradoxical Places of Same Sex Parenting*.

1:40 Andrew Gorman-Murray, PhD*, University of Wollongong, *'This is discowonderland!' Gender, sexuality, and the limits of gay domesticity*.

2:00 Rosie Cox*, Birkbeck, University of London, *Making Home: Masculinity and Home Maintenance in Aotearoa New Zealand*.

2:20 Natalie Oswin*, McGill University, *Governing intimacy in Singapore: Making the modern model family at home*.

5433. Animal Geographies: Perspectives on Wildlife Conservation (Sponsored by Graduate Student Affinity Group)

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Sharon E. Wilcox, University of Texas Austin; Analia Villagra, CUNY Graduate Center

CHAIR(S): Sharon E. Wilcox, University of Texas Austin

1:00 Sharon Wilcox*, University of Texas Austin, *Grizzly Representations: Animality, Anthropomorphism and Conservation*.

1:20 Analia Villagra*, CUNY Graduate Center, *Can't see the forest for the?tamarins?: rebuilding the Brazilian Atlantic Forest around the Golden Lion Tamarin*.

1:40 Diana Stuart*, University of California Santa Cruz, *Farming with Wildlife: Changing Discourses and New Barriers to Conservation*.

2:00 Suzi Wiseman*, Texas State University - San Marcos, *The Role of Sound in the Captive Environment of Rhinoceri*.

2:20 Stella Capoccia, PhD. Candidate*, Rutgers University, *Conservation perspectives: International wildlife priorities, individual animals, and wildlife management strategies in Kenya*.

5434. Cities, Regions, States 1

Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): John Harrison, Loughborough University

CHAIR(S): John Harrison, Loughborough University

Introducer: John Harrison

1:20 Filippo Celata*, University of Roma "La Sapienza"; Ugo Rossi, University of Cagliari, *City-regionalism as a constellation and re-positioning of discourses, practices and actors: insights from post-territorialist Italy*.

1:40 Stijn Oosterlynck*, KU Leuven, *The disarticulated development of the Brussels city-region: scale, regulation and urban regime politics*.

2:00 Donald McNeill*, Urban Research Centre, University of Western Sydney, *The airport and the city-region*.

2:20 Tsung-Yi Michelle Huang, Dr.*, Dept. of Geography, National Taiwan University, *Recognizing the Other in the Global City-Region: Cinematic Representations of People Flow in Hong Kong and Pearl River Delta*.

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Room: Skybox 207, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): David H. Kaplan, Kent State University
 CHAIR(S): David H. Kaplan, Kent State University
 Introducer: David H. Kaplan
 Discussant(s): James P. Allen, California State University - Northridge; Ron Johnston, University of Bristol
 Panelists: Frederick Boal, Queen's University Belfast

5436. Research in Geographic Education I (Sponsored by Geography Education Specialty Group)

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Gillian Acheson, Southern Illinois University-Edwardsville
 CHAIR(S): Sandra Metoyer, Texas A&M University
1:00 Gillian Acheson*, Southern Illinois University-Edwardsville, *An Investigation of Undergraduate Students' Map Skills*.
1:20 Ekaterini Ioannis Klonari*, Aegean University of Greece; Ekaterini Panagiotis Apostolopoulou, University of the Aegean, Department of Geography; Nikolaos Soulakellis, University of the Aegean, Department of Geography, *Children's Abilities to Use 3D maps*.
1:40 Bob Bednarz*, Texas A&M University; Sarah Witham Bednarz, Texas A&M University, *Effect of Long-term Explicit Instruction in Spatial Thinking*.
2:00 Jennifer J. Johnson, PhD*, Ferris State University, *Assessing Tornado Readiness at Ferris State University: A Student Based Approach*.
2:20 Sandra Metoyer*, Texas A&M University; Injeong Jo*, Texas A&M University, *Instruction in Spatial Thought: Effects of Explicit Strategies on Spatial Thinking Skills*.

5437. Critical Geographies of Tourism: Exploring the Social, Cultural, and Political Implications of Heritage Tourism (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): D. James McLean; Susan Dupej, York University
 CHAIR(S): Susan Dupej, York University
1:00 Alessandro Moscuzza*, Birkbeck College, University of London, *Syracuse: cultural site of global significance or peripheral European city? A study of the impact of World Heritage Site status*.
1:20 Lachlan Barber*, University of British Columbia, *Making Space for Heritage in Hong Kong: The Star Ferry Pier as a Contested Site of Memory*.
1:40 Gyan P Nyaupane*, Arizona State University; Dallen Timothy, Arizona State University, *One Heritage Two Religions: Souvenir Vendors in Lumbini, Nepal*.
2:00 Eric C. Ewert, PhD, Assistant Professor*, Weber State University, *Tourism Redevelopment Strategies: Are Western Theme Towns the Answer?*.

5438. Riparian Ecosystem Dynamics (Sponsored by Biogeography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): John Kupfer, University of South Carolina
 CHAIR(S): John Kupfer, University of South Carolina
1:00 John F. O'Leary*, Department of Geography, San Diego State University; William R. Bredemeyer, Department of Geography, San Diego State University; Susan Whitford, Department of Geography, San Diego State University, *Postfire Recovery of Sycamore Riparian Woodland in San Diego County, California*.
1:20 Gabrielle L. Katz*, Appalachian State University; Juliet C. Stromberg, Arizona State University, *Constraints on riparian response to hydrologic restoration, San Pedro River, Arizona*.
1:40 Scott Markwith*, Florida Atlantic University; David Leigh, University of Georgia, *Experimental Analysis of Subaqueous Hydrochory*.
2:00 Trevor A. Jones, Dr.*, Ontario Forest Research Institute; Lori D. Daniels, Dr., University of British Columbia; Sonya R. Powell, University of British Columbia, *Abundance and function of large woody debris in small, headwater streams in the foothills of the Rocky Mountains, Alberta, Canada*.
2:20 John Kupfer*, University of South Carolina; Scott Franklin, Univ. of Northern Colorado, *Local Contingencies and Hydrogeomorphic Responses to Channel Modifications in West Tennessee Floodplain Ecosystems*.

5439. Papers in Applied Geography (Sponsored by Applied Geography Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Sonya Glavac, Arizona State University
 CHAIR(S): Sonya Glavac, Arizona State University
 Introducer: Sonya Glavac
1:05 Kelsey Herrington*, Clark University, *Suburbanization, Zoning and Lawn Characteristics: Preliminary Insights from the Ipswich River Watershed*.
 Discussant(s): James Skinner

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5440. Fluvial Geomorphology III (Sponsored by Geomorphology Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Inci Guneralp, Texas A&M University;

Michael Slattery, Texas Christian University

CHAIR(S): Robert T. Pavlowsky, Missouri State University

1:00 Lisa Davis, Assistant Professor*, University of Alabama, *Characteristics of Transport Limited Reaches: Implications for Geomorphic Adjustment.*

1:20 Frank Magilligan*, Dartmouth College; G. Burch Fisher, UC-Santa Barbara; Keith H. Nislow, USDA-Forest Service, *The geomorphic function and characteristics of large woody debris in low gradient rivers, coastal Maine, USA.*

1:40 Dan Royall*, UNC-Greensboro; Joseph Owusu-Adjei, UNC-Greensboro; Anita Henderson, Guilford County Information Services, *Contrasting Characteristics of Woody Debris in Urban and Rural Streams: An Example from the North Carolina Piedmont.*

2:00 Alexis McGraw, Graduate Student*, University of Alabama, *An EcoGeomorphological Analysis of the Spatial Distribution and Diversity of Freshwater Mussels in an Alluvial River.*

2:20 Barbara Burkholder*, GeoEngineers; Gordon E Grant, USDA Forest Service; Roy Haggerty, Oregon State University; Tarang Khangaonkar, Pacific Northwest National Laboratory; Peter J Wampler, Grand Valley State University, *Effects of Hyporheic Flow and Geomorphology on Temperature in a Large, Gravel-bed River, Clackamas River, Oregon.*

5443. Advancing methodology in youth geographies I

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Nancy Worth, University of Leeds; Catherine Alexander, Durham University

CHAIR(S): MATTHEW HIGGS

1:00 Patsy Eubanks Owens, MLA, ASLA*, University of California, Davis; Penny Travlou, PhD*, Edinburgh College of Art/University of Edinburgh, *Mapping Teen Places: A process of evolution.*

1:20 Nancy Worth*, University of Leeds, *Making use of audio diaries in research with young people.*

1:40 Thomas Herman*, San Diego State University; Stuart Aitken, San Diego State University; Christopher M. Moreno, San Diego State University, *Methodological Issues in Studying Independent Child Migrants in Developing World Contexts.*

2:00 Gregory Donovan*, The City University of New York, Graduate Center, *Environmental (Un)consciousness: Understanding and Engaging Young People's Informational Geographies.*

Discussant(s): Peter E Hopkins, Newcastle University, UK

5444. Power, Social Justice and the Creative City: Part 1 (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): John Paul C. Catungal, University of Toronto; Deborah Leslie, University of Toronto

CHAIR(S): Deborah Leslie, University of Toronto

1:00 Pedro Costa*, Dinâmia / ISCTE, *Whose Creative City? Governance of Three Cultural Districts in Lisbon, Barcelona and S. Paulo.*

1:20 John Paul C. Catungal*, University of Toronto; Debby Leslie, University of Toronto, *Queering the Creative City.*

1:40 Chris Gibson*, University of Wollongong, *Can creative city planning be socially just? Experiences from a government-research partnership in Australia's (post) colonial north.*

2:00 Melanie Bedore, PhD. candidate*, Queen's University, *Retail Food Access in the 'Wanna-Be' Creative City: Uneven Access to Uneven Essential Services Amidst the Re-branding of Kingston, Ontario.*

2:20 Nancy Ettlinger*, Department of Geography, Ohio State University, *Problematizing the social construction of the culture/creativity discourse.*

5445. Latecomer Technological Upgrading and Global Production Networks IV (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Yifei Sun, California State University,

Northridge; Peilei Fan, Michigan State University

CHAIR(S): Yifei Sun, California State University, Northridge

1:00 Fangzhu Zhang, Dr.*, Cardiff University; Philip Cooke, Prof., Cardiff University; Fulong Wu, Prof., Cardiff University, *China's innovation and governance: unpacking the discourse of 'indigenous innovation'.*

1:20 Roger C.K. Chan*, The University of Hong Kong, *Global Credit Crisis and Industrial Restructuring in south China.*

1:40 Moriki Ohara*, Institute for Developing Economies, JETRO, *Different Responses to GPN by Local Production Networks in Technological Innovation: The Case of Motorcycle Manufactures in China, Taiwan, and India.*

2:00 Meenu Tewari*, University of North Carolina, *Reconstituting North Carolina's traditional sectors - evidence from furniture and textiles.*

Discussant(s): Jun Zhang, National University of Singapore

5446. Urban restructuring in China: New spaces of the city, community and home (Sponsored by China Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Alana Boland, University of Toronto; Yu Zhou, Vassar College

CHAIR(S): Zhilin Liu, Tsinghua University

1:00 Jie Shen*, Cardiff University, *Themed residential development in China: a case study of Xintiandi in Shanghai.*

1:20 Yuling Song, PhD, Assistant Professor*, National Changhua University of Education, *The spatiality of 'the second house': A study of Shanghai.*

1:40 Binqing Zhai*, The University of Hong Kong, *Urban Regeneration and Social Capital in China's Historical District --- a case study of Sanxuejie district, Xi'an city, P.R. China.*

2:00 Yanwei Chai*, Peking University, *Changing social space in transitional urban China from the danwei perspective: Case studies on internal spatial and residential hybridization.*

2:20 Zhilin Liu*, Tsinghua University, *Home-Work Separation, Job Accessibility, and the Impacts of Housing Policy and Urban Sprawl: Evidence from Household Survey Data in Beijing, China.*

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5447. Coastal and Marine Environments I (Sponsored by Coastal and Marine Specialty Group)

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Steven Namikas, Louisiana State University;

Jean Taylor Ellis, University of South Carolina

CHAIR(S): Diane P. Horn, Birkbeck College, University of London

1:00 Phillip Schmutz*, Louisiana State University; Patrick Hesp, Louisiana State University; Katherine Renken, Louisiana State University; Ryan Orgera, Louisiana State University; Luke Driskell, Louisiana State University, *The Effect of Human Trampling on Coastal Dune Vegetation*.

1:20 John C. Rodgers*, Mississippi State University; Adam W. Murrah, Applied Geo Technologies, Stennis Space Center, MS; William H. Cooke, Department of Geosciences, Mississippi State University, *Coastal Vegetation Change In Weeks Bay, Alabama From Hurricane Katrina and Other Environmental Variables*.

1:40 Kyle A Muirhead*, University of Victoria; Christopher D Malcolm, Brandon University; David A Duffus, University of Victoria, *Seasonal Variation in At-Sea Habitat Use of Marbled Murrelets in Clayoquot Sound, British Columbia, Canada*.

2:00 Chunhua Zhang, PhD*, East Tennessee State University; F. Flores de Santiago, PhD., Facultad de Ciencias Marinas, Universidad Autónoma de Baja California; Xixi Lu, PhD., Department of Geography, National University of Singapore; John M. Kovacs, PhD., Department of geography, Nipissing University, *Phased array L-band synthetic aperture radar use in tropical coastal wetland monitoring*.

2:20 Raechel A. Bianchetti*, University of Idaho; Karen S. Humes, University of Idaho, *Comparing imagery analysis techniques for coastal erosion monitoring along Sand Point, Michigan*.

5448. Remote sensing and GIS applications in introductory courses (Sponsored by Community College Affinity Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Diana Casey, Muskegon Community College

CHAIR(S): Diana Casey, Muskegon Community College

1:00 Angie Milakovic*, Bismarck State College; David Webb, Virginia Western Community College, *Geography in Action! From North Dakota to Virginia: an Integrated Geospatial Education and Technology Training (iGETT) Collaboration*.

1:20 Diana Casey*, Muskegon Community College, *Environmental Management and Assessment: Quantifying land cover change with remote sensing and GIS*.

1:40 Jacquelin J Stenehem*, Williston State College, *Analysis of Potential Flood Elevations and Economic Losses in the Event of a Catastrophic Dam Failure, Using GIS and ENVI, with an Introduction to HAZUS-MH*.

2:00 Vicki Drake*, Santa Monica College, *iGETT and Me*.

5449. Biogeography Specialty Group PhD. Student Paper Presentation Competition (Sponsored by Biogeography Specialty Group)

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Michelle Goman, Cornell University

CHAIR(S): Michelle Goman, Cornell University

1:00 Crystal Kolden*, Clark University; John T. Abatzoglou, San Jose State University, *A landscape perspective on historic range of variability of wildfire in Alaska*.

1:20 Evan R Larson*, University of Minnesota; Kurt F Kipmfueller, PhD., University of Minnesota, *The relative roles of climate and fire suppression in driving whitebark pine forest structure*.

1:40 Trevor J. Porter*, Carleton University; Michael F.J. Pisaric, Carleton University, *Climate-tree growth relations in Old Crow Flats, northern Yukon, Canada*.

2:00 Michele M Tobias*, University of California, Davis, *California Beach Plant Biogeomorphology*.

2:20 Nancy A Brown*, The Pennsylvania State University; Kyle Merriam, Regional Ecologist, USDA FS Pacific Southwest Region; Alan H. Taylor, Professor, The Pennsylvania State University, *Interactions of site quality and genetic variability in Cupressus bakeri, Baker cypress*.

5450. Geographies of Tomorrow: AGS International Research (Sponsored by American Geographical Society, Conference of Latin Americanist Geographers, Latin America Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): David J. Keeling, Western Kentucky University

CHAIR(S): David J. Keeling, Western Kentucky University

1:00 John C. Kostelnick*, Illinois State University, *Standardization of Cartographic Symbolization for Hazards and Violence*.

1:20 Juha I. Uitto, PhD*, United Nations Development Programme, *Evaluating Sustainable Development of Natural Resources In Laos*.

1:40 David J. Keeling, PhD*, Western Kentucky University, *Medellin and Comuna 13: Back from the Brink*.

2:00 Jerome E. Dobson, Professor*, University of Kansas, *Policy Issues Arising In Foreign Field Research*.

2:20 Ghazi Falah*, University of Akron; June Crowe, Project Manager/Senior Researcher, Information International Associates, Inc., *Jordanian women's rights for land ownership in theory and practice*.

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5451. **Geomorphology: Loess, Afghanistan, and Mars**

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark Bishop, Planetary Science Institute

1:00 John Shroder*, University of Nebraska; Jalot Al-Absy, Graduate Student, Department of Geoscience, University of Nebraska-Lincoln, Lincoln, NE, *Geomorphologic Mapping of Afghanistan*.

1:20 Tongxin Zhu*, University of Minnesota, *The Variation of Soil Erodibility within the Gullies of a Semi-arid Watershed in the Loess Plateau of China*.

1:40 Christine M. Rodrigue*, California State University - Long Beach, *Orders of Relief and the Regional Geography of Mars*.

2:00 Paul Eric Reyerson*, University of Wisconsin-Madison; Joseph Adland Mason, University of Wisconsin-Madison, *Terrestrial amorphous silica pools in soils of mid-continent North America: description and analysis of patterns*.

2:20 Mark Bishop*, Planetary Science Institute; Andrew Wheeler, *Comparative point pattern analysis of the Rub'al Khali (Arabian Peninsula), Takla Makan (China) sand seas, Earth, and the North Polar ergs, Mars: A measure of dune field maturity, climate change and desert landscape evolution*.

5452. **Property Values, Rights and Perceptions**

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lesli M. Rawlings, University of Nebraska

1:00 Seth Appiah-Opoku, Dr.*, University of Alabama; Audrey Miller, University of Alabama, *Problems and Perceptions Associated with Manufactured Housing in Alabama: The Case of Tuscaloosa County*.

1:20 Helen R. Neill, PhD.*, University of Nevada, Las Vegas; Djeto Assane, PhD., University of Nevada, Las Vegas, *Stigmatized property values: A tale of two neighborhoods*.

1:40 Sisi Yan*, *The Impact of Light Rail System on Single Family Property Value in Charlotte, Mecklenburg County*.

2:00 Lesli M. Rawlings*, University of Nebraska-Lincoln, *The Impact of Public School Characteristics and Proximity on Home Values in Omaha, Nebraska*.

5453. **Hurricanes II: Societal Impact and Resilience (Sponsored by Climate Specialty Group, Hazards Specialty Group)**

Room: North Hall N114, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State University;

Harry Williams, University of North Texas

CHAIR(S): Devyani Kar, Louisiana State University

1:00 Jay Baker*, Florida State University, *Shadow Evacuation in Hurricanes*.

1:20 Helbert Arenas*, Louisiana State University; Nina Lam, Louisiana State University, *Evaluating Predictors for Business Recovery in New Orleans after Hurricane Katrina*.

1:40 Nina Lam*, Louisiana State University; Margaret Reams, Louisiana State University; Ariele Baker, Louisiana State University; Lauren DeFrank, Louisiana State University; Alison Martin, Louisiana State University, *On the Development of a Community Resilience Index*.

2:00 Kathleen Sherman-Morris*, Mississippi State University; Andrea Schumacher, Cooperative Institute for Research in the Atmosphere; Sheldon Drobot, Colorado Center for Astrodyamics Research; Karen McNeal, Mississippi State University, *Business owners, animal lovers, Gulf Coast residents: A look at the complex role of pet care professionals in Hurricanes Gustav and Ike*.

2:20 Robert M. Schwartz*, University of Akron, *Preparedness and Response Issues Following Hurricane Ike*.

5454. **International Polar Year: Integrating Geographical Perspectives (Sponsored by Cryosphere Specialty Group)**

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Nancy Doubleday, Carleton University;

Frederick E. Nelson, University of Delaware

CHAIR(S): Nancy Doubleday, Carleton University

1:00 Frederick E. Nelson*, University of Delaware, *American Geography at the Poles: Relics from the AGS Archive*.

1:20 Nancy Doubleday*, IGU Cold Region Environments (CRE) Chair, Canada; Dario TROMBOTTO, IGU Cold Region Environments (CRE) Co-Chair; Xiaoping YANG, IGU CRE - China; Norikazu Matsuoka, IGU - CRE - Japan; Jef Vandenbergh, IGU - CRE - Netherlands; Ole Humlum, IGU - CRE - Norway; Tatiana Vlasova, IGU - CRE - Russia; Julian B. Murton, IGU - CRE - United Kingdom of Great Britain; Frederick E. Nelson, IGU - CRE - United States of America, *Integrating Scientific Perspectives on Problems of Changing Environmental and Human Conditions in the Polar Regions*.

1:40 Morgan A Ip, B.A.S., M. Arch candidate*, Carleton University; Don P Charette; Nancy Doubleday, PhD, Carleton University; Shawn Donaldson, PhD; Bryan Grimwood, PhD candidate, Carleton University, *Geography, Cultural Identity and Collaborative Design*.

2:00 Shawn G Donaldson, B.Sc. (Hons.), M.A., PhD.*, Carleton University, *The importance of a community-based approach to health research in the Arctic*.

5455. **Modeling Geographic Complexity 1 (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Suzana Dragicevic, Simon Fraser University;

Tom Evans, Indiana University

CHAIR(S): Suzana Dragicevic, Simon Fraser University

1:00 David A. Bennett*, University of Iowa; Wenwu Tang, University of Illinois, *Modeling Complex Adaptive Rangeland Systems*.

1:20 Raymond Cabrera*, University of Waterloo; Peter J. Deadman, University of Waterloo, *Multi-agent reasoning in Amazonia (MARIA): A comparison of decision-making methods in an agent-based model of rural land use change*.

1:40 Sohl Terry*, U.S. Geological Survey, *Forecasting spatial patterns of land cover and land-use change: The FORE-SCE model*.

2:00 Li Xun*, Arizona State University; Paul M. Torrens, PhD, Arizona State University; William Griffin, PhD, Arizona State University; Casey Sechler, Arizona State University; Jillian Smith, Arizona State University; Haojie Zhu, Arizona State University; Scott Brown, Arizona State University, *Visual GIS Analysis and Validation Methods of Individual Behavioral Models*.

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- 2:20** Sara Metcalf*, University at Buffalo (SUNY), *Moving Beyond Automata: Critical Thinking and Computer Models.*

5456. Indigenous Peoples and Protected Areas: Conservation Through Self-Determination I (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Stan Stevens, University of Massachusetts

CHAIR(S): Stan Stevens, University of Massachusetts

- 1:00** Jeannine Koshear, PhD*, Fresno City College, *The California Gold Rush: Cataclysm and Environmental Transformation.*

- 1:20** Yolanda Weima*, Queen's; Anne Godlewska, PhD, Queen's, *Algonquin Provincial Park as Policed Space.*

- 1:40** Mary C. Thompson*, University of South Carolina, *Conservation, Eviction, and Identity in Ghana's Digya National Park.*

- 2:00** Peters Eseosa Omoregie, Mr*, University of Kansas, *Conservation Policy and Property Rights Regimes: A Case Study From The Cross River National Park, Nigeria.*

- 2:20** Maria Fadiman, PhD*, Florida Atlantic University, *Forest Use and Conservation: Afro-Ecuadorians in Northwestern Ecuador.*

5457. Issues in Urban Geography

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Marissa Smith, Arizona State University

- 1:00** Anne Vogelpohl*, TU Berlin, *Temporal Urbanity - Differentiated Times as Core of (Re)Urbanization.*

- 1:20** Zia Salim*, San Diego State University, *Informal Urbanization In The Victorious City: The Case of Cairo.*

- 1:40** Mauro Cannone*, Royal Holloway, University of London; Mauro Cannone, Royal Holloway, University of London, *All that is solid does not melt into air: social capital and urban development in contemporary Venice.*

- 2:00** Maria Cristina Inclan-Valadez*, Department of Geography and Environment. LSE, *Creating a place. A story of re-appropriation and vernacularization in affordable housing complexes in Mexico.*

- 2:20** Marissa Smith*, Arizona State University, *Life on the Margins: Gendered City Spaces in Oaxaca, Mexico.*

5458. Locating the Prison: Geographies of Crime and Punishment (Sponsored by Urban Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Matthew Mitchelson, University of Georgia;

Anne Bonds, University of Wisconsin, Milwaukee

CHAIR(S): Anne Bonds, University of Wisconsin, Milwaukee

- 1:00** Rashad Shabazz, PhD*, The University of Vermont, *"Whirlpool of Risk": Transference, Carceral Circularity and the Rise of the Black AIDS Epidemic.*

- 1:20** Susannah R. McCandless*, Clark University, *Mapping the carceral countryside: affect, mobility and gender in the lived spaces of Vermont Latino farmworkers.*

- 1:40** Matthew Mitchelson*, University of Georgia, *Innumerable Mechanisms of Discipline: Producing the Prison and 'the' Quantitative Method.*

- 2:00** Anne Bonds*, University of Wisconsin, Milwaukee, *Discipline and Dispossession: White Privilege and Entrepreneurial Prison Development.*

- 2:20** Nik Theodore*, University of Illinois at Chicago; Jamie Peck, University of British Columbia, *Labor market lockdown: making the ex-offender employability crisis.*

5459. Ethnographies of conservation: Understanding the institutions of global biodiversity conservation-Panel I (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Catherine Corson, University of California, Berkeley; Noella Gray, Duke University

CHAIR(S): Peter Brosius, University of Georgia

- 1:00** Lisa Campbell*, Duke University, *Seeing Red: Inside the science and politics of IUCN's Red List.*

- 1:20** Jennifer Dinaburg*, University of Colorado-Boulder, *Making the Medicine Mountains: The Politics of Tibetan Doctors and Medicinal Plant Management in the Meilixueshan Conservation Area, PRC.*

- 1:40** Elizabeth S. Barron, PhD. candidate*, Rutgers University, *Saving the Macromycetes: Emerging Models of Fungal Conservation in Europe.*

- 2:00** Meredith Welch-Devine*, University of Georgia, *Navigating Trade-offs: The role of the social sciences in conservation.*

- 2:20** Noella Gray*, Duke University, *Using Science for Marine Conservation: A Multi-Site Ethnography of Conservation Organizations.*

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5502. Urban Geography Plenary Lecture (Sponsored by Urban Geography Specialty Group)

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Panel Session)
 ORGANIZER(S): Robert Lake, Rutgers University; James DeFilippis, Rutgers University

Introducer: Robert Lake

Introducer: James DeFilippis

Discussant(s): Pablo Bose, University of Vermont; Cindi Katz, CUNY Graduate Center

Panelist: AbdouMaliq Simone

5503. GIS in Geographical Analysis

Room: Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)
 ORGANIZER(S): Program Committee

Jon Dewitz*, United States Geological Survey, *National Land Cover Database: Newly Completed and Upcoming Products*.

Patrick Oberle*, SUNY Geneseo, *Western New York Wintertime Sunshine*.

Jonas Ball*, Texas A & M University - Kingsville; Jaehyung Yu, Texas A & M University-Kingsville, *Crime Reduction Approach by GIS based Crime Mapping and Occurrence Analysis for the City of Alice, TX*.

Scott Jonker*, Calvin College; Jason VanHorn, PhD, Calvin College, *Mapping the Calvin College Ecosystem Preserve in Grand Rapids, Michigan*.

Yasser M. Ayad*, Clarion University; Stephen Roberts, Clarion University, *Clarion University Online Campus Map*.

Rex M Robichaux*, Kansas State University, *Geographical Applications at Mesa Verde National Park, Southwestern Colorado*.

Nicholas J Toye, Student Employee*, Alaska Climate Research Center/UA Geography Program; Martha Shulski, Climatologist, Alaska Climate Research Center; Blake Moore, Systems Analyst, Alaska Climate Research Center, *An Interactive Inventory of Alaska Weather Stations "A Web-Based Tool to Aid in Climate Queries"*.

Christopher R Bowering*, Suny Geneseo, *A GIS-Based Guided Inquiry Exercise: A Comparison of Hurricanes Andrew and Katrina*.

Christopher St. Andre*, Bridgewater State College, *Solar and Topographical Breeding Habitat Preferences of Two Damselflies: Calopteryx aquabilis and Calopteryx maculata*.

Ermias Aynekulu Betemariam*, University of Bonn; Manfred Denich, University of Bonn; Paul L.G. Vlek, University of Bonn, *The applicability of GIS in Dendrochronology*.

Tony Drollinger*, University of Minnesota, *Spatial Patterns in Multifamily Recycling*.

Michael Robert 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*.

Duffy Patrick*, Student, *Identifying and Mapping Optimal Lakebed Coring Locations Using Ground Penetrating Radar*.

Andrew C. Dudley, Metro State College of Denver; Stella Todd*, Metro State College of Denver, *A Simple GIS Model Used to Extract Denver's Tree Canopy*.

James C Clare*, Department of Geosciences, Fort Hays State University; John Heinrichs, PhD, Fort Hays State University, Department of Geosciences, *A Three-Dimensional Visual Comparison of ICESat Elevation Data and Modis Imagery Using Arcscene*.

Subodh K Ganta*, Oklahoma state university; Mahesh Rao, Oklahoma state university, *A GIS-based Evaluation of Potential Biomass Feedstock Areas in the South Central Sun Grant Region*.

Xuelian Meng*, Dr., *The possibility of GIS event mapping by media reports: a case study on sandstorms in China*.

Jared J Rahn*, Minnesota State University - Mankato, *New Madrid, Missouri Historical Earthquake-Driven Flooding*.

David S Cordner*, RGIS-Pacific Northwest, Central Washington University, *Kittitas County Open Mapping Project*.

Nicole Michiels*, UW-Stevens Point; Brad Slaney, UW-Stevens Point; Adam Shebelski, UW-Stevens Point; Jason Boudreau, UW-Stevens Point; Lisa Theo, UW-Stevens Point, *Infrastructure and Sprawl*.

Kyle Souhrada*, SUNY Geneseo, *The Morphology of a College Town in a National Landmark Historic District: Geneseo, New York*.

Catherine Geason*, University of Minnesota Twin Cities, *Bet - Borrow - Busted! Analysis of 20 years of County Recorder's Data*.

Ryan Abeloe*, University of Denver, *Using a GIS to analyze crime in and around Denver Light Rail Stations*.

Alston Hicks*, Oklahoma State University, *Analyzing Spatial and Temporal Patterns of Traffic Accidents in Stillwater, Oklahoma*.

Catherine Sasges*, University of Calgary, *GIS of Second Home Owner Survey Responses in Canmore, Alberta*.

Austin Chamberlain*, Appalachian State University; Chris Badurek, PhD., Appalachian State University, *Identification and Analysis of Multiscale Indicators of Rural Gentrification in Western North Carolina*.

Jose Cruz*, Cal Poly Pomona, *Potential Hazards of the San Antonio Dam in Southern California*.

Daniel Rees*, Clark University; Henry N.N Bulley, Clark University GISDE, *Effects of changes in transportation mode on the development of urban form*.

Benjamin Spaulding*, University of Connecticut, *MAGIC 2.0: The Development of Web-Based GIS Applications for Historical GIS Data*.

John Nerge, Carthage College; WENJIE SUN*, Carthage College, *Using GIS and Spatial Analyses to Identify High-Risk Neighborhoods for the Kenosha-Racine Lead Free Communities Partnership Program*.

Tamara Biegas*, Texas State University, *Adolescent Obesity and Urban Spaces*.

5504. Native Peoples and the Water Nations II: Policy, Management and Rights (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): RDK Herman, National Museum of the American Indian

CHAIR(S): Kate Berry, University of Nevada, Reno

3:10 Suzanne Smith*, University of Guelph; Ryan Plummer, Brock University; Paul General, Six Nations EcoCentre; Kate Cave, Six Nations EcoCentre, *First Nation Water Governance in Southern Ontario: Implications for Source Water Protection*.

3:30 Dan Walters*, Nipissing University; Nick Spence, The University of Western Ontario; Jerry White, The University of Western Ontario, *Municipal source water protection and First Nations: A two tier system of governance in Ontario, Canada*.

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3:50 Sarah F. Trainor, PhD*, University of Alaska, Alaska Center for Climate Assessment and Policy; Cheryl Anderson, PhD., University of Hawaii, Pacific Regional Integrated Sciences and Assessment; Gregg Garfin, PhD., University of Arizona, Climate Assessment for the Southwest; Daniel Ferguson, M.A., University of Arizona, Climate Assessment for the Southwest, *Climate Change, Water Impacts, and Indigenous Peoples: Engaging Native Knowledge in Cross-Regional Comparison between Alaska, the Pacific Islands, and the American Southwest.*

4:10 Roxanne T. Ornelas*, Miami University, *Water Policy and the Indigenous Women's Leadership Project.*

4:30 Marcia Macedo, PhD Student*, Columbia University, *Tropical deforestation and stream connectivity: Implications for the management of indigenous reserves in the Amazon's 'arc of deforestation'.*

5505. Population Specialty Group and Ethnic Geography Specialty Group Joint Plenary Session: Laura Pulido (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Suzanne Davies Withers, University of Washington

CHAIR(S): Wei Li, Arizona State University

Introducer: Wei Li

Introducer: Emily H. Skop

Discussant(s): Laura Pulido; Suzanne Davies Withers, University of Washington

5506. Feminist Engagements with the Geopolitical III

Room: Royale Pavilion 1, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Deborah Dixon

CHAIR(S): Deborah Dixon

Introducer: Deborah Dixon

3:20 Sara H. Smith, PhD. Candidate*, University of Arizona, *Intimacy, fertility, and the geopolitics of desire: marriage and babies in India's Jammu and Kashmir State.*

3:40 Kate Boyer, PhD*, University of Southampton, *Transnational breastmilk: the new politics and economics of mobile breastmilk.*

4:00 Sarah Mills*, Institute of Geography and Earth Sciences, Aberystwyth University, *Gendering the Scout Movement: What Kind of Citizen for What Kind of Country?.*

5507. GESG Student Paper Competition: Session II (Sponsored by Geography Education Specialty Group)

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Richard B. Schultz, Elmhurst College; Eric J. Fournier, Samford University

CHAIR(S): Richard B. Schultz, Elmhurst College

Introducer: Richard B. Schultz

3:12 Christine A Coats, PhD. Candidate*, Texas State University-San Marcos, *Rethinking Religion in the New Age of Environmental Stewardship: Opportunities for Geography Education.*

3:32 Katera Moore*, The Graduate Center - CUNY, *Africa isn't a country? Geographic Literacy and Citizenship in Undergraduate Education.*

3:52 Mary D. Curtis*, Texas State University-San Marcos, *Addressing a Critical Blind Spot in American Geography Education.*

4:12 Ted C. Eckmann*, University of California at Santa Barbara: Geography Department and Institute for Computational Earth System Science; Robert B. West, East Los Angeles College: Department of Anthropology, Geography, and Geology, *Helping Undergraduate Students to Develop Multimedia Production Skills Relevant to Geography.*

Discussant(s): Herschel Stern, Miracosta College

5508. The 'Market' Reconsidered II (Sponsored by Economic Geography Specialty Group)

Room: Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Andrew Jones, Birkbeck, University of London; Christian Berndt, Universitaet Frankfurt

CHAIR(S): Peter Lindner, University of Frankfurt

3:10 Sam Schueth*, University of Minnesota, *The Subject of the Market and Post-Soviet "Transition".*

3:30 Jamie Peck*, University of British Columbia, *Market 2.0: relocating the Chicago School of Economics.*

3:50 Marion Traub-Werner*, University of Minnesota, *The Market as Presence: Gender, Neoliberalism, and Development as Exception.*

4:10 Janelle Knox-Hayes, DPhil Candidate*, University of Oxford, *Constructing Carbon Market Space-Time: Implications for Neo-modernity.*

4:30 Stephen Healy*, Worcester State College, *Ethics in Search of a Market: Worker Cooperatives, Subjectivation, and Market Creation.*

5509. Landscape Inscription and Place Identity (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Terri Moreau, Royal Holloway University of London; Kevon Rhiney, University of the West Indies

CHAIR(S): Derek H. Alderman, East Carolina University

3:10 terri moreau*, Royal Holloway University of London; Derek H Alderman, East Carolina University, *Graffiti Lineage: A Look at Civil War Heritage at Brandy Station.*

3:30 Kevon C. Rhiney, Mr. *, University of the West Indies, *"Trench Town Rock": Inscription, identity and reggae music in Kingston, Jamaica.*

3:50 Eriko Yasue*, Royal Holloway University of London, *Reproducing tourist landscapes: the practices of tourist photography in contemporary Japan.*

4:10 Stephen S. Birdsall*, University of North Carolina - Chapel Hill, *Losing and Reactivating Remembrance: Fluctuating Purpose in Memorial Landscapes.*

Discussant(s): Tim Cresswell, Royal Holloway, University of London

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Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): David M. Mark, University at Buffalo; Boyan Brodaric

CHAIR(S): Boyan Brodaric

3:10 Chen-Chieh Feng*, Geography, National University of Singapore; Alexandre Sorokine, Oak Ridge National Laboratory, *Exploring Meaning Differences of Mandarin and Russian Landscape Categories.*

3:30 Christopher Wellen, M.Sc.*, University of Toronto; Renee Sieber, PhD, McGill University, *Applying ontologies to GIS for cultural preservation.*

3:50 Gaurav Sinha*, Ohio University, *Toward a Formal Model of Topographic Eminences.*

4:10 David M. Mark*, University at Buffalo; Boyan Brodaric, Geological Survey of Canada, *Ontological Foundations for Interoperable Multilingual Landform Definitions.*

5512. Geopolitics and Insecurity II: Encountering Productions of State Security

Room: *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Panel Session)
ORGANIZER(S): Elizabeth Johnson, University of Minnesota - Minneapolis

CHAIR(S): Garnet Kindervater, University of Minnesota

Panelists: Elizabeth Johnson, University of Minnesota - Minneapolis; Gregory Donovan, The City University of New York, Graduate Center; Tina Harris, CUNY Graduate Center; Gerry Kearns, University of Cambridge; Stephen Graham, Durham Geography

5513. City/life/matter: rethinking urban ecologies

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Panel Session)
ORGANIZER(S): Bruce Braun, The Graduate Center, The City University of New York; Vinay K. Gidwani, University of Minnesota

CHAIR(S): Vinay K. Gidwani, University of Minnesota

Panelists: Bruce Braun, The Graduate Center, The City University of New York; Vinay K. Gidwani, University of Minnesota; Sharad Chari, London School of Economics & University of KwaZulu-Natal; Alex Loftus, Royal Holloway, University of London; Nik Heynen, University of Georgia; Paul Jackson, University of Toronto

5514. Spatial Autocorrelation in Environmental Justice Research: Problems, Prospects, and Future Directions (Sponsored by Spatial Analysis and Modeling Specialty Group, Urban Geography Specialty Group, Hazards Specialty Group)

Room: *Capri 101, Riviera Hotel, 1st Floor* (Paper Session)
ORGANIZER(S): Jayajit Chakraborty, University of South Florida; Timothy W. Collins, University of Texas at El Paso

CHAIR(S): Sara Grineski, University of Texas at El Paso

3:10 Jayajit Chakraborty*, University of South Florida, *Spatial Autocorrelation and the Selection of Regression Models for Environmental Justice Analysis.*

3:30 K. Animashaun Ducre*, Syracuse University, *Racialized Spaces: Exploratory Space as a Variable in Environmental Justice Analysis.*

3:50 Marilyn M. Williams*, University of Denver, *The Spatial Distribution of Industrial Pollution in Houston: Analyzing Racial/Ethnic and Socioeconomic Inequities.*

4:10 Timothy W. Collins, PhD*, University of Texas at El Paso; Sara E Grineski, PhD*, University of Texas at El Paso, *Environmental Injustices in Transnational Context: Predictors of proximity to industrial hazards in El Paso/Ciudad Juárez.*

4:30 Jeremy Mennis*, Temple University, *Spatial Analysis and Explanations of Environmental Justice.*

5517. Topics in Environmental Geography

Room: *Capri 104, Riviera Hotel, 1st Floor* (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stephen R. Cameron, Michigan State University

3:10 Anupam Anand*, Department of Geography, University of Maryland; Pankaj Chandan, Freshwater and Wetlands Division, WWF-India; R.B. Singh, Department of Geography, University of Delhi; Nisa Khatoun, WWF-India, *The Highland Hosts: Assessing Eco-tourism initiative in Changthang Valley, Ladakh.*

3:15 Allison Bullock*, The University of Texas at Austin, *Evaluating the Implementation of the Slope Land Conversion Program in Tianquan and Wuqi counties, China.*

3:20 Bradley JF Bereitschaft*, University of North Carolina at Greensboro, *Spatial Analysis of Tropospheric Ozone Levels in Megapolitan America.*

3:25 Agathamari Mushi*, University of Richmond, *Climate Change; One Global Challenge, Many Adaptation and Mitigation Recipes.*

3:30 OConnor Bailey*, University of Denver, *Making Connections for Wildlife.*

3:35 JoAnna M Klinge*, Arizona State University, *Comparative Study of Near East Bronze Age Villages' Environmental Interactions.*

3:40 Karsten A. Shein, PhD*, NOAA National Climatic Data Center, *Identification and evaluation of climatic precursors of coral reef ecosystem impacts.*

5518. Landscape: Heuristic tool, Cultural Artifact, Ecological Concept, or Political Entity? II (Sponsored by Cultural Geography Specialty Group)

Room: *Capri 105, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Michelle Marie Metro-Roland, Indiana University; James J. Hayes, California State University Northridge

CHAIR(S): Michelle Marie Metro-Roland, Indiana University

3:10 James Looney*, University of Kentucky, *Wandering, wondering, and wayfinding: the strange topographies of the search.*

3:30 Robert Kuhlken*, Central Washington University, *The New Fishin' Hole: Nature, Culture, and Place in Recreational Angling.*

3:50 Darrel L. McDonald*, Stephen F Austin State University, *The Rise, Reverence and Reduction of a Secular Sacred Landscape: Galveston Island.*

4:10 Rowena Butland*, The University of Sydney and The University of the West Indies, St Augustine, *Angkor Culturally Landscaped.*

4:30 Rebecca Clouser*, Indiana University, *Landscapes of fear and memory in post-conflict societies: A comparative approach.*

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Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)

CHAIR(S): Maureen Biermann, Penn State University

3:10 Benjamin Ofori-Amoah*, Western Michigan University, *Geography and Institutional Policy: The "Protocol" Admission Policy of Ghana's Kwame Nkrumah University of Science & Technology.*

3:30 Foster Frempong, M.Phil.*, University of Cape Coast, Ghana; Kofi Awusabo-Asare, PhD, University of Cape Coast, Ghana; K. Kumi-Kyereme, PhD, University of Cape Coast, Ghana; A. Tanle, PhD, University of Cape Coast, Ghana; A. Darteh, PhD, University of Cape Coast, Ghana; A. Antwi, PhD, University of Cape Coast, Ghana, *Urban Community responses to Sanitation, Health and Environmental Quality in Coastal Ghana.*

3:50 Justin Stoler, MS, MPH, CPH*, San Diego State University, *Demographic, environmental and spatial analysis of urban malaria in Accra, Ghana.*

4:10 Amy E. Noreuil, MA 1st Yr*, The George Washington University, *An Analysis of the Geographical Origins and Distribution of Red Cross Messages between Africa and the United States.*

4:30 Maureen Biermann*, Penn State University, *Building Community Resilience: Integrating Climate Change Adaptation into an NGO Agenda.*

5520. Historicizing the Nazi Concentration Camp System across Time and Place

Room: Capri 107, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Marc Masurovsky, US Holocaust Memorial Museum

CHAIR(S): Marc Masurovsky, US Holocaust Memorial Museum

Panelists: Marc Masurovsky, US Holocaust Memorial Museum; Pavel Ilyin, United States Holocaust Memorial Museum

5522. Its All For Sale: Market Mania, Eco-Barons and the New Geographies of Enclosures & Openings

Room: Capri 109, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Michael Dorsey, Dartmouth College

3:10 Kevin Gould, Dartmouth College

3:25 Juanita Sundberg, University of British Columbia

3:40 Michael Dorsey, Dartmouth College

3:55 Jessica Dempsey, University of British Columbia

4:10 Sarah Romano, University of California, Santa Cruz

5524. Topics in Water Resources 1

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James A. Schmid, Schmid & Company Inc

3:10 Han She Lim*, National University of Singapore, *Modelling the rainfall-runoff response of catchments in a dynamic environment.*

3:30 Jie Qin*, Department of Geography and Resources Management, The Chinese University of Hong Kong; Sai Leung Ng, Department of Geography and Resources management, The Chinese University of Hong Kong, *Characterization of wave resistance on steep slopes.*

3:50 Zhongwei Liu, PhD*, Ft. Lauderdale Research and Education Center, University of Florida; Frank J. Mazzotti, PhD., Fort Lauderdale Research and Education Center, University of Florida; Laura A. Brandt, PhD., U.S. Fish and Wildlife Service; Stephanie S. Romañach, PhD., U.S. Geological Survey; Danielle E. Ogurcak, Florida International University; Aaron L. Higer, Fort Lauderdale Research and Education Center, University of Florida, *Relationship between alligator holes and EDEN hydrologic data in Everglades National Park, Florida.*

4:10 James A. Schmid, Ph. D.*, Schmid & Company Inc, *Regulatory Gaps in Pennsylvania Headwater Stream Protection.*

4:30 Eliza Clarke Thrush, MA Candidate*, Ohio University, *Environmental Degradation and Landscape Change: A Comprehensive Study of a Proposed Cleveland Clinic Site, Twinsburg, OH.*

5525. Medical Geography and Spatial Analysis 2

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Doug Goodin, Kansas State University

3:10 Henry N Bulley, Dr., Clark University; Adepero Oladeinde*, Clark University; Joseph R. Oppong, Dr., University of North Texas; Cynthia Adom, Clark University, *Assessments of the Associations between Buruli Ulcer Prevalence and Environmental Conditions.*

3:30 Lan Luo*, PhD, University of Illinois at Urbana-Champaign; Sara McLafferty, Professor, University of Illinois at Urbana-Champaign, *Analyzing Spatial Aggregation Error in Cancer Cluster Investigations: A Monte Carlo Simulation Approach.*

3:50 Elisabeth Dowling Root*, University of North Carolina - Chapel Hill, *Area-level socio-economic predictors of gastroschisis in North Carolina: a multilevel modeling approach.*

4:10 Margaret A. Carrel*, University of North Carolina - Chapel Hill; Xiu-Feng Henry Wan, Centers for Disease Control & Prevention; R. Todd Jobe, University of North Carolina-Chapel Hill; Aaron Moody, University of North Carolina-Chapel Hill; Michael Emch, University of North Carolina-Chapel Hill, *The Geography of Avian Influenza: A Spatiotemporal Analysis of Viral Evolution.*

4:30 Doug Goodin*, Kansas State University; David E. Koch, Kansas State University; Robert Owen, Texas Tech University; Linda J. Allen, Texas Tech University; Colleen B. Jonsson, University of Louisville, *Community Diversity, Landscape Structure, and the Presence of Hantavirus at an Atlantic Forest Site, Eastern Paraguay.*

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- 5526. Considering Gramsci's Spaces I (Sponsored by Socialist and Critical Geography Specialty Group)**
Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Oliver Christian Belcher, University of British Columbia
 CHAIR(S): Oliver Christian Belcher, University of British Columbia
3:10 Michael A Ekers, D.Phil Candidate*, University of Oxford, *Finding Gramscian Moments in the Woods: The Political Ecology of The Canadian Reforestation and Environment Workers Society.*
3:30 Oliver Christian Belcher*, University of British Columbia, *Gramsci's Archive Story.*
3:50 Michal Kohout*, California State University, San Bernardino, *Gramsci's Hegemony in Geography.*
4:10 Elena Portacolone*, UC San Francisco, Department of Social and Behavioral Sciences, *The Tyranny of Freedom Among Older Adults Living Alone And The Role of The Gramscian Organic Intellectual.*
- 5527. Youth Participation in Neighborhood and Community Settings: Part I (US & Intl) (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group)**
Room: Capri 115, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Yvonne Hung, CUNY Graduate Center
 CHAIR(S): Penny Travlou
3:10 Kirsten Owen*, University of Sheffield, *Young People and 'Social Mix': conceptual debates about young people's contribution towards social interactions in neighbourhoods designed for 'social mix'.*
3:30 Yvonne Hung*, CUNY Graduate Center, *Youth participation in two Berlin neighborhood organizations.*
3:50 Matthew J. Reilly*, University of North Carolina - Chapel Hill, *The Kids from Calle G: Youth and Public Space in Havana, Cuba.*
4:10 Sofia Cele*, Uppsala University, *Place and Self: Children's Photographic Narratives.*
- 5528. The right to the city: from the right to occupy towards the right to 'survive' (Sponsored by Urban Geography Specialty Group)**
Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Peter Hossler, University of Georgia
 CHAIR(S): Peter Hossler, University of Georgia
3:10 Jeff Popke*, East Carolina University; Katherine Jones, East Carolina University, *Re-envisioning Social Space: HOPE VI, Neoliberalism, and the Right to the City.*
3:30 Jurgen Von Mahs*, Eugene Lang College & The New School for General Studies; Scott Salmon, Eugene Lang College & Milano The New School for Management and Urban Policy, *Insurgent Citizenship? Homelessness, Grassroots Activism, and the Right to the City.*
3:50 Dennis Grammenos*, Northeastern Illinois University, *From the Streets of Chicago: Neighborhood Scale Perspectives on Gentrification in the Neoliberal City.*
4:10 Lisa M Freeman*, University of Toronto, *When Survival hinges on a Properly Latching Door.*
4:30 Nicholas Dahmann*, University of Southern California, *The Right to the Right to the City: Radical democratic practices in Downtown Los Angeles.*

- 5529. Economic Geography 2**
Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Milford B. Green, University of Western Ontario
3:10 Britta Klagge*, University of Osnabrueck, *There's life in the old dog yet: German banking and the financial crisis.*
3:30 Nigel Waters, PhD*, George Mason University; Howard Tenenbaum, George Mason University, *Geographic Re-alignment of Mortgage Institutions' Markets in U.S. Metropolitan Areas.*
3:50 Dariusz Wojcik*, Schools of Geography and the Environment Oxford, *Innovation and Stock Markets: International Evidence on Manufacturing and Services.*
4:10 Milford B. Green*, University of Western Ontario, *The Canadian Interlocking Directorate Network.*
- 5530. Geographies of Education II: Choice, Inequality, and Segregation (Sponsored by Population Specialty Group, Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)**
Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Suzanna Klaf, The Ohio State University; Venla Bernelius, University of Helsinki
 CHAIR(S): Ranu Basu, York University
3:10 Haifeng Zhang*, University of Louisville, KY, *Racial inequalities in school choice: Revealing the contemporary trend of white flight in metropolitan areas.*
3:30 Eva Andersson, Uppsala University; Bo Malmberg*, Stockholm University; John Östh, Uppsala University, *School choice and segregation.*
3:50 Catherine RHEIN*, Centre National De La Recherche Scientifique, *School and residential segregation in metropolitan Paris, a review and assessment.*
4:10 Venla Bernelius, M.Sc. *, University of Helsinki, *Schools on the threshold? - Learning in a segregating Nordic welfare society.*
- 5531. Interdisciplinary Lenses on Environmental Justice - II (Sponsored by Medical Geography Specialty Group)**
Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Leith Deacon, University of Western Ontario; Kate J. Darby, Arizona State University
 CHAIR(S): Leith Deacon, University of Western Ontario
3:10 Kate J Darby*, Arizona State University, *Producing Environmental Inequities: Historical Smelter Metabolism in El Paso, Texas.*
3:30 Bob Bolin*, Arizona State University; Sara Grineski, University of Texas El Paso, *"The Shame of Phoenix": Uneven Geographic Development and Landscapes of Injustice.*
3:50 Chona E. Sister*, Global Institute of Sustainability, ASU; Christopher G. Boone, Global Institute of Sustainability, ASU, *A longitudinal analysis of park equity in Baltimore, 1930-2000.*
4:10 Kelly Turner*, Arizona State University, *The Impact of Homeowners Associations on Water Use in Phoenix, AZ.*

THURSDAY, MARCH 26 • 3:10 PM - 4:50 PM • 5500**5532. Eventful Geographies (Sponsored by Sexuality and Space Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)**

Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Robert Kaiser

CHAIR(S): Robert Kaiser

Introducer: Robert Kaiser

3:15 Nicolas C Howe*, University of California - Los Angeles, *Contentious Politics and the Eventness of Place.*

3:35 Robert Kaiser*, University of Wisconsin - Madison, *Eventful Geographies: Bordering as Contingent Event.*

3:55 Adam Moore*, University of Wisconsin, Madison, *Ethno-territorial events and the reproduction of ethnic division.*

4:15 Christoph Haferburg*, University of Erlangen-Nürnberg, *Event driven urban development? The soccer world cup 2010 and South Africa's challenges of urban integration.*

Discussant(s): Reece Jones, University of Hawaii at Manoa

5533. Animal Geography 2: rural inclusions and exclusions

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): David Lulka, California State University San Marcos

CHAIR(S): David Lulka, California State University San Marcos

3:10 Andrea Bolla, M.A. Candidate*, University of Guelph; Alice J. Hovorka, PhD, University of Guelph, *The Role of Wildlife in Botswana.*

3:30 Rosemary-Claire M.S. Collard*, University of British Columbia, *(En)count(er)ing cougars in Pacific Rim National Park Reserve.*

3:50 John Wall*, Carleton University, *An Uneasy Truce? Humans and Wolves in the Algonquin Park Borderlands.*

4:10 Matthew D. Mason*, Yale University; Christopher Geissler, Yale University, *Mapping Places and Spaces for Thoroughbred Horses and People in the United States in The American Stud Book, 1868-1896.*

4:30 Tim Fargo*, UCLA, *Farm Animal Sanctuaries: Postdomestic Activism and the Transformative Power of Place.*

5534. Cities, Regions, States 2

Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): John Harrison, Loughborough University

CHAIR(S): John Harrison, Loughborough University

Introducer: John Harrison

3:30 Udesch Pillay, Dr*, Human Sciences Research Council, *City-Regionalism in South Africa: integrating economic and political 'logics'.*

3:50 Thomas J Sigler*, The Pennsylvania State University, *Metropolitan Governance: A Case Study of San Diego.*

4:10 Gareth A Rice, Dr*, University of Helsinki, *City Regional Geographies: Some Evidence From The UK And Finland.*

4:30 James E Rees, Dr*, University of Manchester, *City-regional institution building in Manchester, UK: A social network approach to the New Partnership Governance Architecture.*

5535. Earning Your Varves (i.e. stripes) in a Geography Career: Effective Mentoring Relationships (Sponsored by Enhancing Departments and Graduate Education project (EDGE))

Room: Skybox 207, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Micheline Van Riemsdijk, University of Tennessee; Rosann Poltrone, Arapahoe Community College

Panelists: Diane M. Stanitski, Geocation, LLC; Steven Jennings, University of Colorado; Gerald R. Webster, University of Wyoming; Christian Sellar, University of North Carolina-Chapel Hill; Rosann Poltrone, Arapahoe Community College; Micheline Van Riemsdijk, University of Tennessee

5536. Research in Geographic Education II (Sponsored by Geography Education Specialty Group)

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Gillian Acheson, Southern Illinois University-Edwardsville

CHAIR(S): Gillian Acheson, Southern Illinois University-Edwardsville

3:10 Sarah Witham Bednarz*, Texas A&M University, *From This World To That Which is To Come: Geography for Life 2009.*

3:30 Catherine Carter*, University of Maryland, *Lessons Learned in Establishing a Professional Master's in GIS.*

3:50 Janet Stuhrenberg Smith*, Shippensburg University, *The Landscape of U.S. Geography Education.*

4:10 Gregory Haddock*, Northwest Missouri State University, *Spatial Analysis and the use of GIS in Higher Education Enrollment Management.*

4:30 Joseph J. Kerski, PhD.*, ESRI, *Evidence for an International GIS Education Community.*

5538. Vegetation Dynamics I (Sponsored by Biogeography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): William Flatley, Texas A&M University

CHAIR(S): David Cairns, Texas A&M University

3:10 Arvind Aniel Bhuta, M.S.*, Virginia Tech; Lisa M. Kennedy, PhD., Department of Geography, Virginia Tech; John S. Kush, PhD., School of Forestry and Wildlife Sciences, *Disturbance histories for old-growth montane longleaf pine stands in the Ridge and Valley of Alabama.*

3:30 Serena R. Aldrich*, Texas A&M University; Charles W. Lafon, Dr., Texas A&M University; Henri D. Grissino-Mayer, Dr., University of Tennessee Knoxville; Georgina G. DeWeese, Dr., University of West Georgia, *Role of Ericaceous Understory in Regeneration Potential of Keystone Species in Central Appalachian Mixed Pine-Oak Forests.*

3:50 Justin L Hart*, University of North Alabama; Saskia L van de Gevel, Appalachian State University; Henri D Grissino-Mayer, The University of Tennessee, *Facilitation, extirpation, and succession in a mixed hardwood forest of the Ridge and Valley, Tennessee.*

4:10 David M Cairns*, Texas A&M University; Charles W Lafon, Texas A&M University; Amanda B Young, Mount Allison University; Jon Moen, Umea University, *Influences of Reindeer Herbivory on Swedish Treelines.*

4:30 Sheila A Kazar*, West Virginia University, *Quantifying grassland carbon storage potential in surface minesites reclaimed to hayland/pasture using remote sensing and field data.*

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5539. James Anderson Distinguished Lecture in Applied Geography (Sponsored by Applied Geography Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Nairne Cameron, Algoma University

CHAIR(S): Nairne Cameron, Algoma University

Introducer: Marilyn A. Brown

3:30 Kingsley E. Haynes*, George Mason University, *The Geography of Infrastructure Evaluation*.

Discussant(s): Lay J. Gibson, University of Arizona

5540. Soils, Sediments, and Geoarchaeology I (Sponsored by Geomorphology Specialty Group, Paleoenvironmental Change Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Mike Benedetti, University of North Carolina

Wilmington; Carlos E. Cordova, Oklahoma State University

CHAIR(S): Mike Benedetti, University of North Carolina Wilmington

3:10 Sheryl Luzzadder-Beach*, George Mason University; Timothy Beach, Georgetown University, *Proxies of Formation and Land Use in a Maya Wetland Field Complex*.

3:30 Timothy Beach*, Georgetown University; Richard Terry, Brigham Young University; Clifford Brown, Florida Atlantic University; Sheryl Luzzadder-Beach, George Mason University, *Terra Preta in Maya Soils*.

3:50 David B. Wahl*, United States Geological Survey; Francisco Estrada-Belli, Boston University, *Prehistoric Environment and Settlement in the Holmul Region of the Southern Maya Lowlands*.

4:10 Carlos A. Rincon-Mautner, D.V.M., PhD*, Archaeological Research, Inc. Austin-Las Vegas; Stanton A. Cook, PhD., University of Oregon, *Interplay of Cultural Developments, Collapses and Erosion Cycles in the Mixtecan Highlands of the Sierra Madre del Sur and Tehuacan Valley, Mexico*.

4:30 Darrin Lowery, University of Delaware; Michael O'Neal*, University of Delaware, *The Loess and Archaeological Record of the Late Pleistocene through Early Holocene, Northwestern Delmarva Peninsula, USA*.

5543. Advancing methodology in youth geographies II

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Nancy Worth, University of Leeds; Matthew Higgs

CHAIR(S): Catherine Alexander, Durham University

3:10 Denise Hinton*, University of Liverpool, *'Where to begin?': A biographical approach to exploring youth mobility in Wales*.

3:30 Matthew Stephen Higgs*, University of Leeds, *"Hanging out with students on a night out": Acknowledging the methodological and practical issues of participant observation*.

3:50 Samuel Cortez*, San Diego State University, *Globalization and Mexican Immigrant Youth in the US/Mexico Border*.

Discussant(s): Rachel Pain, University of Durham

5544. Power, Social Justice and the Creative City: Part 2 (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): John Paul C. Catungal, University of Toronto;

Deborah Leslie, University of Toronto

CHAIR(S): John Paul C. Catungal, University of Toronto

3:10 Heather Elizabeth McLean*, York University, *The Politics of Creative Performance: Art on Trial for the Crime of Gentrification*.

3:30 Mark Davidson*, University of Western Sydney, *Classifying London: social division and space claims in the post-industrial city*.

3:50 Joshua Long*, Mount Holyoke College, *Resistance in the Creative Archetype: Lessons from the "success story" of Austin, Texas*.

4:10 Katharine N. Rankin*, University of Toronto, *The Contradictory Practices of Business Improvement Areas in the Creative City*.

4:30 Ryan J. Craven, BA*, Concordia University; Norma M. Rantisi, PhD, Concordia University, *The Opportunities and Challenges for Promoting Ethical Fashion in Montreal, Canada*.

5546. Negotiating change in the built and social landscapes of Chinese cities (Sponsored by China Specialty Group)

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Alana Boland, University of Toronto

CHAIR(S): Xiaobo Su, University of Oregon

3:10 Mingjie Sun*, University of California, Los Angeles, *How permanent and temporary migrants fare differently in Chinese city: A case study of Wuxi*.

3:30 Jia Feng*, Michigan State University, *Evolution of the night market and the city's coping strategies in Nanjing, China*.

3:50 Shenjing He*, Sun Yat-Sen University, *Property rights changes in China's urban villages and villagers' integration into urban economy*.

4:10 Xiaobo Su*, University of Oregon, *Urban Conservation in Lijiang, China: Negotiating economic agendas and power relations*.

4:30 Lanchih Po*, UC Berkeley, *Contested private homeownership in China's post-reform urban politics? the case of Beijing's Courtyard Houses*.

5547. Coastal and Marine Environments II (Sponsored by Coastal and Marine Specialty Group)

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Steven Namikas, Louisiana State University;

Jean Taylor Ellis, University of South Carolina

CHAIR(S): Paul A. Gares, East Carolina University

3:10 Richard C. Daniels, GISP*, Washington State Department of Transportation, *IPCC 2007 and the Validity of Previous Sea Level Rise Impact Assessments: The case of Galveston, Texas*.

3:30 James G Zoulas, PhD*, University of California, Los Angeles, *Beach response to coastal watershed development: do more houses mean wider beaches?*.

3:50 JARINA MOHD JANI*, University of Edinburgh, Scotland, UK; David Howard, Dr, University of Edinburgh, Scotland, UK; Elizabeth Olson, Dr, University of Edinburgh, Scotland, UK; Genevieve Patenaud, Dr, University of Edinburgh, Scotland, UK, *The Place of Artificial Reefs in the Lives of Fisherfolks in Terengganu, Malaysia*.

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4:10 Wesley Flannery*, National University of Ireland, Galway,
*Is there Stakeholder Support for Marine Spatial
Planning? Evidence from a small seaside community
in Ireland.*

**5548. The GeoTech Center: Helping Support Two Year College
Programs (Sponsored by Community College Affinity Group)**

Room: North Hall N109, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Kerry Lyste, Everett Community College; Ann
Johnson, ESRI
CHAIR(S): Ann Johnson, ESRI
3:10 Ann Johnson*, ESRI; Phillip Davis, Del Mar College, *The
GeoTech Center: Helping Support Two Year College
Programs.*
Introducer: Kerry Lyste

5549. Spatial Explorations in Being and Becoming Politica

Room: North Hall N110, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Michael Ripmeester, Brock University; Ebru
Ustundag, Brock University
CHAIR(S): Ebru Ustundag, Brock University
3:10 Phillip Gordon Mackintosh*, Brock University, *Walkway of
Apathy: Acknowledging the Sidewalk as the Ground for
Democracy in St. Catharines, Ontario.*
3:30 Katie Hemsworth, MA Candidate*, Brock University,
*Personal Soundscapes on Public Transit: Shifting
Relationships Between Music, Place and Self.*
3:50 Ebru Ustundag*, Brock University, *Becoming Nomadic
Subjects: Cartographies of Turkish Citizenship.*
4:10 Michael Ripmeester*, Brock University, *Missing memories:
exploring the politics of alternative mnemonic
landscapes.*

**5550. Political Geographies of the Other South (Sponsored by
Latin America Specialty Group, Ethnic Geography Specialty
Group)**

Room: North Hall N111, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Jose R. Diaz-Garayua, Kent State University;
Luis D. Sanchez, Florida State University
CHAIR(S): Carlos J. Guilbe, University of Puerto Rico
Introducer: Carlos J. Guilbe
3:15 Ivelisse R. Torres, Undergraduate Student*, University
of Puerto Rico; Roberto E. Morales, Undergraduate
Student, University of Puerto Rico; Mariolga Juliá,
Undergraduate Student, University of Puerto Rico,
Piñones; Race, Culture and Resistance.
3:35 Luis D. Sanchez*, Florida State University, *Nationalism
without a Nation.*
3:55 Jose R. Diaz-Garayua*, Kent State University, *The Struggle
against Colonialism in Puerto Rico: Landscapes from
"Plaza de Recreo" to "Plaza de la Revolución".*
4:15 Shawn M. Banasick*, Kent State University, *U.S. Military
Bases and the Politics of Place in Okinawa and
Vieques.*
Discussant(s): Carlos J. Guilbe, University of Puerto Rico

5551. The Economics of Knowledge

Room: North Hall N112, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): James M. Smith, Towson University
3:10 Sam Ock Park*, Seoul National Univ, *Reshaping Economic
Spaces in the Global Knowledge-based Economy: A
Theoretical Framework.*
3:30 Johanna Hautala*, International Knowledge Creation and
Ba. A Case Study from Finland.
3:50 Benjamin Spigel*, University of Toronto, *Proximity and
the Environments of Academic Knowledge Exchange.*
4:10 Agostino Mantegna*, UCLA, *Patterns of Skill Change in
the US Metropolitan Areas: 1980-2000.*
4:30 James M. Smith*, Towson University, *Post-Fordism,
Sectoral Change and Global Migration: The Socio-
Spatial Patterns of Chinese Migrants in Baltimore:
1990-2007.*

5552. Spaces of Food Production

Room: North Hall N113, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Gabriel L. Judkins, Arizona State University
3:10 Kim Pham*, California State University, Fullerton, *Urban
Ethnobotany: Vietnamese American Kitchen Gardens,
the Columbian Exchange, and Global Trade.*
3:30 Lucius Hallett, IV*, Western Michigan University,
*Investigating Kansas City Food Systems: Questioning
the Geographies of the "Local Trap."*
3:50 Lesley M. Head, Prof*, University of Wollongong; Alison
Gates, Dr, University of Wollongong; Jennifer
Atchison, Dr, University of Wollongong, *Fine-grained:
a closer look at climate change adaptation and risk
among Australian wheat farmers.*
4:10 Gabriel L Judkins*, Arizona State University, *Mexican
Produce Agriculture and Land Degradation: A Study of
Soil Salinization in the Mexicali Valley, Mexico.*

**5553. Hurricanes III: Climate Dynamics and Biotic Response
(Sponsored by Climate Specialty Group, Hazards Specialty
Group)**

Room: North Hall N114, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Kam-Biu Liu, Louisiana State University;
Harry Williams, University of North Texas
CHAIR(S): Cary J. Mock, University of South Carolina
3:10 Kevin Law*, Marshall University, *The Impact of Oceanic
Heat Content on the Rapid Intensification of Atlantic
Hurricanes.*
3:30 Jinwoong Yoo*, Louisiana State University; Robert V
Rohli, Louisiana State University, *Tropical Cyclone
Intensity Measurement by GPS Dropsonde.*
3:50 Robert V. Rohli*, Louisiana State University; Stephen
Caparotta, *The Madden-Julian Oscillation and Intense
Tropical Cyclone Frequency.*
4:10 Peter Hunt Yaukey, PhD*, University of New Orleans,
*Hurricane Rapid Growth Events and the Lunar
Synodic Cycle.*
4:30 Christopher M. Gentry*, Austin Peay State University;
James H. Speer, Indiana State University, *The
abatement of late season moisture stress by
hurricanes in Pinus palustris (longleaf pine) stands of
Southeastern Texas.*

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5554. Remote Sensing of the Cryosphere (Sponsored by Cryosphere Specialty Group, Remote Sensing Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Elias Deeb, University of Utah

CHAIR(S): Elias Deeb, University of Utah

3:10 Ann C Bryant*, University of Utah, *Impact of Sub-Pixel Topographic Variation in Snow-Covered Area Modeling.*

3:30 John Adler*, NOAA / CIRES; R. Ian Crocker, CU Boulder, *LIDAR Mapping of a Greenlandic Supraglacial Lake Region near the Jakobshavn Isbrae.*

3:50 John Heinrichs*, Fort Hays State University; James C Clare, Fort Hays State University, *Icesat Observations of The Spatial Pattern of Ice Thickness In And Around Polynyas.*

4:10 Shrinidhi Ambinakudige*, Mississippi State University, *Estimation of Planimetric and Volumetric Changes in Gangotri Glacier in Himalayas using Multi-spectral Satellite Images.*

4:30 Ramesh P. Singh*, Chapman University; Anup K Prasad, Chapman University; Ritesh Gautam, NASA, Goddard Space Flight Center, Greenbelt, Maryland; J. Senthil Kumar; Menas Kafatos, Chapman University, *Declining Trend of the Himalayan Snow Cover Observed from Multi Sensor Data.*

5555. Modeling Geographic Complexity 2 (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: North Hall N116, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Suzana Dragicevic, Simon Fraser University; Tom Evans, Indiana University

CHAIR(S): Peter J. Deadman, University of Waterloo

3:10 Andrew Crooks*, University College London; Andrew Hudson-Smith, Dr, University College London, *Agents in the City: Modeling and Visualizing Emergent Phenomena.*

3:30 Christopher Bone*, Simon Fraser University; Suzana Dragicevic, PhD., Simon Fraser University, *An Agent-based Model For Multi-objective Urban Growth.*

3:50 Scott Brown*, Arizona State University; Paul M. Torrens, PhD., Arizona State University; Haojie Zhu, Arizona State University; Xun Li, Arizona State University, *Influence of human sociality on group pedestrian motion.*

4:10 Bin Jiang, University of Gävle; Bin Jiang*, University of Gaule, *Self-organized streets and street hierarchies.*

4:30 Paul Torrens*, Arizona State University; Aaron McDaniel, SPADAC, Inc., McLean, VA; Atsushi Nara, National Institute of Advanced Industrial Science and Technology, Tokyo, Japan, *Modeling complex crowds with anti-social agents.*

5556. Indigenous Peoples and Protected Areas: Conservation Through Self-Determination II (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Stan Stevens, University of Massachusetts

CHAIR(S): Stan Stevens, University of Massachusetts

3:10 Jessica M Dolan*, McGill University, *Cree Heritage in a Proposed Marine Protected Area in Eastern James Bay, Canada.*

3:30 Mario Cardozo*, University of Texas, *Exclusionary versus Participatory Conservation Approaches: Resource Use Conflicts among Traditional Communities in the Peruvian Amazon.*

3:50 Emily Caruso*, University of Kent, *Indigenous co-management of protected areas: experiences from the Ashaninka Communal Reserve in the Peruvian Amazon.*

4:10 Abidah Billah Setyowati*, Geography Department, Rutgers University, *Adat, Indigenous Movement and the Failure of Conservation Initiatives in Siberut, Indonesia.*

4:30 Sharlene Mollett, PhD*, Dartmouth College, *Mapping Conundrums in the Rio Platano Biosphere Reserve: The politics of mapping indigenous and Afro-indigenous space.*

5557. International Planning and Urban Issues (Sponsored by Development Geographies Specialty Group, Latin America Specialty Group)

Room: North Hall N118, Las Vegas Convention Center (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

3:10 L. Marcela Lopez Mares*, University of Illinois at Chicago, *How is the space of informality conceived? formal and informal discourses.*

3:30 Nancy Wehbbé*, PhD candidate, Faculty of Environmental Design, University of Montreal; nancy wehbbé, PhD candidate, Faculty of Environmental Design, University of Montreal, *Participatory Budgeting as a tool to improve the living conditions in Latin American disadvantaged neighbourhoods.*

3:50 Ashima Sood*, Tarun Jain, University of Virginia, *Regulation and migration in the informal sector: The case of the cycle-rickshaw rental market.*

4:10 Ana Maria Bonomi Barufi*, University of São Paulo, Brazil; Eduardo Amaral Haddad, University of São Paulo, Brazil; Antonio Páez, McMaster University, *From good to great: development and growth in Brazilian Minimum Comparable Areas in the last decades.*

4:30 Vickie McBride, Texas Southern University; Lalita Sen*, Texas Southern Univ; Paul Suckow, Texas Southern University, *Does the country of origin play a role in the choice made by Hispanics to use "contract for deed" form of home purchase? An analysis of data from Harris and Fort Bend Counties in South East Texas.*

5558. Critical perspectives on Disaster Relief (Sponsored by Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Anu Sabhlok, University of Louisville

3:10 Kanchan Gandhi, National University of Singapore

3:25 Kevin Grove, Ohio State University

3:40 Kamal Kapadia, University of California, Berkeley

Discussant(s): Anu Sabhlok, University of Louisville

Panelists: Ben Wisner, Independent Scholar; Jennifer L. Fluri, Dartmouth College

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- 5559. Ethnographies of conservation: Understanding the institutions of global biodiversity conservation--Panel II (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)**
- Room:** North Hall N120, Las Vegas Convention Center (Paper Session)
- ORGANIZER(S):** Catherine Corson, University of California, Berkeley; Noella Gray, Duke University
- CHAIR(S):** Lisa Campbell, University of Western Ontario
- 3:10** Peter Brosius*, University of Georgia, *Making Sense of Barcelona: Collaborative Event Ethnography of the 4th World Conservation Congress.*
- 3:30** Elizabeth Hennessy*, University of North Carolina Chapel Hill, *Institutions and Ethnography: Exploring the Governance of Crisis in the Galapagos Islands.*
- 3:50** Sarah Milne*, University of Cambridge, *Putting 'global conservation' into practice: ethnographic insights into transnational policy implementation.*
- 4:10** Arielle Levine*, Pacific Islands Fisheries Science Center, *Institutional dynamics shaping marine biodiversity conservation in the Samoa Islands.*
- 4:30** Catherine Corson, Dr. *, University of Cambridge, *Scaling-Up Conservation Critique: The Transnational Politics of Biodiversity Funding in Madagascar.*

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- 5601. IJURR Lecture -- Itineraries of Recognition: Cities and the Geography of Authoritative Knowledge (Sponsored by Wiley-Blackwell)**
- Room:** Grande Ballroom C, Riviera Hotel, 1st Floor (Panel Session)
- ORGANIZER(S):** Roger Keil, York University
- CHAIR(S):** Roger Keil, York University
- Panelists:** Ananya Roy, University of California - Berkeley
- Eric K Craft***, University of Wisconsin-Eau Claire; Harry M Jol, University of Wisconsin- Eau Claire; Timothy G Fisher, University of Toledo; Walter L Loope, United States Geological Survey; Melinda Campbell, University of Toledo, *Ground Penetrating Radar Imaging of a Cuspate Foreland, Sand Point, Michigan.*
- Yuliang Chen***, Yixin Luo; Gregory W Stone, *An Ocean Observation and Forecasting System for the Southeastern United States.*
- TJ Malone***, Western Kentucky University; Josh Durkee, Western Kentucky University, *A Case Study Comparison of Convective vs. Non-convective Wind Induced Seiches on the Great Lakes.*
- Garrett Mitchell***, University of Maryland, College Park, *Rift interaction at the Galapagos triple junction.*
- Alice V. Turkington***, University of Kentucky, *Assessing the role of weathering on shore platforms in New Zealand.*
- Michael E Bigsby***, Department of Geography, Michigan State University; Alan F Arbogast, Department of Geography, Michigan State University; Ashton M Shortridge, Department of Geography, Michigan State University, *Calculating Sand Volumes in Coastal Dunes along the Eastern Shore of Lake Michigan.*
- Alan F. Arbogast***, Department of Geography, Michigan State University; George W. Monaghan, University of Indiana; William A. Lovis, Department of Anthropology, Michigan State University, *Geomorphic Evolution of Coastal Dune Fields in the Northeastern Part of the Lake Michigan Basin: The Relationship to Lake Levels and Isostatic Rebound.*
- Jenna Beauchamp***, Calvin College; Florence R. Van Baak, Calvin College; Deanna van Dijk, PhD, Calvin College, *Creating a Dune Features Inventory (DFI) for Michigan Coastal Dunes.*
- Austin Edward Byers***, Towson University, *Quantitative Evaluation of Rapid Stream Channel Stability Assessments.*
- 5602. Trade and New Technologies**
- Room:** Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)
- ORGANIZER(S):** Program Committee
- CHAIR(S):** James Lewandowski, West Chester University
- 5:20** Ana Vera-Martin*, Universitat Autònoma de Barcelona; Montserrat Pallarès-Barbera, Universitat Autònoma de Barcelona, *Olive Oil Traceability, Markets and Small Firms.*
- 5:40** Deidre Marie Peroff*, Western Washington University, *Eco-Palms: Determining the Market for Certified Chamaedorea Palms in Western Washington.*
- 6:00** Nedham Alshafai*, Qatar University, *The international trade of the State of Qatar 1995-2005.*
- 6:20** James P. Lewandowski*, West Chester University, *New Trade Theory, Sclae Economies and the Geography of Intrafirm Trade.*
- 5603. Geomorphology and Coastal and Marine**
- Room:** Grande Ballroom EF, Riviera Hotel, 1st Floor (Poster Session)
- ORGANIZER(S):** Program Committee
- Angira Baruah***, University of Maryland, College Park, *Impacts of land use and land cover change on chlorophyll blooms in the Gulf of Mexico.*
- Rebecca Whitton***, Texas State University - San Marcos, *Land Use and Environmental Change in Dubai, United Arab Emirates.*
- Anthony O. Gabriel***, Department of Geography - Central Washington University, *Management of Coastal Processes and Stresses in Washington State Parks.*

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- Colin Belby*, University of Wisconsin - Madison, *Impacts of Hydrologic and Land Use Changes on Upper Mississippi River Floodplain Sediment Nutrients*.
- John D Vitek, PhD*, retired; Adjunct Professor- Geology & Geophysics Texas A&M U.; Rick Giardino, PhD, Geology & Geophysics Texas A&M University; Netra Regmi, Graduate Student - Geology & Geophysics Texas A&M Univ., *Debris Flow into the Savage River, Denali National Park, AK*.
- Jake E. Haugland, PhD*, University of Nevada, Reno, Department of Geography; Bronwyn S Owen Haugland, PhD, Department of Physical Sciences, Truckee Meadows Community College, *Spatial Extent of Pocket Gopher (Thomomys talpoides) Disturbance on Pedogenic Development: a Methodological use of a Soil Index (PDI)*.
- Jacqueline Gallagher, PhD*, University of Mary Washington; Joseph W. Nicholas, PhD., University of Mary Washington, *200 years of human intervention: assessing impacts on a fluvial system; Hazel Run, Fredericksburg, VA*.
- Patricia Julio-Miranda*, CCSyH, Universidad Autónoma de San Luis Potosí, México; Hugo Delgado-Granados, Instituto de Geofísica, Universidad Nacional Autónoma de México; Azalea Ortiz-Rodriguez, CCSyH, Universidad Autónoma de San Luis Potosí, México; Fernando Hernández-Martínez, CCSyH, Universidad Autónoma de San Luis Potosí, México; Gerardo Palacio-Aponte, CCSyH, Universidad Autónoma de San Luis Potosí, México, *Shield volcanoes of Mexico: a morphometric approach (preliminary data)*.
- Paul F. Hudson*, Department of Geography and the Environment, University of Texas at Austin; Maraigh Leitch, Department of Geography and the Environment; University of Texas at Austin, *Geomorphic and Hydrologic Variability of Floodplain Lakes Along Texas Coastal Plain Rivers*.
- Phillip H Larson*, Arizona State University; Ron Dorn, Arizona State University; Elyssa Gutbrod, Arizona State University; Stephen Gibson, Arizona State University; Emma Harrison, Arizona State University; Mark Schmeeckle, Arizona State University, *Introduction to Geomorphology: An Online SQ Experience*.
- Patrick Alan Danielson*, South Dakota State University; Norman B Bliss, ASRC, contractor to the USGS Earth Resources Observation and Science (EROS) Center., *Using a new topographic slope method to map the extent of a historical flood*.
- Douglas J. Faulkner, PhD*, University of Wisconsin-Eau Claire; Nicholas Edward King, University of Wisconsin-Eau Claire; Amy E Wichlacz, University of Wisconsin-Eau Claire, *Planimetric Channel Change along the Lower Chippewa River in West-Central Wisconsin, 1938-2005*.
- Graham K Dalldorf*, Desert Research Institute; Todd G. Caldwell, Desert Research Institute; Steven N. Bacon, Desert Research Institute; Michael H. Young, Desert Research Institute; Julianne J. Miller, Desert Research Institute; Eric V. McDonald, Desert Research Institute, *Rapid Characterization of Runoff Potential on Arid Alluvial Fans using Terrain Prediction and Geomorphic Mapping*.
- Michael Rivera-De Jesús*, Undergraduate Student, University of Puerto Rico - Rio Piedras Campus; Enid Rodriguez Garcia*, Undergraduate Student, University of Puerto Rico - Rio Piedras Campus, *Ecotourism in "Cueva Ventana": A paradise in the Northern Karst Region in Puerto Rico*.
- Carol P. Harden*, University of Tennessee; Keri Chartrand, Tennessee Valley Authority; Erich Henry, Blount County Soil Conservation District, *Multiple Processes of Streambank Change in Tributaries of the Little River, Tennessee*.
- James A Hyatt, PhD*, Eastern Connecticut State University; Andy Jones, M.F.A., Eastern Connecticut State University; Craig Naumec, Eastern Connecticut State University, *Developing Interdisciplinary Multimedia Resources that Examine the Geomorphology of Providence Canyon State Park, Southwest Georgia*.
- Ross J. Guida*, University of Wisconsin- Eau Claire; Harry M. Jol, PhD, University of Wisconsin- Eau Claire; Douglas J. Faulkner, PhD, University of Wisconsin-Eau Claire, *Ground Truthing GPR Profiles: Half Moon Lake, Eau Claire, Wisconsin*.
- J. Michael Daniels*, University of Denver, *Channel Migration and Bank Erosion along Savery Creek, Wyoming*.
- Michael Anthony Gregorio, Ohio University; Dorothy Sack*, Ohio University, *Effects of Channelization at Athens, Ohio, on the Downstream Planform of the Hocking River*.
- James F. Petersen*, Texas State University - San Marcos; Rainer Duttmann, Christian-Albrechts-University of Kiel, *Eolian Contributions to Soil Development in the Vernal Pools of Enchanted Rock, Texas*.
- Benjamin M Young*, University of Wisconsin-Eau Claire; Danielle Swartz, University of Wisconsin-Eau Claire; Garry Running, PhD, University of Wisconsin-Eau Claire; Doug Faulkner, PhD, University of Wisconsin-Eau Claire; Harry Jol, PhD, University of Wisconsin-Eau Claire, *Soils and Subsurface GPR Imaging of Fluvial Terraces in the Lower Chippewa River Valley, WI*.
- Jason F. Hoorn*, San Francisco State University, Department of Geography and Human Environmental Studies; Jerry Davis, San Francisco State University, Department of Geography and Human Environmental Studies; Leonhard Blesius, San Francisco State University, Department of Geography and Human Environmental Studies; Marc Kramer, University California, Santa Cruz, Department of Earth and Planetary Sciences, *Sediment Dynamics of an Invasive Species: Stream Channel Response to Tamarisk Infestation*.
- Joseph W. Nicholas*, University of Mary Washington; James Blacker, University of Mary Washington; Michael Harrison, University of Texas at San Antonio, *Modeling the -4C Isotherm in the La Sal Mountains, Utah, USA*.

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ORGANIZER(S): Eungul Lee, University of Wisconsin-Madison; Trent Biggs, San Diego State University

CHAIR(S): Trent Biggs, San Diego State University

5:20 Eungul Lee*, Center for Sustainability and the Global Environment (SAGE), University of Wisconsin-Madison; Thomas N. Chase, Cooperative Institute for Research in Environmental Sciences (CIRES), University of Colorado, Boulder; Balaji Rajagopalan, Cooperative Institute for Research in Environmental Sciences (CIRES), University of Colorado, Boulder, *Land surface effects on the northern East Asian summer monsoon.*

5:40 Huqiang Zhang*, Centre for Australian Weather and Climate Research, *Physics and Dynamics of the Impacts of Land-Use on the Asian Monsoon Climate.*

6:00 John D Frye*, Department of Geography, Kutztown University, *Convective Initiation Along Soil Moisture Boundaries in the Southern Great Plains.*

6:20 Jie Song*, Northern Illinois University; Beth Drewniak, Argonne National Laboratory; Jenni Prell, Northern Illinois University; Rao Kotamarthi, Argonne National Laboratory; Rob Jacob, Argonne National Laboratory, *Modeling Carbon and Water Budgets in Current and Future Agricultural Land Use.*

6:40 Trent W Biggs*, San Diego State University, *Irrigation and heat fluxes: Comparison with atmospheric forcing in India.*

5605. Religion, Place and Politics**Room:** Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Parr

5:20 James Stephen Corah*, University of Nottingham, *Financing God: Resolving the tensions of God and Mammon in the Investment Practices of the Church of England and Baptist Union of Great Britain.*

5:40 John W McEwen*, Florida State University, *A Blip in the Bible Belt, John W. McEwen, Florida State University.*

6:00 Samuel Smith*, *The WASP in the Beehive: Non-Mormon Salt Lake City in the 1880s.*

6:20 Mark A. Hummer*, University of Kansas, *Salt Lake City: A Tale of Two Urban Cultures.*

6:40 David A Parr*, Texas State University-San Marcos, *Migration into the Thirdspace.*

5606. Feminist Engagements with the Geopolitical**Room:** Royale Pavilion 1, Riviera Hotel, 1st Floor (Panel Session)

ORGANIZER(S): Deborah Dixon

CHAIR(S): Deborah Dixon

Panelists: Sara Koopman, University of British Colombia; Anna J Secor, University of Kentucky; Joanne P. Sharp, University of Glasgow; Carolyn Gallaher, American University; Sallie A. Marston, University of Arizona

5607. Political and Social Networks**Room:** Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): George F. Botjer, University of Tampa

5:20 Chi-Mao Wang*, Department of Geography, National Taiwan University; Sue-Ching Jou, National Taiwan University, *Muffling the resistant voice: Guanxi as governmentality in rural Taiwan.*

5:40 Valeria Pecorelli*, Loughborough University-geography dept-Uk, *Social movements articulating constructive resistance.*

6:00 Richard Medina*, University of Utah, *Sociospatial Analysis of the al-Qaeda Terrorist Network.*

6:20 George F. Botjer*, University of Tampa, *Political Geography of Iraqi Oil Shipping Networks.*

5608. The 'Market' Reconsidered III (Sponsored by Economic Geography Specialty Group)**Room:** Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Andrew Jones, Birkbeck, University of London; Christian Berndt, Universitaet Frankfurt

CHAIR(S): Christian Berndt, Universitaet Frankfurt

5:20 Karen Hebert*, Program in Agrarian Studies, Yale University, *Conundrums of Quality: Reimagining the Market in the Southwest Alaskan Salmon Industry.*

5:40 Kevin St. Martin*, Rutgers University; Robert Snyder, Island Institute, *Fishing for the Future: Enacting Alternative Markets and Community Economies in the Fisheries of New England.*

6:00 Peter Lindner*, University of Frankfurt; Stefan Ouma, University of Frankfurt, *Moving the Margins of Markets: Smallholders, NGOs and Global Agribusiness in Northern Ghana.*

6:20 Cristina Scarpocchi*, University of Valle D'Aosta; Paolo Giaccaria, University of Turin, *Local Economic Development and the post-Washington consensus: the case of Egypt.*

6:40 Kevin Gould*, Dartmouth College, *Land market performances: contemporary land policy in northern Guatemala.*

5609. Media(ting) Migration: Mobility, Inclusion and Popular Culture (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)**Room:** Royale Pavilion 4, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Mary Gilmartin, NUI Maynooth; Susan P. Mains, University of the West Indies-Mona

CHAIR(S): Mary Gilmartin, NUI Maynooth

5:20 Mary Gilmartin*, NUI Maynooth, *Local Lives and National Crises: Representing Lithuanians in the Irish press.*

5:40 Elizabeth Mavroudi*, Loughborough University, *Depicting migrants in contradictory ways: The 'Athens News' and its 'community' section.*

6:00 Liana Vasseur*, University of Kentucky, *"They're not even sunburned": the body, authenticity, and Cuban migrants to South Florida.*

6:20 Susan P. Mains*, University of the West Indies-Mona, *Returning to Jamaica: Representing Urban Spaces of Diaspora and Development.*

6:40 Harald Bauder*, Ryerson University, *The Economic Case for Immigration: Neoliberal and Regulatory Paradigms in the Press.*

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ORGANIZER(S): David M. Mark, University at Buffalo; Boyan Brodaric

CHAIR(S): Martin Raubal, University of California, Santa Barbara

5:20 Karen Kemp, PhD*; Naicong Li, PhD, University of Redlands; Robert Raskin, PhD, Jet Propulsion Lab, *Design considerations for the spatial decision support ontologies.***5:40** Yuxia Huang*, GIScience program, Department of Computing Science, Texas A&M University- Corpus Christi, *Automatic Construction of a Domain Ontology from Text.***6:00** Edward Heath Robinson*, University at Buffalo, The State University at New York, *The State as an Organization: An Ontological Examination.***6:20** Karl Grossner*, University of California, Santa Barbara, *An Ontology-driven Data Model of the 2008 US Presidential Election Cycle.***6:40** Renee Sieber*, McGill University, *Ontology-driven cyberinfrastructures for the Spatial Social Sciences and Humanities.***5612. US Economic Geography****Room:** *Royale Pavilion 7, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bruce W. Smith

5:20 Dennis Stockinger*, Leibniz University Hannover, Institute of Economic and Cultural Geography, *Action spaces of U.S. cluster policy - An analysis of institutional and political-economic processes in North Carolina, Oregon and Pennsylvania.***5:40** Frederick A Day, PhD., Texas State University-San Marcos; James Vaughan, PhD*, Texas State University-San Marcos, *Regional Growth and Landscape Change: The Austin-San Antonio Corridor.***6:00** Bruce W. Smith*, Bowling Green State University; John R. Bryson, The University of Birmingham; Michael C. Carroll, Bowling Green State University; Neil Reid, The University of Toledo; Michael Taylor, The University of Birmingham, *The Contractual Foundations of an Industrial Cluster; The Maumee Valley Growers' Gas Program.***5613. Queer Visibilities: Space, Identity & Interaction in Capetown' by Andrew Tucker: Author Meets Interlocutors Panel (Sponsored by Sexuality and Space Specialty Group, Qualitative Research Specialty Group)****Room:** *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Panel Session)

ORGANIZER(S): Michael P. Brown, University of Washington

Panelists: Glen Elder, University of Vermont; Natalie Oswin, McGill University; Todd Faubion; Sharad Chari, London School of Economics & University of KwaZulu-Natal; Andrew R. Tucker, Cambridge University

5614. Refugee and Human Rights Issues**Room:** *Capri 101, Riviera Hotel, 1st Floor* (Paper Session)

CHAIR(S): Chris Ulack, University of Texas at Austin

5:20 L. Joe Morgan, PhD*, University of North Carolina At Greensboro, *Potential Privacy Concerns: Issues of human rights and change in the newly emerging democracy of Bhutan.***5:40** Jonathan Roux*, Concordia University, *Personal Narratives of Place and Belonging after a Trauma: Life Stories of Haitian Refugees in Montreal.***6:00** Syed Samad Uddin-Ahmed, Project Leader & MPPIA candidate*, William Paterson University, *"Projects Abroad Human Rights: The Case of The Youngsfield Military Base Refugees in Cape Town, South Africa."***6:20** Chris Ulack*, University of Texas at Austin, *The Iraqi Refugee Crisis: American Resettlement Policy and Practice.***6:40** Lars Bromley, American Association for the Advancement of Science, *Closing Remarks***5616. Journal of Geography in Higher Education Annual Lecture: What We're Learning About e-Learning (Sponsored by International Network for Learning and Teaching Geography in Higher Education)****Room:** *Capri 103, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Bob Bednarz, Texas A&M University

CHAIR(S): Derek France, University of Chester

5:20 David DiBiase*, Penn State University, *Journal of Geography in Higher Education Annual Lecture: What We're Learning About e-Learning.***5617. Topics in GIS****Room:** *Capri 104, Riviera Hotel, 1st Floor* (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Luyao Chen, Texas A&M University - College Station

5:20 Perumal Balakrishnan*, Qatar University; Muhammad Khalifa Al-Kuwari, Qatar University; Nasser Abdallah Obaidan, Qatar University, *Monitoring Urban Growth of a Desert City through Remote Sensing and GIS: Greater Doha, The State of Qatar.***5:25** Yi Qi*, Wei Luo, *Improved Two Step Floating Catchment Area Method.***5:30** Barbara Zennaro*, American Samoa Environmental Protection Agency, *A GIS approach to water quality management in American Samoa.***5:35** Adesope Olugbenga*, University of Ibadan, Nigeria, *Location-Allocation Analysis of Telecommunication Infrastructure Facilities for Sustainable Development in Urban Nigeria.***5:40** Joe Bowersox, PhD*, Willamette University, *Forest, Ownership, and Regulatory Change in Monmouth Township, Oregon.***5:45** Luyao Chen*, Texas A&M University - College Station, *An Improved Dijkstra Algorithm for Optimizing Urban Traffic Network.***5:50** Jialing Wang*, Slippery Rock University of Pennsylvania, *Integration of Remote Sensing and GIS for Urban Population Distribution Modeling and School Proximity Analysis.***5:55** Adam Drackley*, McMaster University, *AgMet System - An Automated Preprocessing System for Weather Forecast Data.*

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5618. Population Growth and Decline

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Brad Dearden, University of Maine at Farmington

5:20 Jitka Rychtarikova*, Charles University in Prague, Faculty of Science, Department of Demography and Geodemography, *Population Aging a Common Challenge for Europe.*

5:40 Frank Swiaczny*, Federal Institute for Population Research, Germany, *Implications of demographic change for civil society in Germany.*

6:00 Jared Powell*, University of Arizona; David Plane, University of Arizona, *The Influences of Metropolitan Size and Race on the Timing of Parity-Specific Fertility.*

6:20 Harry F. Lee*, The University of Hong Kong; David D. Zhang, The University of Hong Kong; Lincoln Fok, The University of Hong Kong, *Temperature, Aridity Threshold, and Population Growth Dynamics in China over the Last Millennium.*

6:40 Brad Dearden, Associate Professor*, University of Maine at Farmington; David Irwin, Student, University of Maine at Farmington; Kevin Knight, Student, Northland Baptist Bible College; Addie Qualey, Gorham Savings Bank, *The Unmet Need for Family Planning in a Maya Community: Contraceptive Awareness, Prevalence and Attitudes in Comalapa, Guatemala.*

5619. Responsibilization of Petropolitics: Finance, Violence, and Discourses of Security (Sponsored by Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group)

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Mazen Labban, University of Miami; Nayna Jhaveri, Colgate University

CHAIR(S): Mazen Labban, University of Miami

Introducer: Nayna Jhaveri

5:27 Matthew T Huber*, Clark University, *Oil and Hegemony: A Gramscian Approach to the Petroleum Industry.*

5:44 Mazen Labban*, University of Miami, *Energy security, finance and the restoration of regional class power.*

6:01 Berit Kristoffersen*, University of Tromsø; Gunhild Hoogensen, University of Tromsø, *Arctic Security.*

6:18 Nayna Jhaveri*, Colgate University, *Neocolonial Contracts: American Hegemony and Iraqi Oil.*

5620. Wetlands and Remote Sensing

Room: Capri 107, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Qian Yu, University of Massachusetts

5:20 Junli LI*, Department of Geography, 1255 Bunche Hall, University of California, Los Angeles (UCLA), CA 90095; Yongwei Sheng, Department of Geography, 1255 Bunche Hall, University of California, Los Angeles (UCLA), CA 90095, *Lake Dynamics in the Tibetan Plateau over the past ~30 years Using Landsat.*

5:40 Leanne Sulewski*, University of North Carolina at Greensboro, *The Disappearing Act: Quantifying Thermokarst Change in and Around Campsite Lake, Alaska.*

6:00 Prasad A Pathak, PhD Graduate Student*, University of North Carolina at Greensboro, *Exploring impacts of landscape factors on lake primary productivity in Toolik Lake region, Alaska.*

6:20 Qian Yu*, University of Massachusetts; 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, *Evaluation of hyperspectral characteristics for floating aquatic vegetation in the Assabet River Massachusetts.*

6:40 Chintan A. Shah*, University of California Los Angeles; Yongwei Sheng, PhD., University of California Los Angeles, *An Image Adaptive Physical Model for Regional-scale High-latitude Wetland Mapping and Change Assessment using Multi-temporal Remote Sensing Images.*

5622. Improving the Depiction of Climatic Phenomena

Room: Capri 109, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Glen Conner, Western Kentucky University

5:20 Nancy J. Selover*, Arizona State University, *Importance of Surface Networks for Climate Monitoring in the Southwest.*

5:40 Jeffrey C Brunsell*, Bloomsburg University of Pennsylvania, *A Comparison of the Qualitative and Quantitative Descriptions That Local Television Weather Forecasters Use to Describe Temperature.*

6:00 Xingong Li*, Department of Geography, University of Kansas; Donna Tucker, Department of Geography, University of Kansas, *Precipitation Events? Their Dynamics and Movement.*

6:20 Lesley-Ann Dupigny-Giroux*, University of Vermont, *A new indicator-based drought index for quantifying spatio-temporal fluctuations in 18th century New England.*

6:40 Glen Conner*, Western Kentucky University, *The Army Surgeon General's Climate Network: Nineteenth Century Observations.*

5624. Topics in Water Resources 2

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Janet H. Gritzner, South Dakota State University

5:20 Sumantra Chatterjee*, Wright State University; Doyle Watts, Wright State University; Thaddeus Tarpey, Wright State University; Subramania Sritharan, Central State University, *A multiple regression model for evapotranspiration from the Palo Verde Irrigation District in California, using MODIS EVI and available meteorological data.*

5:40 Bhuiyan M Alam, PhD*, University of Toledo, *People's Perception about Contributing Factors for Arsenicosis in Rural Bangladesh.*

6:00 Bryan Poirier, PhD*, University of Waterloo, *Water, Politics and Aquatic Ecosystem Protection in the Oldman River Basin, Alberta: A Contextual-Institutional Perspective.*

6:20 Xiaofang Wei, PhD*, Central State University; Subramania I. Sritharan, PhD., Central State University; Andy French, PhD., Bureau of Reclamation; David Eckhardt, PhD., Bureau of Reclamation; Chris Neale, PhD., Utah State University; Ramani Kandiah, PhD., Central State University, *Atmospheric Correction of Landsat TM Data for Evapotranspiration Estimation of the Riparian Vegetation in Lower Colorado River.*

6:40 Janet H. Gritzner*, South Dakota State University; Bruce V Millett, South Dakota State University, *Modeling Surface-flow Characteristics of the Prairie Pothole Region.*

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5625. Issues in Health Mapping

- Room:** Capri 113, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Marina Gavrilova, University of Calgary
5:20 Peter Keller*, University of Victoria; Les Foster, University of Victoria, *Mapping Wellness in British Columbia*.
5:40 Renata V. Wasley, HBA, MA Candidate*, University of Western Ontario; Isaac Luginaah, PhD, University of Western Ontario, *HIV/AIDS Epidemic in Ukraine: Examining the Attitudes and Perceptions among Orphans in Internaty*.
6:00 Peter Hayward*, University of Connecticut; Jeffrey Osleeb, University of Connecticut, *The Modifiable Areal Unit Problem (MAUP) and Health Disparities*.
6:20 Marina Gavrilova*, University of Calgary; Mathieu Giroud, tehcnical University of Fribourg; William Ghali, University of Calgary; Johnsen Ottar, Technical University of Fribourg, *Conceptual Floor Plan Model Representation for Medical Applications*.

5626. Considering Gramsci's Spaces II (Sponsored by Socialist and Critical Geography Specialty Group)

- Room:** Capri 114, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Oliver Christian Belcher, University of British Columbia
 CHAIR(S): Oliver Christian Belcher, University of British Columbia
5:20 Joel D Wainwright*, The Ohio State University, *On the nature of Gramsci's conceptions of the world*.
5:40 Geoff Mann*, Simon Fraser University, *Gramsci, Colletti, and the Left*.
6:00 Jim Glassman*, University of British Columbia, *Cracking Hegemony*.
6:20 Alex Loftus*, Royal Holloway, University of London, *Gramsci, Nature and the Philosophy of Praxis*.
 Discussant(s): Maurice Finocchiaro, University of Nevada, Las Vegas

5627. Youth Participation in Neighborhood and Community Settings: Part II (US & Intl) (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group)

- Room:** Capri 115, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Yvonne Hung, CUNY Graduate Center
 CHAIR(S): Penny Travlou
5:20 Robin A. Kearns*, University of Auckland; Karen Witten, Massey University; Hector Kaiwai, Massey University; Victoria Jensen, Massey University, *Talking the walk: Embracing complexity in the quest to understand children's experience of neighbourhood in Auckland, New Zealand*.
5:40 Janet Loebach*, University of Western Ontario; Jason Gilliland, University of Western Ontario, *Child Guides: The use of child-led walking tours as a participatory protocol for neighbourhood research and evaluation with children and youth*.
6:00 Andrew Jon Turgeon*, University of Vermont, *Youth and their Rural Place: An Examination of Teenagers' Geographies in Bennington*.
6:20 Lia D Shimada*, University College London, *"Changing Places, Changing Lives": Young people, identity and peace-building in Northern Ireland*.
6:40 Andrew Thomas Warren*, University of Wollongong, *Sites of youth, sites of creativity: young people in the creative life of the Illawarra Region, NSW Australia*.

5628. The right to the city: from the right to occupy towards the right to 'survive' (Sponsored by Urban Geography Specialty Group)

- Room:** Capri 116, Riviera Hotel, 1st Floor (Paper Session)
 ORGANIZER(S): Peter Hossler, University of Georgia
 CHAIR(S): Nina Martin, University of North Carolina at Chapel Hill
5:20 Rich Heyman*, University of Texas at Austin, *Worker Centers: Public Space and Immigrant Rights to the City*.
5:40 Tovi Fenster*, Tel Aviv University, *The Right to the Gendered City: Different Formations of Belonging in Everyday Life*.
6:00 Peter Hossler*, University of Georgia, *The 'right to the city' and Milwaukee's changing health care delivery system*.
6:20 Trushna Parekh*, University of Kentucky, *of Armed Guards and Kente Cloth in Post Katrina New Orleans: The Battle for St. Augustine Parish*.
 Discussant(s): Mark H. Purcell, University of Washington

5630. Geographies of Education III: Pedagogy, Policy and Power (Sponsored by Population Specialty Group, Political Geography Specialty Group, Socialist and Critical Geography Specialty Group)

- Room:** Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Suzanna Klaf, The Ohio State University; Tricia Ruiz, University of Washington
 CHAIR(S): Valerie Ledwith, National University of Ireland, Galway
5:20 Kathy Reilly, BA. H.Dip(ed)*, National University of Ireland Galway, Ireland, *The Role of School in Constructing a Rhythm for Everyday Life*.
5:40 Amy S Avery, MS Candidate*, Penn State University, *Geography of Education: A case study of the infrastructure of homeschooling in three Virginia communities*.
6:00 Christopher Riley*, Ohio State University - Geography, *Finding Foucault in High-Stakes Accountability Measures: The Possibilities for Resistance Inherent at the Scale of the District*.
6:20 Suzanna Klaf*, The Ohio State University, *Holding Public Schools Accountable: Policy, Power, and the Inner City*.

5631. Disease Ecology (Sponsored by Medical Geography Specialty Group)

- Room:** Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Cathleen McAnneny, University of Maine at Farmington
 CHAIR(S): Cathleen McAnneny, University of Maine at Farmington
5:20 Sohini Dutt*, Kansas State University, *Perceptions of HIV Risk and Preventive Measures among Female Students in Kolkata, India*.
5:40 Akihiko Michimi, PhD.*, South Dakota State University; Michael C. Wimberly, PhD., South Dakota State University, *Spatial Patterns of Obesity and Risk Factors in Rural America*.

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5633. Animal Geography 3: urban/suburban inclusions and exclusions

Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): David Lulka, California State University San Marcos

CHAIR(S): David Lulka, California State University San Marcos

5:20 Christian PIHET*, Université d'Angers, *Cities and wildlife: uses and representations of animals in urban dynamics.*

5:40 Lauren J. Tenney, PhD Candidate, MA, MPA*, Environmental Psychology Program, Graduate Center, City University of New York, *Exclusion Outlawed, Contested Access Practiced: Negotiating Public Spaces with a Psychiatric Service Dog.*

6:00 Claire Molloy*, Liverpool John Moores University, *Dangerous Dogs and Identity: Negotiating the Contested Meanings of Canine Bodies.*

6:20 David Lulka*, California State University San Marcos, *Form and Formlessness: the spatio-corporeal politics of the American Kennel Club.*

Discussant(s): Sharon E. Wilcox, University of Texas Austin

5634. Privacy and Surveillance

Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rex G. Cammack, University of Nebraska Omaha

5:20 Lynn Brien*, University of New Orleans, *Shifting boundaries: remote sensing, GIS, and privacy issues.*

5:40 Rex G. Cammack*, University of Nebraska Omaha, *Geo-Masking - Privacy and the Cartographic Design Process.*

5635. Society, Nature, and Global Change

Room: Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey Allman Gritzner, University of Montana

5:20 Benjamin Cheng*, University of Illinois at Urbana-Champaign, *Transgressing Human-Nature Relationships.*

5:40 Bohumir Jansky*, *Mountain lakes of Kyrgyzstan with regard to the risk of their rupture.*

6:00 Donghai Li*, PhD student; Qinghua Guo, Professor; Gary Phelps, Undergraduate student; Patrick Rahilly, Graduate; Thomas Harmon, Professor, *Hyperspectral Reflectance Response of Wetland plants to Soil Moisture and Salinity in Central California.*

6:20 Benefitsheh Verell*, United States Military Academy; Gayle E Davis, United States Military Academy, *Cultural Impacts on Environmental Remediation Projects.*

6:40 Jeffrey Allman Gritzner, Professor*, The University of Montana, *The Earth Restoration Project.*

5636. Latin America: Environment

Room: Skybox 208, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lindsey McSherry Sutton, Arizona State University

5:20 Brian R Dunmire*, United States Military Academy, *The Blue and Green Amazon: Brazil and Effective Sovereignty.*

5:40 Andrew Malone McCown*, The University of Texas at Austin, *Geography and the Environment, Semi-Intensive Fish Farming in the Bolivian Chaco: A Community-led Response to Contaminated Fish Stocks of the Rio Pilcomayo.*

6:00 Rebekka Goodman, PhD*, University of Arizona, *People vs. Fish: Community Perceptions of Sustainability: A Case Study of Puerto San Carlos, BCS, Mexico.*

6:20 Catherine Hickey*, University of Western Ontario; Anthony Weis, PhD, University of Western Ontario, *Adapting to Climate Change in Guyana: necessities, options and constraints.*

6:40 Lindsey McSherry Sutton, PhD Candidate*, Arizona State University, *The Rio Sonora Valley: Changing forms of Livelihoods in the Mexican Borderlands.*

5637. Publishing Tourism Geography Research (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Skybox 209, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Deborah L. Che, Kansas State University

CHAIR(S): Deborah L. Che, Kansas State University

Panelists: Alison M. Gill, Simon Fraser; Kevin Hannam, University of Sunderland; Dimitri Ioannides, Missouri State University; Geoffrey Wall, University of Waterloo; Alan A. Lew, Northern Arizona University; Dallen J. Timothy, Arizona State University; Daniel H. Olsen, Brandon University

5638. Vegetation Dynamics II (Sponsored by Biogeography Specialty Group)

Room: Skybox 210, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Daehyun Kim, Texas A&M University

CHAIR(S): Charles W. Lafon, Texas A & M University

5:20 Dianna Alsup Gielstra*, Texas A&M University; David M. Cairns, Texas A&M University, *Spatial tree age and size structure of Abies lasiocarpa invasion in subalpine meadows in Preston Park, Glacier National Park, MT.*

5:40 Daehyun Kim*, Texas A&M University; David M. Cairns, Texas A&M University; Jesper Bartholdy, University of Copenhagen, *Species-specific competition and facilitation across spatial scales and environmental gradients.*

6:00 Andrew Trgovac*, Student; Chris Larsen, Dr., University at Buffalo, *Does the slope of species rank abundance distributions vary between biomes?.*

6:20 Karen S. Eisenhart*, Edinboro University of Pennsylvania; Matthew Kennedy, Edinboro University of Pennsylvania; Justin Stangl, Edinboro University of Pennsylvania; James Vidoni, Edinboro University of Pennsylvania, *Composition and Structure of a Deciduous Forest at Howard Falls in Northwestern Pennsylvania.*

5639. Calcutta's Modernities (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Asian Geography Specialty Group)

Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Mark Jackson, University of Bristol

CHAIR(S): Mark Jackson, University of Bristol

5:20 Mark S. Jackson, Dr.*, University of Bristol, *Reflections on Calcutta as an Allegorical City of Modernity.*

5:40 Jenny Lunn*, Royal Holloway, University of London, *Calcutta's religious diversity: Exploring the role of faith-based organisations in welfare, relief and development.*

6:00 Aditi Chatterji*, University of Calcutta, *Ethnicity, Migration And The Urban Landscape of Kolkata.*

6:20 Sudhir Mahadevan*, University of Washington-Seattle, *Visualizing Social and Seismic Disaster: Photography, Print and the Cinema in 19th and Early 20th Century Calcutta.*

6:40 Swati Chattopadhyay*, University of California, Santa Barbara, *Fungible Geographies: the Spatial Dynamics of the Durgapuja in Calcutta.*

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- 5640. Soils, Sediments, and Geoarchaeology II (Sponsored by Geomorphology Specialty Group, Paleoenvironmental Change Specialty Group)**
Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Mike Benedetti, University of North Carolina Wilmington; Timothy Beach, Georgetown University
CHAIR(S): Dorothy E. Freidel, Sonoma State University
5:20 Carlos E. Cordova*, Oklahoma State University; William Charles Johnson, University of Kansas, *Post-glacial climates, vegetation structure, and grazing and fire patterns in the south-central Great Plains: Proxy records from soils and paleosols.*
5:40 Kirk Anderson*, Northern Arizona University and Museum of Northern Arizona; Ted Neff, Museum of Northern Arizona, *Living Along the Colorado River in Grand Canyon: Floods, Wind, Steep Slopes and Archaeological Site Location and Use.*
6:00 Kathleen Nicoll*, University of Utah, *Archaic Geoarchaeology along the Jordan River, Southern Salt Lake Valley.*
6:20 Jeffrey Homburg*, Statistical Research, INC./University of Arizona; Jonathan A. Sandor, Iowa State University, *Anthropogenic Effects on Soil Quality of Ancient Agricultural Systems of the Southwest.*
6:40 James H. Mayer*, University of Arizona, *Holocene Geomorphic And Environmental Change In A Semi-Arid Intermontane Basin In North-Central Colorado.*

- 5642. Waldo Tobler Distinguished Lecture in GIScience (Sponsored by Geographic Information Science and Systems Specialty Group)**
Room: Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor (Panel Session)
ORGANIZER(S): Tom Cova, University of Utah
CHAIR(S): Tom Cova, University of Utah
5:20 David M. Mark, University at Buffalo

- 5643. Migration Issues in Europe**
Room: North Hall N101, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Dusan Drbohlav
5:20 Jenny Olofsson*, Gunnar Malmberg, *Features of a Limited Migration System - the case of emigration from former Soviet Republics to Sweden.*
5:40 Lenka Medova*, Charles University in Prague, Faculty of Science; Dusan Drbohlav, Charles University in Prague, Faculty of Science, *Estimating Irregular Migration - the Case of Prague.*
6:00 Dagmara Dzurova*, Charles University in Prague, Faculty of Science; Dusan Drbohlav, Charles University in Prague, Faculty of Science, *Illegal Migration across the Czech State Border - before Joining the "Schengen".*
6:20 Dusan Drbohlav*, Charles University in Prague, Faculty of Science; Dagmar Dzurova, Charles University in Prague, Faculty of Science; Zdenek Cermak, Charles University in Prague, Faculty of Science; Eva Janska, Charles University in Prague, Faculty of Science; Lenka Medova, Charles University in Prague, Faculty of Science; Dita Cermakova, Charles University in Prague, Faculty of Science, *Relations between International Migration, Socio-Economic Reality and Migration Policy - the Case of the Czech Republic.*
6:40 Pablo Mateos*, University College London; Paul A Longley, University College London, *Residential segregation in European cities: exposing invisible ethnicities through people's names origins.*

- 5644. Power, Social Justice and the Creative City: Panel Discussion (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)**
Room: North Hall N102, Las Vegas Convention Center (Panel Session)
ORGANIZER(S): John Paul C. Catungal, University of Toronto; Deborah Leslie, University of Toronto
CHAIR(S): John Paul C. Catungal, University of Toronto
Panelists: Norma Rantisi; Chris Gibson; Wendy Larnar, University of Bristol; Lily Kong, National University of Singapore; Nancy Ettlinger, Ohio State University

- 5645. China Urban and Regional Development and Industrial Transformation (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, China Specialty Group)**
Room: North Hall N103, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Xiaobin Zhao, University of Hong Kong
CHAIR(S): Xiaobin Zhao, University of Hong Kong
5:20 Xiaobin Zhao*, University of Hong Kong, *Contesting the Status of World Factory of Manufacturing: Comparative Studies of FDI in China, Vietnam and India.*
5:40 Huangji Wang, Mphil Candidate*, The Univeristy of Hong Kong, *Cross-Listing, Corporate Governance and Financial Center Cooperation between Hong Kong and Mainland China.*
6:00 Zhenshan Yang*, Utrecht University & ITC, The Netherlands; Ottens Henk, Utrecht University; Jianming Cai, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences; Shluzas Richard, International Institute for Geo-Information Science and Earth Observation, the Netherlands, *Evolution of Sectoral Clusters and Chinese City Dynamics-a Case of Beijing.*
6:20 Jianming Cai*, Chinese Academy of Sciences; Fei Han, Chinese Academy of Sciences; Zhenshan Yang, Utrecht University & ITC of the Netherlands, *Beijing: Creating Recreational Destinations for Urban Citizen with an Edible Peri-urban Landscape.*
6:40 Xuwei Hu*, Tianxin Hu, *Trends of the Urbanization Process in China's Reform Era.*

- 5646. Conflict in the Uighur Autonomous Region: Xinjiang, China (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group, China Specialty Group)**
Room: North Hall N107, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Tamar Mayer, Colgate University
CHAIR(S): Tamar Mayer, Colgate University
5:20 Alexander C. Diener*, Pepperdine University, *An Historical Geography of Xinjiang's Borderlands.*
5:35 Stanley Toops*, Miami University, *Political Landscape of the Uyghurs.*
5:50 Tamar Mayer*, Colgate University and Middlebury College, *Conflict over Xinjiang's Landscape: the case of the Uighurs' mazars.*
6:05 Tyler Harlan*, The University of Melbourne, *Uyghur Entrepreneurship and the Private Sector in Urumqi, Xinjiang.*
6:20 Peter J. Sinnott, PhD.*, Independent Scholar, *The Uyghur Retreat to Kashmir and into the Diaspora.*
Discussant(s): Clifton W. Pannell, University of Georgia

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5647. Coastal and Marine Environments III (Sponsored by Coastal and Marine Specialty Group)

Room: North Hall N108, Las Vegas Convention Center (Paper Session)
ORGANIZER(S): Steven Namikas, Louisiana State University;

Jean Taylor Ellis, University of South Carolina

CHAIR(S): Jean Taylor Ellis, University of South Carolina

5:20 Graziela Miot da Silva, Dr*, Nicholls State University,
Wave Dynamics and Beach - Dune Interactions in Southern Brazil.

5:40 Gemma Barrett*, Texas A&M University, *Wave-scale changes in beach bed elevation over a tidal cycle on the Matagorda Peninsula, Texas.*

6:00 Brandon L Edwards*, Louisiana State University; Steven L Namikas, Louisiana State University, *Short term beach response to a summer storm at Padre Island, Texas.*

6:20 Yige Gao*, Texas A&M University; Hongxing Liu, Texas A&M University; Douglas Sherman, Texas A&M University, *Automated profile analysis for deriving coastal geomorphologic features and dynamic properties.*

5648. Las Vegas: a mirage of water, power, and unreality (Sponsored by Community College Affinity Group)

Room: North Hall N109, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Kerry Lyste, Everett Community College

CHAIR(S): Kerry Lyste, Everett Community College

Introducer: Kerry Lyste

Panelists: Robert W. Christopherson, American River College;
Darrel Hess, City College of San Francisco; Bruce L. Seivertson, Imperial Valley College; Ann Johnson, ESRI

5649. Governing Complex Things: New Spaces of Regulation

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Paul Robbins, University of Arizona

CHAIR(S): Sarah A Moore, University of Arizona

5:20 John G. Hintz*, Bloomsburg University of Pennsylvania,
Working for Industry: The Nuclear Fuel Chain and the Limits of Anti-nuclear Activism.

5:40 Paul Robbins*, University of Arizona; Rayna Farnsworth, University of Arizona; John Paul Jones, PhD., University of Arizona, *Insects and Institutions: Understanding Emerging Hazards in the US Southwest.*

6:00 Vincent J. Del Casino, Jr., PhD.*, California State University, Long Beach, *Organizing the Virus: The Body Politic, HIV, and the Molecular Geographies of Surveillance.*

6:20 Sarah A Moore*, University of Arizona, *Jurisdictional Space and Hazardous Waste.*

Discussant(s): Jacque L. Emel, Clark University

5650. Puerto Rico: Space, Place, and Society (Sponsored by Latin America Specialty Group, Ethnic Geography Specialty Group)

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Jose R. Diaz-Garayua, Kent State University; Alejandro Melendez

CHAIR(S): Jose R. Diaz-Garayua, Kent State University

5:20 Sarah Leticia Rodriguez*, University of Puerto Rico, *The geography of being thirsty: An spatial analysis of the public and private drinking water in the University of Puerto Rico.*

5:36 Rogelio Gonzalez*, The University of Akron, *Delineating Response Time Zones for Emergency Services using a GIS based Network Analysis: San Juan, Puerto Rico.*

5:52 Carmen Lydia Silva Romero*, Grad Student, The University of Akron, *Spatial Exploration of the Relationship between Church locations and Housing value in San Juan, Puerto Rico.*

6:08 Zuleyka Juarbe*, University of Puerto Rico, *Infarctions in rural and urban Puerto Rico; the cases of San Juan and Aguas Buenas.*

6:24 Alejandro Melendez*, Universidad de Puerto Rico Recinto de Rio Piedras, *The Monte Rey Project: The Impact of a Large Scale Mixed Use Development on the Land Use Pattern in Northern Puerto Rico.*

5651. Modeling and Analysing Human Migration and Behaviour

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mara Hedrich

5:20 Michael Samuelson*, Macalester College, *A Home Owners Last Gasp: Looking at the Redemption Process in Hennepin County, Minnesota.*

5:40 Yingxia Pu*, China Data Center, University of Michigan, Ann Arbor; Shuming Bao, China Data Center, University of Michigan, Ann Arbor, *Spatial Analysis of Population Migration Patterns in China with 2000 Population Census.*

6:00 Li Zhou*, University of Cincinnati; Yongming Cai, University of Cincinnati; Lin Liu, University of Cincinnati, *Simulating the change of gasoline price by a hybrid model: gasoline retail market in Cincinnati area as a case study.*

6:20 Xiaojia Wang*, University of North Carolina-Charlotte; Jean-Claude Thill, University of North Carolina-Charlotte, *Modeling the Migration Space between U.S. States.*

6:40 Mara Nicole Hedrich*, City of Dallas, *Spatial Patterns of Residential Water Use in Dallas, Texas.*

5652. Dynamic Re-imaginings of Geographic Thought

Room: North Hall N113, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Andrew R. Bodman, Western Washington University

5:20 Joshua Jelly-Schapiro*, University of California, Berkeley, *The Caribbean in the World: Imaginative Geography in the Independence Era.*

5:40 Ivan Welch*, Omni Intelligence, Inc., *Title: Geohomography: What People do, Where they do it, and Why?.*

6:00 Cindy Nance, PhD.*, Mt San Jacinto College, *Putting Flesh on the Bones of the Past.*

6:20 Richard N. Dodge*, University of Arizona; Richard Neil Dodge, AAG member, University of Arizona, *What is "Human" in Human Geography.*

6:40 Andrew R. Bodman*, Western Washington University, *Human Geography's New Master Weavers: Patterns of Influence in Human Geography at the turn of the Millenium.*

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ORGANIZER(S): Kam-Biu Liu, Louisiana State University;

Harry Williams, University of North Texas

CHAIR(S): Lawrence Kiage, Georgia State University

5:20 Charles E. Button*, Central Connecticut State University, *Latitudinal And Longitudinal Shift In Hurricane Spawning Points.***5:40** Cary J. Mock*, University of South Carolina, *Urban U.S. Hurricanes and History.***6:00** Matthew D. Rodgers*, University of South Carolina, *The Reconstruction of Transitioned Tropical Cyclones in 19th Century New England.***6:20** Michael Grossman*, Department of Geography SIUE; Masumi Zaiki, Faculty of Urban Environmental Science, Tokyo Metropolitan University, *Reconstructing a chronology of typhoons in Japan in the 1880s from documentary records.***6:40** Thomas A Bianchette*, Louisiana State University; Kam-biu Liu, Louisiana State University, *Eastern North Pacific hurricane trajectories and rainfall climatology: implications and possibilities for Mexican paleotempestology.***5654. Multitemporal Remote Sensing***Room: North Hall N115, Las Vegas Convention Center (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Zhenyu Jin, Geography Department, University of Utah

5:20 Di Long*, Texas A&M University, Geography Department, *Estimation of daily average net longwave radiation from MODIS data products for clear sky days.***5:40** Sami Khanal*, Mississippi State University; Shrinidhi S Ambinakudige, Mississippi State University, *Modeling Terrestrial NPP in the Conterminous United States using Remote Sensing Techniques.***6:00** Dong Liang*, University of Iowa; Kathryn Mary Cowles, University of Iowa; Marc Linderman, University of Iowa, *Predicting Vegetation Cover using Two Kinds of Satellite Images.***6:20** Marc Linderman*, University of Iowa; Pedram Rowhani, University of Louvain, *Comparisons of satellite time-series data: Estimates of high-frequency noise.***6:40** Zhenyu Jin*, Geography Department, University of Utah; Bing Xu, Geography Department, University of Utah; Nick Clinton, CAMFER, University of California, Berkeley; Peng Gong, CAMFER, University of California, Berkeley; Zhiliang Zhu, U.S. Forest Service, *A fast nonlinear smoother to reconstruct high-quality MODIS NDVI time series.***5655. Modeling Geographic Complexity 3 (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Human Dimensions of Global Change Specialty Group)***Room: North Hall N116, Las Vegas Convention Center (Paper Session)*

ORGANIZER(S): Suzana Dragicevic, Simon Fraser University;

Peter J. Deadman, University of Waterloo

CHAIR(S): Tom Evans, Indiana University

5:20 Liliana Perez*, Simon Fraser University (Canada); Suzana Dragicevic, Simon Fraser University (Canada), *Understanding forest insect infestations behaviour: An agent-based approach.***5:40** Joshua ML King*, University of Waterloo; Peter J. Deadman, University of Waterloo, *Multi-Agent Simulation of Malaria in Iquitos, Peru.***6:00** Raja Sengupta, PhD*, Dept of Geography and School of Environment, McGill University; Tyler Bonnell, Dept of Geography, McGill University; Colin Chapman, PhD, Dept of Anthropology and School of Environment, McGill University, *Simulating Parasite-Host Interactions using Agent-Based Models: A Case-Study of Kibale National Park, Uganda.***6:20** James J. Hayes*, California State University Northridge; Shanon Donnelly, University of Akron; Charles Greer, Indiana University; Jillian Rickly, Indiana University, *The role of aggregate complexity in an energy-based framework for comprehensive landscape study.***6:40** Stephen Clifford*, University College, Dublin; Maarten Nieuwenhuis, University College, Dublin, *The development of a decision support system for the integrated management of forests on the western peatlands of Ireland.***5656. Indigenous Peoples and Protected Areas: Conservation Through Self-Determination III (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)***Room: North Hall N117, Las Vegas Convention Center (Paper Session)*

ORGANIZER(S): Stan Stevens, University of Massachusetts

CHAIR(S): Stan Stevens, University of Massachusetts

5:20 Monica E. Mulrennan*, Concordia University, *Marine Protected Areas: Opportunities and Constraints in the Context of a Northern Aboriginal Community.***5:40** Beth Rose Middleton, PhD*, UC Berkeley, UC Davis, *Using Private Conservation Tools to Protect Indigenous American Lands.***6:00** Timothy B Norris, PhD Student*, UC Santa Cruz, *New Conservation Spaces in the Andes: Conflicts Between National and Private Protected Areas.***6:20** Stephen Ellis*, Lutsel K'e Dene First Nation, *"The Land that We Keep For Us" Conservation as Reconciliation - The Case of Thaidene Nene/East Arm of Great Slave Lake.***6:40** Stan Stevens*, University of Massachusetts, *Linking Social Justice and Conservation: Rights-Based Conservation Support for Indigenous and Community Conserved Areas.*

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5657. Sustainable Urban Development

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jingyu Wang, Graduate Center, City University of New York

5:20 Maria Paola Pagnini*, University of Trieste, *Strategy and Methods for Security in Urban Sustainable Development*.

5:40 Cynthia Ghorra-Gobin*, CNRS (Paris, France), director of research, *Geography in an era of sustainable development: explaining the change of vision from regularity to specificity*.

6:00 Gertrude Szili, Ms*, University of South Australia, *Greening Governance: A Critique of the Mobilisation of Environmental Discourses in the Governance of Mawson Lakes, South Australia*.

6:20 Jingyu Wang*, Graduate Center, City University of New York; Hari K Pant, Lehman College of the City University of New York, Department of Environmental Geographic and Geological Sciences, 250 Bedford Park Blvd. W., Bronx, NY 10468, *Impacts of land use on phosphorus transport in the Bronx River, New York City, NY*.

5658. Lost in Translation: Collaborating with Community Partners (Sponsored by Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Indigenous Peoples Specialty Group)

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Annette Watson; Orville Huntington, Interior Athabaskan Tribal College, Alaska Federation of Natives

CHAIR(S): Annette Watson

5:20 Orville Huntington*, Interior Athabaskan Tribal College, Alaska Federation of Natives, *How Traditional Ecological Knowledge can Inform Academics*.

5:40 Annette Watson*, College of Charleston, *The "Field" is not "Out There"? But Local to My Heart*.

6:00 Kali Fermantez, PhD*, University of Hawaii at Hilo, *Participatory research and the home-field advantage: Re-Placing Hawaiians and re-presenting indigenous knowledge in Wai'anae*.

Discussant(s): Orville Huntington, Interior Athabaskan Tribal College, Alaska Federation of Natives

5659. Ethnographies of conservation: Understanding the institutions of global biodiversity conservation: Panel III (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)

Room: North Hall N120, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Catherine Corson, University of California, Berkeley; Noella Gray, Duke University

CHAIR(S): Kenneth MacDonald, University of Toronto

Panelists: Jamie Lorimer, Kings College London; Peter Wilshusen, Bucknell University; Brian King, The Pennsylvania State University; Kenneth MacDonald, University of Toronto; Edward Maclin, University of Georgia

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7:00 p.m. – 8:00 p.m.

5710. Water Resources Specialty Group Business Meeting (Sponsored by Water Resources Specialty Group)

Room: Royale Pavilion 5, Riviera Hotel, 1st Floor

*** Continued into next slot, 5810

5725. Paleoenvironmental Change Specialty Group Business Meeting (Sponsored by Paleoenvironmental Change Specialty Group)

Room: Capri 113, Riviera Hotel, 1st Floor

5726. European Specialty Group Business Meeting (Sponsored by European Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor

5727. Human Dimensions of Global Change Specialty Group Business Meeting (Sponsored by Human Dimensions of Global Change Specialty Group)

Room: Capri 115, Riviera Hotel, 1st Floor

5732. Sexuality and Space Specialty Group Business Meeting (Sponsored by Sexuality and Space Specialty Group)

Room: Skybox 204, Riviera Hotel, 2nd Floor

8:00 p.m. – 9:00 p.m.

5810. Water Resources Specialty Group Business Meeting (Sponsored by Water Resources Specialty Group)

Room: Royale Pavilion 5, Riviera Hotel, 1st Floor

Presenting author(s) are indicated with an asterisk ().*

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6101. Geopolitics

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Scott Pusich, University of Kansas

8:00 Andrea Burro*, University of Trieste, *New challenges and new perceptions of security: a geopolitical approach.*

8:20 Ivan Matejak*, University of Trieste, Italy, *Geopolitics of urban insecurity.*

8:40 Terrence Haverluk, Professor, US Air Force Academy*, US Air Force Academy, *The Three Critical Flaws of Critical Geopolitics.*

9:00 Kieran Rankin*, Trinity College Dublin, *The Lasting Theoretical and Empirical Relevance of Richard Hartshorne's Contribution towards International Boundary Studies.*

9:20 Scott Pusich*, University of Kansas, *False Positives and True Negatives: Nation-Building vs. State-Building.*

6102. Ethnic Geography 1

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wardlow Friesen, University of Auckland

8:00 Angela Pochanasomburana, University of Nebraska-Lincoln*, *The Settlement of the Mon Ethnic Group in Thailand: A Case Study of Seven Mon Villages.*

8:20 Wan Yu*, Miami University, *The Spatial Transformation of Chinese Communities in Suburban Los Angeles- The Way to a Chinese Immigrant's American Dream?.*

8:40 Wardlow Friesen*, University of Auckland, *Immigrant mobilisation and the diversification of New Zealand politics.*

9:00 Judit Molnar*, *The Process of Segregation in Northeast Hungary.*

9:20 Jungeun Kim, University of Illinois at Urbana-Champaign; Iryna Sharaievska, University of Illinois at Urbana-Champaign; Monika Stodolska*, University of Illinois at Urbana-Champaign; Kimberly J Shinew, University of Illinois at Urbana-Champaign, *Interethnic/ Interracial Attitudes among Latino Residents of Urban Communities.*

9:00 Judit Molnar*, *The Process of Segregation in Northeast Hungary.*

6103. Geomorphology and Water Issues

Room: Grande Ballroom F, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Molly McGraw, Southeastern Louisiana University

8:00 Brian D Collins*, University of Washington; David R Montgomery, University of Washington, *A multi-scale approach to developing a "reference condition" for guiding the restoration of extensively human-modified lowland rivers in the Puget Sound basin.*

8:20 Stephen Tooth, Dr*, Institute of Geography and Earth Sciences, Aberystwyth University, Wales, UK; Terence S. McCarthy, Professor, School of Geosciences, University of the Witwatersrand, South Africa, *The Role of Geomorphology In Assessing Recent Human Impacts And Evaluating Remediation Options For South Africa's Floodplain Wetlands.*

8:40 Nasser Alsaaran*, King Saud University, *Origin and geochemical reaction paths of inland sabkha brines: eastern Saudi Arabia.*

9:00 Michael L. Cline*, University of Arizona, *Advances in the methodologies and implications for hydrologic responses to climate change in the Upper Colorado Watershed, UT and CO.*

9:20 Molly McGraw, PhD*, Southeastern Louisiana University, *Environmental Forcing of Suspended Sediment in Coastal Louisiana Wetlands.*

6104. Remote Sensing and GIS for Urban Analysis I (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State University; Victor Mesev, Florida State University

CHAIR(S): Xiaojun Yang, Florida State University

8:00 Frank Michael Sims*, Florida State University, *Utilization of Ancillary Data in Object-Based Classification of High Resolution Satellite Imagery: LIDAR Integration.*

8:20 Rebecca L. Powell*, University of Denver; Sharolyn J. Anderson, University of Denver, *Discriminating Urban Tree and Lawn Cover in Denver Using Sub-Pixel Analysis.*

8:40 Denis Dean, Dr., University of Texas at Dallas; Harini Sridharan*, University of Texas at Dallas; Fang Qiu, Dr., University of Texas at Dallas, *Spectral Separability Analysis of Urban Tree Species Using Spectrometer Measurements.*

9:00 Michael Harrison*, University of Texas at San Antonio, *Detecting Urban Growth Patterns in the Las Vegas Metropolitan Area Using Landsat Imagery.*

6105. Climate, Wildfire, and Woodland Dynamics in the Great Basin of North America - I (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Franco Biondi, DendroLab, University of Nevada; Alan H. Taylor, Pennsylvania State University

CHAIR(S): Franco Biondi, DendroLab, University of Nevada

8:00 Alan H. Taylor*, Pennsylvania State University; Valerie Trouet, Swiss Federal Research Institute; Carl N Skinner, USDA Forest Service Pacific Southwest Research Station; Scott Stephens, UC Berkeley; Andrew Pierce, Pennsylvania State University, *Climatic influences on fire occurrence in dry pine forests on the western side of the Great Basin in northern California before fire suppression.*

8:20 Mackenzie Kilpatrick*, MS student, Geography, University of Nevada, Reno; Jason S Sibold, PhD, Colorado State University; Scotty Strachan, University of Nevada, Reno; Franco Biondi, PhD, University of Nevada, Reno, *Tree-ring Based Fire History of the Clover Mountains, Lincoln County, Nevada.*

8:40 Jonathan Cheek*, University of Nevada, Reno; Franco Biondi, PhD., DendroLab, Department of Geography, University of Nevada - Reno; Robin Tausch, PhD., University of Nevada-Reno, U.S. Forest Service/ NRES; Jason Sibold, PhD., Colorado State University, *Fuel Analysis in Upper Elevation Pinyon-Juniper Woodlands of Lincoln County, NV.*

9:00 Megan Bradley*, University of Nevada, Reno; Robin Tausch, PhD, U.S.F.S. Rocky Mountain Research Station, Reno NV 89512; Franco Biondi, PhD, DendroLab, University of Nevada, Reno 89557, *Pre- and Post-Settlement Stand Development of Woodland Ecosystems in Lincoln County, Nevada.*

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6106. Impacts of Climate Change

Room: *Royale Pavilion 1, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James R. Norwine, Texas A&M - Kingsville

8:00 Crystal J Bergman*, Western Kentucky University; Stuart A Foster, Western Kentucky University, *An Analysis of Drought Impacts in Kentucky*.

8:20 Darren Ruddell*, Arizona State University; Sharon Harlan, Arizona State University; Elizabeth Wentz, Arizona State University; Suzanne Grossman-Clarke, Arizona State University, *Climate Change and Urban Vulnerability: Recommendations from Phoenix, AZ*.

8:40 Noriyuki Sato*, California State University, Chico, *Is Changing Climate Impacting the Duration of Highway Closure during Winter Months in California?*.

9:00 James (Jim) R. Norwine*, Texas A&M - Kingsville, *South Texas 2100: An Example of the Threatened Subtropics*.

6107. Landscapes and Ecosystems

Room: *Royale Pavilion 2, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Roger Sayre, United States Geological Survey

8:00 Yoshinori Nakazawa*, University of Kansas, *Environmental and geographic landscapes: their role on species' distributions*.

8:20 Leah Bremer*, San Diego State University- University of California, Santa Barbara; Kathleen A Farley, PhD., San Diego State University, *Green deserts or restoration gems?: A synthesis of the effects of plantation forestry on biodiversity*.

8:40 Thomas W Gillespie, PhD*, UCLA, *World's Most Endangered Forest*.

9:00 Janette Bulkan*, Colby College, *'Dis wood kyan dun: intended and unintended consequences of the common belief in inexhaustible natural tropical forest in Guyana*.

9:20 Roger G Sayre, PhD*, United States Geological Survey; Harumi Warner, United States Geological Survey; Jill J Cress, United States Geological Survey; Pat Comer, PhD, NatureServe, *Mapping Standardized Ecosystems for the United States Using a Deductive, Biophysical Stratification Approach*.

6108. Infectious Geographies 1 (US)

Room: *Royale Pavilion 3, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Marilyn O. Ruiz, U of Illinois College of Veterinary Medicine

8:00 Ashley C. Holt*, UC Berkeley, *Plague in the United States, 1900 - 1951: Re-interpreting the spatial history of a disease*.

8:20 Jody S. Huddleston*, University of North Texas; Joseph R. Oppong, University of North Texas; Patrick Moonan; Stephen Weis, *Tuberculosis among the Hispanic/Latino Population of Tarrant County, Texas*.

8:40 Patricia Rose Trawinski, PhD*, SUNY at Buffalo; D. Scott Mackay, PhD, SUNY at Buffalo, *Spatial Prediction of West Nile Virus Vector Mosquitoes in a Suburban Environment*.

9:00 Lashale Pugh*, University of Maryland College Park, *Results from Survey of Local Level Public Health Officials in the State of Ohio*.

9:20 Marilyn O. Ruiz*, U of Illinois College of Veterinary Medicine; William M Brown, University of Illinois, *Scale-variant spatial and temporal associations between vectors and humans in a West Nile virus hotspot*.

6109. Gendered (im)mobilities of knowledge and learning in the new economy (I) (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: *Royale Pavilion 4, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Sarah Hall, University of Nottingham; Al

James, Queen Mary, University of London

CHAIR(S): Sarah Hall, University of Nottingham

8:00 Wendy Lerner*, University of Bristol, *New Zealand Fashion, the Knowledge-based Economy and Gendered Intermediaries*.

8:20 Al James*, Queen Mary, University of London, *Work-life (im)balance and gendered worker mobilities: reconsidering knowledge spillovers in high tech regional economies*.

8:40 Huw Vasey*, University of Exeter, *Moving bodies: International migration, gender and knowledge in South-West England*.

9:00 Sarah Dyer*, Oxford University School of Geography, *Gendering the scientific work in a 'knowledge cluster': the case of Oxford, UK*.

9:20 Laura James*, University of Birmingham, *The 'post-feminist problem': investigating the gender dimensions of knowledge dynamics in the 'new' economy*.

6110. Places of integration, spaces for difference

Room: *Royale Pavilion 5, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Fayyaz Vellani, University of Pennsylvania;

Wun Fung Chan, University of Strathclyde

CHAIR(S): Fayyaz Vellani, University of Pennsylvania

8:00 Wun Fung Chan*, University of Strathclyde, *A Shared or Multicultural Future? The (im)possibilities of hospitable social capital*.

8:20 Gill Harold*, University College Cork, Ireland, *Cities Without Sound; Deaf Narratives, Hearing Contexts*.

8:40 Fayyaz Vellani*, University of Pennsylvania, *Category as experience; the voices of disabled students in UK higher education*.

6111. Perspectives on Housing and Development

Room: *Royale Pavilion 6, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Vanessa Hudson, Florida International University

8:00 Mohammed Taher Al Yousef, Dr.*, King Saud University, *The Determinants of Residential Satisfaction in Public Housing and Their implications for Housing Policy in Saudi Arabia*.

8:20 René Jordan*, *Large-number Individual-level Modelling of the UK Housing Market*.

8:40 Will Poppe*, University at Buffalo (SUNY), *The process and outcomes of homeownership among refugees in Buffalo*.

9:00 Vanessa Hudson*, Florida International University, *Doing Development after Post-Development*.

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6112. PySAL: Python Library for Spatial Analytical Functions (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Serge Rey, San Diego State University
CHAIR(S): Serge Rey, San Diego State University

8:00 Serge Rey*, Arizona State University; Luc Anselin, Arizona State University, *PySAL: Python Library for Spatial Analytical Functions*.

8:20 Luc Anselin*, Arizona State University; Nancy Lozano-Gracia, Arizona State University; Charles Schmidt, Arizona State University, *Advanced Spatial Econometrics with PySpace*.

8:40 Alan T. Murray*, Arizona State University; Yin Liu, Arizona State University, *Exploratory spatial data analysis of origin-destination patterns*.

9:00 Sergio J. Rey, GeoDa Center, School of Geographical Sciences, Arizona State University; Luc Anselin, GeoDa Center, School of Geographical Sciences, Arizona State University; Myunghwa Hwang*, GeoDa Center, School of Geographical Sciences, Arizona State University, *Dynamic Manipulation of Spatial Weights Using PySAL and Web Services*.

9:20 Sergio J. Rey, PhD, GeoDa Center, School of Geographical Sciences, Arizona State University; Luc Anselin, PhD, GeoDa Center, School of Geographical Sciences, Arizona State University; David C. Folch*, GeoDa Center, School of Geographical Sciences, Arizona State University, *An Implementation of Spatial and Aspatial Linkages in PySAL*.

6113. Language, Slang, and Place Names

Room: Royale Pavilion 8, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee
CHAIR(S): Muharem Cerabregu, Univ of Prishtina

8:00 Soyini A Ashby*, University of the West Indies - Mona, *Mapping Regional Identities through Language*.

8:20 Jani Vuolteenaho*, University of Helsinki, *Re-reading Industrial Urbanization: Slang Toponyms and Everyday Practices of Male Working-class Juveniles in Early Twentieth Century Helsinki*.

8:40 Muharem Cerabregu*, Univ of Prishtina, *Place Names Based on Verbal Form of Geographical Generics - Muharem Cerabregu, University of Prishtina*.

6116. Neoliberalism, social movements, and nature

Room: Capri 103, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Sook-Jin Kim, Konkuk University; Joel D Wainwright, The Ohio State University

CHAIR(S): Joel D Wainwright, The Ohio State University

8:00 Sook-Jin Kim*, Konkuk University; Joel D. Wainwright, Ohio State University, *Korean counterpoint: rice, beef, and resistance to neoliberalism*.

8:20 Bethany Haalboom*, Duke University, *Development, Identity Framing and the Amazon Rainforest: Indigenous Peoples Engagement with Neoliberalism in Suriname*.

8:40 Eom Eun Hui*, Institute for East Asian Studies, *Anti-Mining Community Movement and Multi-Scalar Solidarity: Case of RapuRapu Island in the Philippines*.

9:00 Zac Henson*, University of California, Berkeley, *Possibilities, Problems, and Politics: Neoliberalism and Local Food*.

9:20 Elizabeth Lunstrum*, York University, *Contestations of Neoliberal Development: Transfrontier Conservation, Regional Integration, and Rural Livelihoods in Mozambique's Limpopo National Park*.

6117. Identities, Places and Landscapes

Room: Capri 104, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Cynthia M. Williams, University of Nebraska-Lincoln

8:00 France Guérin-Pace*, INED, *The role of the spatial dimension in the process of identity construction*.

8:20 Rachel Goffe*, CUNY GC, *Crossing the Line: Property and the Jamaican Body*.

8:40 Zoe Tararache, M.A.*, Los Angeles Valley College, *The Impact of Air Conditioning on the Identity of Places and People*.

9:00 Amber S McIlwain, MS*, University of Kentucky; John F Watkins, PhD, University of Kentucky, *Life course, place attachment, and home: A case of immobility*.

9:20 Cynthia M. Williams*, University of Nebraska-Lincoln, *Levels of Response In Experiential Conceptualizations of Neighborhood: The Potential For Multiple Versions of This Place Construct*.

6118. Japan: Comparative Perspectives on Education, Indigenous Peoples, Religion and Culture (Sponsored by Asian Geography Specialty Group)

Room: Capri 105, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Patrick H. Buckley, Western Washington University

CHAIR(S): Patrick H. Buckley, Western Washington University

8:00 Roger P. Miller*, Black Hills State, *International Study of Pedagogical Styles of Teaching Geography*.

8:18 Patrick H. Buckley, Assoc. Prof.*, Western Washington University; Akio Takahashi, Prof., Meiji University, Tokyo, Japan, *Perceptions of Quality of Life: Comparing Japanese and American Impressions through Sister City Exchanges*.

8:36 Henry W. Bullamore*, Frostburg State University, *High Density Mixed Use Neighborhoods: The Japanese Experience*.

8:54 Naohiro Nakamura*, University of Victoria, *An 'Effective' Involvement of Indigenous People in Environmental Impact Assessment: The Cultural Impact Assessment of the Saru River Region, Japan*.

9:12 Daniel Reff*, Comparative Studies, Ohio State University, *Mapping Others and the Governance of Souls: The Jesuit Mission to Japan (1549-1600)*.

Discussant(s): Debnath Mookherjee, Western Washington University

6119. African Development Dialogues

Room: Capri 106, Riviera Hotel, 1st Floor (Paper Session)

CHAIR(S): Christine Mathenge, Austin Peay State University

8:00 Adrian J. Bailey*, University of Leeds; Farai Magunha, University of Leeds; Lionel Cliffe, University of Leeds, *Transnational Zimbabwe and the Circulation of Inequality*.

8:20 Arja Vainio-Mattila*, Huron University College, *Performativity of "civil society" in development: A case of Tanzania*.

8:40 Luca Muscarà*, University of Molise, *Somalia: When Will It Change?*

9:00 Christine Mathenge*, Austin Peay State University, *From Exclusion to Center Stage: Rethinking the Role of Migrants*.

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6120. Rural and Exurban Dynamics (Sponsored by Rural Geography Specialty Group, Urban Geography Specialty Group, Regional Development and Planning Specialty Group)

Room: Capri 107, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Christopher Badurek, Appalachian State University

CHAIR(S): Christopher Badurek, Appalachian State University

8:00 Meaghan E. Bernard, MA*, City-Region Studies Centre, Faculty of Extension, University of Alberta; Doug Knight, PhD, City-Region Studies Centre, Faculty of Extension, University of Alberta, *Urban-Rural Interdependencies: The Benefits and Costs of Urban-Rural Cooperation in Alberta, Canada*.

8:20 Richard J. Crepeau, PhD*, Appalachian State University, *Grappling with the Paucity of Timely Economic Data in North Carolina: The Western North Carolina Economic Index*.

8:40 Christopher A. Badurek*, Appalachian State University; Austin Chamberlain, Appalachian State University, *Measuring Rural-Exurban Change in Western North Carolina using Housing Density Surface Analysis*.

9:00 Reuben S. Rose-Redwood, PhD*, Texas A&M University, *Spaces of Calculation: Street Addressing and the Remaking of Urban and Rural Space*.

6121. African Geography 1

Room: Capri 108, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Imelda Moise

8:00 Ellen Percy Kraly*, Colgate University, *"This disease is not for one person. It is going to affect a lot of people": Vulnerability of Women and Girls to HIV Infection in Rural South Sudan*.

8:20 Imelda Kanchule Moise, PhD Student*, University of Illinois at Urbana-Champaign, *The Effect of Small-Scale Fish Farming on Human Health: A Spatial Analysis of Malaria in two Zambian Villagers of Mwinilunga District*.

8:40 Agathe Maupin*, University of Bordeaux 3, *Towards a successful Water Resource Management in Southern Africa: identifying and challenging hydropolitical risks carefully*.

9:00 Mark A. Butman*, The George Washington University, *Urbanization in Post-Conflict Liberia: Development and the Question of Rural Return*.

6122. Issues in Natural Power Sources

Room: Capri 109, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William Y. Osei, Algoma University College

8:00 Enrique Lanz Oca*, Geography; Enrique Lanz Oca, Geography, *Nature Un-dammed: Energy and the Hydrosemantics of Fear in the Northwest United States*.

8:20 Elizabeth Vaughan, Ph. D.*, Ball State University, *Columbian Fuel Crops in the U.S.*

8:40 Kurt R. Richter, PhD. Candidate*, University of California, Davis, *Fueling an Ethanol Plant in a Diverse Agricultural Geography*.

9:00 William Y. Osei*, Algoma University College, *Woodfuel as a sustainable energy alternative?*.

6123. Immigration and Transnationalism 2

Room: Capri 110, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): J. Gaines Wilson, University of Texas at Brownsville

8:00 J. Gaines Wilson, PhD*, University of Texas at Brownsville; Jude Benavides, PhD, The University of Texas at Brownsville; Elizabeth Heise, PhD, The University of Texas at Brownsville; Joe Lemen, The University of Texas at Brownsville, *Hole in the Wall: GIS analysis of demographic disparities associated with the US-Mexico Border Wall*.

8:20 Gunnel Forsberg*, Stockholm University; susanne Stenbacka, Dep. of human geography, Uppsala university, Sweden; Ali Najib, Dep of Human Geography, Uppsala University, Sweden, *transnationalism in Swedish countryside*.

6124. Ecologies and Politics of Health I (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Medical Geography Specialty Group)

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Brian King, The Pennsylvania State University; Kelley A. Crews, University of Texas

CHAIR(S): Brian King, The Pennsylvania State University
Introducer: Brian King

8:05 Kelley A. Crews*, University of Texas; Alex Moffett, University of Chicago, School of Medicine, *Ecologizing HIV Transmission Studies in Southern Africa*.

8:25 Becky Mansfield*, Ohio State University, *Protecting fetuses/controlling women: environmental health meets reproductive politics in seafood consumption*.

8:45 Joseph P. Messina*, Michigan State University, *The Politics and Ecology of Neglected Tropical Diseases: the case of Human African Trypanosomiasis in Kenya*.

9:05 Todd Faubion, MA*, University of Washington, *HIV/AIDS policy in South Africa: continuing apartheid-era inequalities?*.

6125. Wine and Terroir (Sponsored by Wine Specialty Group)

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Denyse Lemaire, Rowan University

CHAIR(S): Gregory V. Jones, Southern Oregon University

8:00 Lee Johnson*, California State University, Monterey Bay, *Airborne Mapping of Shaded Area in a Winegrape Vineyard*.

8:20 Percy H. Dougherty*, Kutztown University of Pennsylvania, *Terroir Descriptors for Judging Cabernet Sauvignon from Different Geographic Regions*.

8:40 Jeffrey Widener*, University of Central Oklahoma, *Soil, Grapes, Wine, Bibles, and Politics: The Geography of Oklahoma's Wine Industry*.

9:00 Kevin R. Pogue, PhD*, Whitman College, *Variations in Physical Terroir Within the Walla Walla Valley American Viticultural Area*.

Discussant(s): Percy H. Dougherty, Kutztown University of Pennsylvania; Denyse Lemaire, Rowan University; Gregory V. Jones, Southern Oregon University

FRIDAY, MARCH 27 • 8:00 AM - 9:40 AM • 6100**6126. Geographies of Health Care & Health Services I (Sponsored by Medical Geography Specialty Group)***Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)*ORGANIZER(S): Valorie Crooks, Simon Fraser University;
Sarah Lovell, University of Auckland

CHAIR(S): Sarah Lovell, University of Auckland

8:00 Jessica Place*, UNBC; Martha MacLeod, UNBC; Norma John, Northern Health; Elizabeth Lindsey Lindsey, UVIC; Monica Adamack, Interior Health; Lynda Williams, UNBC, *"Finding my own time": Examining the spatially produced experiences of rural RNs in the Rural Acute Care Nursing Program.***8:20** Nathaniel Bell, PhD Candidate*, Simon Fraser University; Nadine Schuurman, PhD, Associate Professor, Geography, Simon Fraser University, *Hidden patterns: the geographies of intentional-injury in Vancouver, BC.***8:40** Valorie A Crooks*, Simon Fraser University, *Geographies of Primary Health Care: An overview and agenda.***9:00** Cathleen M McAnneny*, University of Maine at Farmington, *Comparing Strategies for Providing Oral Health Care in Rural Northern New England.***6127. TAs, RAs, and GREs: Helping Undergraduates Decipher Graduate School (Sponsored by Graduate Student Affinity Group, Geography Education Specialty Group)***Room: Capri 115, Riviera Hotel, 1st Floor (Panel Session)*

ORGANIZER(S): Patrick May, Plymouth State University

Panelists: Francis A. Galgano, Villanova University; Jeffrey S. Smith, Kansas State University; Timothy Lee Hawthorne, The Ohio State University; Douglas Reardon, Coppin State University; Geoffrey L. Buckley, Ohio University; Aaron Malone; Stephen Mulherin, California State University

6128. Electoral Politics*Room: Capri 116, Riviera Hotel, 1st Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Curtis D. Holder, University of Colorado, Colorado Springs

8:00 Christopher McGinn*, University of North Carolina at Greensboro, *Political Geography of Provisional Ballots: Preliminary observations from the 2008 election.***8:20** Heather Hollen Jones*, University of Oklahoma, *The Millennial Generation, New Technology, and the 2008 Election.***8:40** John Barnshaw, University of Delaware; Lynn Letukas*, University of Delaware; Scott Greenly, West Chester University, *Why Hillary Clinton Lost: A Post-Mortem.***9:00** Ryan Zachary Good*, University of Kansas, *Poverty as an Explanatory Variable in Electoral Geography: The Case of Kenya's 2007 Presidential Election.***9:20** Curtis D. Holder*, University of Colorado at Colorado Springs, *Geographic analysis of presidential elections in Guatemala.***6129. Housing Barriers and Needs for New Immigrants and Refugees: Australia and US/Canada Perspectives (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)***Room: Skybox 201, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Carlos Teixeira, University of British Columbia Okanagan

CHAIR(S): Carlos Teixeira, University of British Columbia Okanagan

8:00 Michael Poulsen, Ass Prof*, Macquarie University, *Housing Affordability and Ethnicity: An Australian and American Comparative Perspective.***8:20** James Forrest, PhD*, Macquarie University, *Immigrants and Housing in Australia.***8:40** Thomas Sydney Carter*, The University of Winnipeg, *The Housing Barriers and Needs of Refugee Resettlement in Declining Inner City Neighbourhoods: A Winnipeg Case Study.***9:00** Kathy Sherrell*, University of British Columbia, *At home in Surrey? The housing experiences of refugees in Surrey, BC.***9:20** Carlos Teixeira, Dr.*, University of British Columbia Okanagan, *The Housing Experiences of New Immigrants in a Medium-sized City (Kelowna, B.C., Canada).***6130. (Re)Producing Poverty: urban geographies of dispossession (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)***Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Ozan Karaman, University of Minnesota

CHAIR(S): Ilona Moore, University of Minnesota

8:00 Ozan Karaman*, University of Minnesota, *Entrepreneurial urbanism and the politics of dispossession in Istanbul.***8:20** Mona Atia*, George Washington University, *Helping the Poor Help Themselves: Charity and Development in Cairo.***8:40** Pascal Willy Debruyne*, PHD-Researcher; Koenraad Bogaert, PHD student, *The Arab Revanchist City: urban redevelopment and gentrification in Rabat, Casablanca and Amman.***9:00** Jeff Garmany*, University of Arizona, *Beyond 'Sampa' and 'Rio': Contextualizing space, cities, and squatter settlements outside of southeastern Brazil.***9:20** Mario Berti*, Simon Fraser University, *Citizenship and Rights: panhandling for change.***6131. Nation, Nationalism, Narrative***Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sarah Harris, Denison University

8:00 Doris Garcia*, Louisiana State University, *Race, Space, and the Construction of the Honduran Nation.***8:20** Declan Cullen*, *The Irish Race Conference, 1922: Nation and Diaspora.***8:40** John Oswald*, University of Texas at Austin, *Imagining Cyprus: Coexistence, Conflict, and the Roots of Ethnic Division.***9:00** Paul Karolczyk*, Louisiana State University, *"It's Nation Time!": Representational Space and the Republic of New Afrika.***9:20** Sarah Harris, PhD*, Denison University, *Patient Persuasion: "Voluntary" Forest Village Removal in Cyprus during the British Colonial Period (1878-1960).*

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- 6132. Rural Landscape Change in Eastern Europe**
Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Peter Dannenberg
8:00 Ivan Bicik*, *Czech Agriculture - 20 years of transformation.*
8:20 Jana Spilková*, Charles University in Prague; Jana Spilková, Charles University in Prague, Faculty of Science, *Uncoordinated New Retail Development and Its Impact on Land Use and Soils: A Pilot Study on the Urban Fringe of Prague, Czech Republic.*
8:40 Martin Rudbeck Jepsen*, Aarhus University, National Environmental Research Institute; Lars Ege Larsen, Aarhus University, National Environmental Research Institute; Pia Frederiksen, Aarhus University, National Environmental Research Institute, *Land Use Patterns and Policies: The influence of EU Agricultural Policies on the Danish land use 2000-2007.*
9:00 Peter Dannenberg*, Peter Dannenberg, Humboldt-University at Berlin, *Developments in farm sizes and land use patterns in post-socialist structural change in Poland.*
- 6133. Evangelical Public Political Performances (Sponsored by Political Geography Specialty Group, Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)**
Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Tristan Sturm, UCLA; Jason Dittmer, University College London
 CHAIR(S): Jason Dittmer, University College London
8:00 Justin Wilford*, University of California Los Angeles, *Purpose Driven Publics: The Saddleback Civil Forum and the New Evangelical Public Square.*
8:20 Ethan Yorgason*, Brigham Young University-Hawaii; Chiung Hwang Chen, Brigham Young University-Hawaii, *The General Conference as a Site of Mormon Geopolitical Performance.*
8:40 Tristan Sturm*, UCLA, *Performing the Geopolitics of the End of the World in the Holy Land.*
9:00 Hannes Gerhardt*, University of West Georgia, *The Problematic Synergy Between Evangelicals and the U.S. State in Sub-Saharan Africa.*
 Discussant(s): Carolyn Gallaher, American University
- 6134. Is Google Good for Geography? I: Web2.0 and the Political Economy of User Generated Geographical Knowledge (Sponsored by Communication Geography Specialty Group)**
Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Martin Dodge; Matthew Zook, University of Kentucky
 CHAIR(S): Matthew Zook, University of Kentucky
8:00 Richard Tomlinson, Professor*, University of Melbourne, *The Influence of Google on Urban Policy in Developing Countries.*
8:20 Elad Segev*, Keele University, *Intentional and Unintentional Biases in Google Earth and Google Maps.*
8:40 Florian Bauhuber; Marc Boeckler*, *Tourism and Imaginative Geographies 2.0.*
9:00 Tim Wallace*, University of Wisconsin - Madison, *Has Google Homogenized our Landscape?.*
9:20 Andrew Boulton*, University of Kentucky, *Citizens as sensors, citizens as censors? Google Maps and the ideology of invitation.*
- 6135. Hear No Evil? Interviewing the Powerful (Sponsored by Socialist and Critical Geography Specialty Group)**
Room: Skybox 207, Riviera Hotel, 2nd Floor (Panel Session)
 ORGANIZER(S): Robert B. Ross, Syracuse University; Clayton Rosati, Bowling Green State University
 CHAIR(S): Jamey Essex, University of Windsor
 Panelists: Robert B. Ross, Syracuse University; Jessica Hayes-Conroy, Pennsylvania State University; Richard A. Schroeder, Rutgers University; Patrick Vitale, University of Toronto; Clayton Rosati, Bowling Green State University; Alison Mountz, Syracuse University
- 6137. How the West was Spun: Challenging Traditional Narratives of the US West (Sponsored by Cultural and Political Ecology Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Robert Wilson, Syracuse University; Gregory Simon, Stanford University
 CHAIR(S): Jamie Winders, Syracuse University
8:00 Gregory Simon*, Stanford University, *The 100th meridian, ecological boundaries and the problem of reification.*
8:20 Robert Wilson*, Syracuse University, *What are we going to do with them?: Constructing the West's Geography of Japanese American Internment.*
8:40 John R Thistle*, UBC Geography, *Origins and Erasures: The Hidden History of Wild Horses in British Columbia, Canada.*
9:00 Sarah E. Hinman*, Idaho State University; Laura Woodworth-Ney, Idaho State University, *The Urban Landscape of Vice and Gender in the Interior West: Working and Elite Women in Helena, Montana, 1884 - 1930.*
9:20 Eric Compas*, University of Wisconsin-Whitewater, *Consolidating the Commons: Constructing the Greater Yellowstone Ecosystem.*
- 6139. Immigrants in Canada**
Room: Skybox 211, Riviera Hotel, 2nd Floor (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Bruce Newbold, McMaster University
8:00 Lei Xu*, California State University Fullerton, *Post-landing Relocations of Recent Immigrants in Canada: The Spatial and Temporal Patterns.*
8:20 David P Neligan, MA*, McMaster University; K Bruce Newbold, PhD, McMaster University, *Individual and Neighbourhood Level Effects of Smoking Cessation Amongst Immigrants in Canada.*
8:40 Lisi Feng*, University of British Columbia, *Transnational Social Space and Community Planning - A Case Study of Chinese in Vancouver (Canada).*
9:00 Anne-Marie Séguin*, Université du Québec, INRS-UCS; Philippe Apparicio, Université du Québec, INRS-UCS, *Putting to the test three myths about immigration in Montréal.*
9:20 Bruce Newbold*, McMaster University, *The Short-Term Health of Canada's New Immigrant Arrivals: Evidence from the LSIC.*

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6140. Soils, Sediments, and Geoarchaeology III (Sponsored by Geomorphology Specialty Group, Paleoenvironmental Change Specialty Group)

Room: Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Mike Benedetti, University of North Carolina Wilmington; Carlos E. Cordova, Oklahoma State University

CHAIR(S): Timothy Beach, Georgetown University

8:00 Mark D. Green, PhD*, Indiana State University; John E Foss, PhD., University of Tennessee, *Coastal Morphology in an Active Fault Region: Gulf of Atalanti, Central Greece.*

8:20 Christopher J.H. Ames*, Department of Anthropology, McGill University, Montreal, Canada; Carlos E. Cordova, Department of Geography, Oklahoma State University, Stillwater OK 74078, USA, *Reconstructing lacustrine fluctuations and hominid/human occupations in the Azraq Druze Basin, Jordan: a geoarchaeology of glacials and interglacials.*

8:40 Aaron Potito*, National University of Ireland, Galway, *The distribution of chironomid subfossils in western Ireland: potential for paleoenvironmental reconstructions.*

9:00 Mike Benedetti*, University of North Carolina Wilmington; J. Michael Daniels, University of Denver; Jonathan A. Haws, University of Louisville; Caroline L. Funk, *Late Quaternary Landscapes of the Portuguese Estremadura: Implications for Climate-Driven Geomorphic Change During Marine Isotope Stage 3.*

9:20 Jonathan Haws*, University of Louisville; Caroline Funk; Nuno Bicho, Universidade do Algarve; Michael Benedetti, University of North Carolina-Wilmington; J. Michael Daniels, Denver University, *Paleolithic landscapes and seascapes of the west coast of Portugal.*

6143. The Art of Geography: Photography, Youth and European Cities

Room: North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Alison Rooke, Goldsmiths

CHAIR(S): Alison Rooke, Goldsmiths

8:00 Ben Gidley*, Goldsmiths, University of London, *Youth geographies of risk in South London.*

8:20 Alison Rooke*, Goldsmiths, *Reading the Signs of the City: the Visual Cultures of European Cities.*

8:40 Caroline Knowles*, Goldsmiths, University of London, *(in)Visible Islam: religious architecture and urban landscape.*

9:00 Emma Jackson*, Goldsmiths, *Demanding Accounts? - Accessing the Worlds of Young Homeless People.*

9:20 Paul Halliday*, Goldsmiths, University of London, *Pictures from Nowhere.*

6144. The Physical Landscape: Air Quality, Ecosystems, and Niches

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Yichun Xie, Eastern Michigan University

8:00 Carolin Ferwerda*, Rutgers University Department of Geography; Dina Fonseca, PhD., Rutgers University Center for Vector Biology; Richard G. Lathrop, PhD., Rutgers University Grant F. Walton Center for Remote Sensing & Spatial Analysis, *Characterizing the Relationship between Asian Tiger Mosquito and Human Habitats in Urban New Jersey Using Ecological Niche Modeling and Spatial Statistics.*

8:20 Paporn Thebpanya*, Towson University, *Digital Techniques for Landscape Visualization.*

8:40 Matthew D Miller*, University of Georgia, *Modeling Component Interactions For Fragmented Landscapes.*

9:00 Yichun Xie*, Eastern Michigan University, *Grassland Degradation and Self-Organized Spatial Pattern Transition in Dryland Grazing Ecosystem.*

6145. The Geography of Cancer

Room: North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kristen Wells, University of Virginia

8:00 Dajun Dai*, Northern Illinois University, *Spatial accessibility of mammography screening facilities and its association with late-stage breast cancer diagnosis in Michigan.*

8:20 Nicole L Vanosdel, BS, MA*, University of Nebraska Medical Center, *Lung, Colorectal, Prostate, Breast, Thyroid, Melanoma and Pediatric Cancers: Patterns, Clusters and Risks.*

8:40 Nancy Tian*, Texas State University, *Socioeconomic and Racial Inequalities in Mortality of Female Breast Cancer in Texas.*

9:00 Ann C. Klassen, PhD*, John Hopkins Bloomberg School of Public Health; Frank C Curriero, PhD, Johns Hopkins Bloomberg School of Public Health, *Validating Area-Level Behavioral Profiles for Cancer Research.*

9:20 Kristen M. Wells, MPH*, University of Virginia Health System; George J. Stukenborg, PhD., M.A., University of Virginia Health System; M. Norman Oliver, M.D., M.A., University of Virginia Health System, *Residential Segregation and Prostate Cancer Post-Diagnosis Treatment and Outcomes.*

6146. The Fallout of the Spectacle

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Shiloh R. Krupar, University of California, Berkeley

CHAIR(S): Shiloh R. Krupar, University of California, Berkeley

8:00 Al Stefan*, UC Berkeley, *Branding Las Vegas: A User's Guide.*

8:20 C. Greig Crysler*, UC Berkeley, *Designing (In)security.*

8:40 Shiloh R. Krupar*, Georgetown University, *Transuranic Camp: Spectacles of Waste.*

9:00 Trevor Paglen*, U.C. Berkeley, *The Other Basin and Range.*

6147. 'Aerographies I': re-thinking unthought elemental and metaphysical assumptions in recent human geographies (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Southeastern Geographer)

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Mark Jackson, University of Bristol; Maria Fannin, University of Bristol

CHAIR(S): Mark Jackson, University of Bristol

8:00 Craig Martin*, Royal Holloway, University of London, *Fog-bound: Lost, Amongst, Amidst.*

8:20 Kathleen Stewart*, University of Texas, *Atmospheric Attunement.*

Introducer: Mark Jackson

Introducer: Maria Fannin

8:40 Jason Groves*, PhD Candidate, *Porosity. Exploring an Unremarkable Figure in the Poetry of Paul Celan.*

9:00 Jason Mohaghegh, PhD., Assistant Professor of Philosophy*, Northeastern Illinois University, *Shadow-Becomings: Chaos, Consciousness, and the Aerial Spatiality of PostHumanist Thought.*

Discussant(s): Werner Krauss, University of Texas at Austin

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6148. Hurricanes V: Paleotempestology (Sponsored by Climate Specialty Group, Coastal and Marine Specialty Group, Paleoenvironmental Change Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State University; Harry Williams, University of North Texas

CHAIR(S): Lisa M. Kennedy, Virginia Tech

8:00 Jonathan Nott*, James Cook University, *Tripling the odds of reducing risk from tropical cyclones under a future climate - probabilistic and deterministic models and palaeodata.*

8:20 Lisa M. Kennedy, PhD*, Department of Geography, Virginia Tech, Blacksburg, VA; Kam-biu Liu, PhD, Department of Oceanography and Coastal Sciences, LSU, Baton Rouge, LA; Devyani Kar, PhD Candidate, Department of Oceanography and Coastal Sciences, LSU, Baton Rouge, LA; Terrence McCloskey, PhD Candidate, Department of Oceanography and Coastal Sciences, LSU, Baton Rouge, LA; Allison Leblanc, MS Student, Department of Geography, Virginia Tech, Blacksburg, VA; Amos Desjardins, PhD Student, Department of Geography, Virginia Tech, Blacksburg, VA, *Sedimentary Records of Hurricane Landfalls in Coastal Lakes of the Dominican Republic.*

8:40 Terry McCloskey*, Louisiana State University; Kam-biu Liu, Louisiana State University; Gerald R Urquhart, Michigan State University; Claudia Patricia Taleno, Centro para la Investigacion en Recursos Acuaticos, Universidad Nacional Autonoma de Nicaragua, *Hurricane history for the southern Caribbean coast of Nicaragua.*

9:00 Devyani Kar, PhD Candidate*, Louisiana State University; Kam-biu Liu, PhD, Louisiana State University; Terrence McCloskey, PhD Candidate, Louisiana State University, *Applications of Paleotempestology in Hurricane Risk Assessment of Northern Nicaragua's Mosquito Coast.*

9:20 Lawrence M Kiage*, Georgia State University, *The Paleohurricane Record from the Barrier Islands of Coastal Georgia.*

6149. Landscape, Identity, and Fertility

Room: North Hall N110, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Laragh Larsen

8:00 Matthew Landers*, University of Oregon, *"Catalunya is a country": Regionalism and Universal Value in Catalan World Heritage Sites.*

8:20 Jirina Kocourkova*, Charles University Prague, *Lowest-low Fertility in Europe: Is There a Need for Population-friendly Policies?.*

8:40 Pia Anderson, Dr.*, American University of Sharjah, *Heritage Presentation in the United Arab Emirates.*

9:00 Laragh Larsen*, *The Fate of Colonial-Era Monuments in Nairobi.*

6150. Fire and Remote Sensing

Room: North Hall N111, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kirsten Barrett, USGS

8:00 Brian Tolk*, SGT, Inc - Contractor to the USGS EROS; James Vogelmann, USGS EROS; Jay R Kost, SGT, Inc - Contractor to the USGS EROS, *Identifying Change Within Landfire Land Cover Products.*

8:20 Rhett L. Mohler*, Kansas State University, *A comparison of red, NIR, and NDVI for detecting persistence of burn signatures in tallgrass prairie.*

8:40 Matthew S Borr*, University of Maryland College Park, *Using MODIS Imagery to Identify Vegetation Regrowth Trajectories in Burned Areas in the Interior of Alaska.*

9:00 Kirsten Barrett, PhD*, USGS, *Mapping Variations in Burn Severity in the Alaskan Boreal Forest Using Spectral and Non-spectral Data.*

6151. Environmental Governance and Management

Room: North Hall N112, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Patricia Hackbarth

8:00 Laurie Dickmeyer*, University of British Columbia, *The Banff-Bow Valley Study: Science, Values, Policy and Wildlife Management.*

8:20 Dianne Scott*, University of Kwazulu-Natal; Oelofse Catherine, University of KwaZulu-Natal, *The politics of waiting: Environmental governance in South Africa.*

8:40 Anne C. Axel*, Michigan State University, *An ecologist goes political: the social complexities of livestock in lemur landscapes in southern Madagascar.*

9:00 Matthew Branch*, Pennsylvania State University, *Performance of being a "Forest Defender".*

9:20 Patricia Hackbarth*, Hunter College, CUNY, *Remote Sensing and the Unmaking of the Literary Landscape.*

6153. Displacing the Natural: Links between Political Ecology, Industrialization, and Consumption

Room: North Hall N114, Las Vegas Convention Center (Panel Session)

ORGANIZER(S): Matthew Huber, Clark University; Nayna Jhaveri, Colgate University

Panelists: Diana M. Liverman, University of Arizona/Oxford University; Kevin St. Martin, Rutgers University; Jacque L. Emel, Clark University; Julie Guthman, Univ of California Santa Cruz; Scott Prudham, University of Toronto; Gabriela Valdivia, University of North Carolina, Chapel Hill

6154. GIS & Transportation

Room: North Hall N115, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jun Yan, Western Kentucky University

8:00 Xiaoguang Wang*, University of Michigan; Joe Grengs, University of Michigan, *How Urban Form Influences Driving: Insights from Global Positioning Systems.*

8:20 Mona Kashiha*, department of geography and Earth Sciences, UNC Charlotte; Jean_Claude Thill, Department of Geography and Earth Sciences, UNC Charlotte, *Building a Wayfinding Data Model Based on Qualitative Spatial Reasoning.*

8:40 Cheng Liu, Dr.*, Oak Ridge National Laboratory; Budhendra L. Bhaduri, Dr., Oak Ridge National Laboratory, *Numerical results on different shortest path algorithms within an ultra large street network.*

9:00 Jianquan Cheng*, Department of Environmental and Geographical Sciences, Manchester Metropolitan University, *Evaluating transit services using disaggregate data and competition models.*

9:20 Jun Yan*, Western Kentucky University, *Excess Commuting in Small-Size U.S. Cities.*

FRIDAY, MARCH 27 • 8:00 AM - 9:40 AM • 6100**6155. Concepts, Tools and Applications: The Rise of Neogeography**
Room: North Hall N116, Las Vegas Convention Center (Paper Session)

- ORGANIZER(S): Andrew Hudson-Smith, University College London; Andrew Crooks, University College London
 CHAIR(S): Andrew Crooks, University College London
8:00 Verity Vlodovic*, University of Nottingham, UK; Gary Priestnall, University of Nottingham, UK; Nick Mount, University of Nottingham, UK, *Making your mind up: Second Life bucks the trend as the fizz goes out of GIS.*
8:20 Alex D Singleton*, University College London; Paul A Longley, Professor, University College London, *Virtual Geodemographics.*
8:40 Andrew P Hudson-Smith, Dr*, University College London, *Neogeography: Crowdsourcing and Mapping for Masses.*
9:00 Paul A. Longley*, University College London; Dimitris Kavrouidakis, University College London; Pablo Mateos, University College London; Richard Milton, University College London; Michael Batty, University College London, *Geovisualisation of the 2011 UK Census. Bringing the decennial Census to the Google generation.*
9:20 Donald Cooke*, Tele Atlas, *Neogeography and Crowdsourcing: the View from a Walled Garden.*

6156. Land Use Planning and Analysis

- Room: North Hall N117, Las Vegas Convention Center (Paper Session)*
 ORGANIZER(S): Program Committee
 CHAIR(S): Ryan James, University of North Carolina Charlotte
8:00 Yi-Chen Wang*, National University of Singapore; Chen-Chieh Feng, National University of Singapore, *Applying self-organizing map to explore patterns in land change research.*
8:20 Jia Lu*, The Catholic University of America, *Land-use Structure Analysis in Central Ohio.*
8:40 Daniel Fitz-Patrick, West Chester University; Dorothy Ives-Dewey*, West Chester University, *Conservation Design in Chester County, Pennsylvania: Assessing Preservation Outcomes.*
9:00 Ryan James*, University of North Carolina Charlotte, *Modeling Legislative Response to Kelo v New London.*

6157. Bad Stuff: Pollution and Alcohol

- Room: North Hall N118, Las Vegas Convention Center (Paper Session)*
 ORGANIZER(S): Program Committee
 CHAIR(S): William F. Wieczorek, Buffalo State College
8:00 Caroline Barakat Haddad*, McMaster University; Susan Elliott, McMaster University, *Assessing the Long-term Health Impacts of Childhood Exposure to Air pollution.*
8:20 CHIEN-CHOU CHEN*, UTDallas; Michael Tiefelsdorf, UTDallas, *Merging Public Health, Census and Commuting data to Estimate Local Tobacco Demand.*
8:40 Robert Lipton, PhD., MPH*, Beth Israel Deaconess Medical Center, *The Geography of Alcohol Outlets and Violence in Boston.*
9:00 William F. Wieczorek, PhD*, Center for Health and Social Research, Buffalo State College; Alan M. Delmerico, MA, Center for Health and Social Research, Buffalo State College, *Calibrating Small Area Indicators of Alcohol Availability Using Ancillary Data.*

6158. Urban Rail Transportation

- Room: North Hall N119, Las Vegas Convention Center (Paper Session)*
 ORGANIZER(S): Program Committee
 CHAIR(S): James Skinner
8:00 Matti Siemiatycki*, University of Toronto, *Restarting Historic Railway Services: A Case Study of Metro Vancouver.*
8:20 Jiuxu Cui*, CUNY - Graduate Center; Jeffrey Osleeb, PhD, Department of Geography, University of Connecticut; Yehuda Klein, PhD, CUNY - Graduate Center, *An Endogenous Approach To Identify Multiple Rent Centers For Metropolitan Areas With Rail Transit Systems.*
8:40 Sutapa Bhattacharjee*, Graduate Student, University of Denver, *Impact of light-rail transits on road congestion in U.S.*
9:00 James Skinner*; Sonya Glavac*, Arizona State University, *New Light Rail Systems in the United States and Their Social and Economic Impacts.*

6159. Latin America Landscapes I: Human Dimensions (Sponsored by Latin America Specialty Group)

- Room: North Hall N120, Las Vegas Convention Center (Paper Session)*
 ORGANIZER(S): Nancy Hoalst-Pullen, Kennesaw State University; Mark Patterson, Kennesaw State
 CHAIR(S): Mark Patterson, Kennesaw State
8:00 Mark Patterson, PhD.*, Kennesaw State University; Jorge Marin Alfaro, Centro de Estudios Avanzados en Zonas Áridas; Nancy Hoalst Pullen, PhD., Kennesaw State University; Doug Oetter, PhD., Georgia College and State University; Edilia Jaque Castillo, PhD., Universidad de Concepcion, *Modified landscapes: the impact of the forestry sector on the human landscape in South-Central Chile since 1974.*
8:20 Jason Davis*, U.C. Santa Barbara, *¿Educación o Desintegración? The Ramifications of Parental Migration and Remittances on Children's Education in Western Guatemala.*
8:40 Antonio C Bellisario*, Metropolitan State College of Denver, *Chile's neoliberalism: urban income inequality and economic growth.*
9:00 Gabriela Sauter, BA, MSc*, University of Toronto, *Community Strengthening for Social Sustainable Development: A Case Study of Mutual Aid Housing in Uruguay.*
9:20 Mariano Gonzalez Roglich*, *The importance of private lands for conservation: land cover change analysis in the Caldenal Region, Argentina.*

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6201. Extraction of Information From Remote Sensing

Room: Grande Ballroom C, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeong Chang Seong, University of West Georgia

10:10 Michael P Toomey*, University of California, Santa Barbara; Dar Roberts, PhD, University of California, Santa Barbara, *Epiphylls influence remote sensing of humid forests.*

10:30 Lee Stocks, MA, ABD*, Kent State University, *Object-Oriented Landform Analysis For Sinkhole Inventory.*

10:50 Lorna Apper*, UCLA Geography, *A remote sensing and geographic information systems analysis of Los Angeles urban forest canopy cover and its correlation with temperature, species richness, and biomass.*

11:10 Jeong C. Seong*, University of West Georgia; Gi-Choul Ahn, Snohomish County, WA; Yun S. Choi, University of Seoul, *Exploring Parallel Image Processing with CUDA and GPU.*

6202. Ethnic Geography 2

Room: Grande Ballroom D, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thomas D. Boswell, University of Miami

10:10 Ira M. Sheskin*, University of Miami, *The Jewish Community of Las Vegas.*

10:30 Edris J. Montalvo*, Texas State University - San Marcos, *Latino and African-American Enrollment and Recruitment in Public Universities in the American West.*

10:50 Nicki R Damiano, M.A. Student*, Binghamton University, *Latinization of Orange County, New York. With a Focus on Middletown, New York.*

11:10 Michael Nelson*, Vanderbilt University, *Spatial Housing Market Segmentation and Neighborhood Racial Composition.*

11:30 Thomas D. Boswell, PhD*, University of Miami; Uzo Anucha, PhD., York University, *Comparative Profiles of Blacks in Canada and the United States.*

6203. Geomorphology: Erosion and Deposition

Room: Grande Ballroom F, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeff Lee, Texas Tech University

10:10 Lee Weiss, B.Sc (Eng), Environmental*, University of Guelph; William G. Nickling, PhD., University of Guelph; Vicken Etyemezian, PhD., Desert Research Institute, *Characterizing dust emission potential in the Ivanpah Valley of the Nevada Mojave Desert.*

10:30 Ranbir S Kang*, The George Washington University, *Geomorphic analysis of three streams in Mason Neck peninsula, Fairfax County, Virginia.*

10:50 Jeffrey A. Lee*, Texas Tech University; Thomas E. Gill, University of Texas at El Paso, *Causes of Wind Erosion in the Dust Bowl.*

6204. Remote Sensing and GIS for Urban Analysis II (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Room: Grande Ballroom G, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State University; Victor Mesev, Florida State University

CHAIR(S): Victor Mesev, Florida State University

10:10 Michael John Widener*, Florida State University; Ralph Wilson IV, Florida State University; Victor Mesev, PhD, Florida State University, *Comparing the Fractality and Lacunarity of Urban Growth.*

10:30 Byong-Woon Jun*, Kyungpook National University, *An Approach to Linking Environmental Justice Analysis to Urban Quality of Life Assessment.*

10:50 Xiaojun Yang*, Florida State University, *Landscape Pattern Impacts on Coastal Water Quality in a Urban Watershed.*

11:10 Libin Zhou*, Florida State University; Xiaojun Yang, Florida State University, *Impacts of Neural Networks Architectures on Land Cover Mapping from Satellite Imagery.*

Discussant(s): Victor Mesev, Florida State University

6205. Climate, Wildfire, and Woodland Dynamics in the Great Basin of North America - II (Sponsored by Water Resources Specialty Group, Climate Specialty Group, Biogeography Specialty Group)

Room: Grande Ballroom H, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Franco Biondi, DendroLab, University of Nevada; Alan H. Taylor, Pennsylvania State University

CHAIR(S): Alan H. Taylor, Pennsylvania State University

10:10 Liam M Reidy*, University of California, Berkeley; Roger A Byrne, University of California, Berkeley, *Evidence for Vegetation Change During the last 300 years at Soda Lake, Nevada.*

10:30 Scotty D.J. Strachan*, DendroLab, Dept. of Geography, University of Nevada, Reno; Franco Biondi, DendroLab, University of Nevada, Reno, *Precise Dating of Comstock-Era Charcoal Ovens in the Great Basin: A Dendrochronological Perspective.*

10:50 Kurt Solander, MS Student*, Graduate Program in Hydrologic Sciences, University of Nevada-Reno; Laurel Saito, PhD, Department of Natural Resources and Environmental Sciences, University of Nevada-Reno; Jose Salas, PhD, Civil and Environmental Engineering, Colorado State University; Franco Biondi, PhD, Dendrolab, Department of Geography, University of Nevada-Reno, *The Application of a Dendro-Hydrologic Model to the Upper Meadow Valley Wash Watershed, Lincoln County, Nevada.*

11:10 Franco Biondi*, DendroLab, University of Nevada; Scotty Strachan, DendroLab, Department of Geography, University of Nevada, Reno, *An expanded tree-ring network for eco-hydro-climatic research in the Great Basin of North America.*

6206. Justice, Injustice, and Agency

Room: Royale Pavilion I, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Amanda Espy-Brown, University of Alabama

10:10 Trina C Halfhide*, University of South Florida; Fenda Akiwumi, University of South Florida; Maya Trotz, University of South Florida; Amy Stuart, University of South Florida; Joniqua Howard, University of South Florida; Ryan Michael, University of South Florida, *Mercury Perception, Community Awareness and Sustainability Implications for the Tampa Bay Region, Florida.*

10:30 Troy D Abel*, Huxley College of the Environment; Jonah White, Western Washington University, *Gentrified Risksapes and Environmental Injustice in Seattle, WA.*

10:50 HOSUK LEE*, Florida State University, *Political Ecology of Environmental Justice: With a Case Study of a Coal Plant in South Korea.*

11:10 Amanda Espy-Brown, PhD*, University of Alabama, *Effectiveness of Non-Infrastructure Initiatives in Promoting Active Transport to School.*

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6207. History of Cartography

Room: Royale Pavilion 2, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John T. Bauer, University of Nebraska at Kearney

10:10 Jake Coolidge*, San Jose State University, *Arthur H.*

Robinson: A Look at a Career.

10:30 Patrick McHaffie, Associate Professor*, Depaul University, *One Eye in the Land of the Blind: Mapping the New Deal.*

10:50 Fritz C. Kessler*, Frostburg State; Terry A. Slocum*, University of Kansas, *History of Thematic Mapping in the 20th Century: Design and Construction Issues.*

11:10 Kelly McCauley*, *Quilting Cartographica: Implementing Interdisciplinary Methods as a Way of Achieving Critical Cartography's Goals in a World History Context.*

11:30 John T. Bauer*, University of Nebraska at Kearney, *The Official Automobile Blue Book as a Precursor to the American Road Map.*

6208. Infectious Geographies 2

Room: Royale Pavilion 3, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Veronica Escamilla

10:10 Renato L Cerdana*, Ferris State University, *Monitoring Schistosomiasis japonicum in the Agusan River Basin, Philippines.*

10:30 Mohammad Ali*, International Vaccine Institute; Michael Emch, University of North Carolina at Chapel Hill; Mohammad Yunus, ICDDR,B, Dhaka, Bangladesh; John Clemens, jclemens@ivi.int, *Modelling Spatial Heterogeneity of Disease Risk and Evaluation of the Impact of Vaccination.*

10:50 Sophia Giebultowicz*, UNC Chapel Hill; Michael Emch, UNC Chapel Hill; Mohammad Ali, ICDDR,B, *Effects of social networks and space on cholera transmission in Bangladesh.*

11:10 Veronica Escamilla, M.A. *, University of North Carolina at Chapel Hill; Michael Emch, PhD., University of North Carolina at Chapel Hill; Alexander van Geen, PhD., Lamont-Doherty Earth Observatory of Columbia University; Yasuyuki Akita, M.S., University of North Carolina at Chapel Hill; Marc Serre, PhD., University of North Carolina at Chapel Hill; Lawrence Band, PhD., University of North Carolina at Chapel Hill, *Effects of Neighborhood Water and Sanitation on Diarrheal Disease Incidence in Rural Bangladesh.*

6209. Gendered (im)mobilities of knowledge and learning in the new economy (II) (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Royale Pavilion 4, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Sarah Hall, University of Nottingham; Al

James, Queen Mary, University of London

CHAIR(S): Al James, Queen Mary, University of London

10:10 Susan Lee Robertson, Professor*, University of Bristol, *Gendered Economies of Knowledge Production: Universities, Innovation, Incubators and Entrepreneurship.*

10:30 Sarah Hall*, University of Nottingham, *'The hard edge of soft capitalism'? Gendered geographies of financial business education.*

10:50 Mia Gray, PhD*, University of Cambridge, *Embedded and Embodied: an exploration of global knowledge mobility.*

11:10 Parvati Raghuram, Dr. *, The Open University, *Situating women in the brain drain discourse: discursive challenges and opportunities.*

Discussant(s): Andrew Jones, Birkbeck, University of London

6210. Issues in Sovereignty

Room: Royale Pavilion 5, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Philip E. Steinberg, Florida State University

10:10 Zachary N. Schulman*, George Washington University, *Cryopolitics and the New Geography of the Northwest Passage: Implications for Canadian Sovereignty.*

10:30 Christopher Stanley Gorsek, PhD. *, Mount Hood Community College/University of Portland, *Sovereignty Issues in the War on Terror.*

10:50 Philip E. Steinberg*, Florida State University; Rob M Shields, University of Alberta; Sandra J Fabiano, Florida State University, *Fixing Sovereignty amidst Dynamic Materiality: The Challenge of the Arctic.*

6211. Mobility, Access, and Livable Places

Room: Royale Pavilion 6, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Eva Andersson, Uppsala University

10:10 Johanne Sanschagrin*, Université Saint-Paul; Hélène Sanschagrin, Coordonnatrice de projets, *Working with differences: a pilot project in a commercial workplace.*

10:30 Katarzyna M Hano, PhD Candidate*, University of Waterloo, *Constraints to Leisure Participation: Defining and Explaining Concepts Relating to Leisure Constraints.*

10:50 Leonor Vanik*, UIC-Chicago; Janet Smith, PhD, UIC-Chicago, *Visualizing livable communities for people with disabilities.*

11:10 Anna Rose Royar*, University of Vermont, *Making and Living in an Elder-Friendly City.*

11:30 Eva Andersson*, Uppsala University; Marianne Abramsson, Linköping University, *Residential mobility patterns of elderly.*

6212. PySAL: Python Library for Spatial Analytical Functions (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Royale Pavilion 7, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Charles Schmidt, GeoDa Center for Geospatial Analysis and Computation

CHAIR(S): Serge Rey, San Diego State University

Introducer: Serge Rey

10:15 Charles R Schmidt*, GeoDa Center for Geospatial Analysis and Computation; Boris Dev, San Diego State University, *A Scalable Tile Map Service for Distributing Dynamic Choropleth Maps.*

10:35 Luc Anselin, GeoDa Center, ASU; Ibnu Syabri, Institut Teknologi Bandung; Mark McCann*, ASU, *OpenGeoDa - A Cross-Platform Tool for Geovisualization and Spatial Exploration.*

10:55 Andrew Scott Winslow*, GeoDa Center, ASU; Luc Anselin, GeoDa Center, ASU, *Implementing Network Models in Python.*

11:15 Xinyue Ye*, San Diego State University and UCSB; Sergio Rey, Arizona State University, *A Framework for Comparative Space Time Analysis.*

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6213. Imaginative Transportation

Room: *Royale Pavilion 8, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Andrew Mondschein, UCLA Department of Urban Planning

10:10 Kathleen (Kate) E. Deutsch*, University of California, Santa Barbara; Konstadinos G. Goulias, PhD., University of California, Santa Barbara, *Why should sense of place matter to travel behavior modeling and simulation?*

10:30 Ivy Dam*, McMaster University; Darren M. Scott, PhD, McMaster University; Antonio Paez, PhD, McMaster University; Rob D. Wilton, PhD, McMaster University, *Exploring the relationship between social influence and telecommuting: some preliminary evidence.*

10:50 Fang Ren*, University of Redlands; Mei-Po Kwan, Ohio State University, *The Internet, Mobility, and Everyday Life.*

11:10 Donggen Wang*, Hong Kong Baptist University, *Do Culture and Physical Factors Explain Differences in E-Shopping? A Cross-Country Analysis.*

11:30 Andrew Mondschein*, UCLA Department of Urban Planning; Evelyn Blumenberg, UCLA Department of Urban Planning; Brian D. Taylor, UCLA Department of Urban Planning, *Accessibility and Cognition: The Effect of Transportation Mode on Spatial Knowledge.*

6216. Movement of Expertise and Money

Room: *Capri 103, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Graeme Hugo, University of Adelaide

10:10 Shome Shimantini*, University of Kansas, *Remittances: A Tool for Development?*

10:30 Jonathan Mann Burkham*, University of Wisconsin - Milwaukee, *Remittance Led Development Strategies and the Political Rescaling of Mexico.*

10:50 Emma Stewart*, University of Strathclyde, *Eritrean Diaspora Networks: Mapping Online and Offline Connections.*

11:10 Jeffrey L. Gower, J.D.*, University at Buffalo - SUNY, *H1-B Visa Caps on Chinese Technology Professionals: A Return to the Chinese Restriction Laws?*

11:30 Graeme Hugo*, University of Adelaide, *Returning Youthful Nationals to Australia: Brain Gain or Brain Circulation?*

6217. Landscapes of Illumination

Room: *Capri 104, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Tim Edensor, Manchester Metropolitan

University; Steve Millington, Manchester Metropolitan University

CHAIR(S): Tim Edensor, Manchester Metropolitan University

10:10 Steve Millington, FIPM*, Manchester Metropolitan University, *Introducing Landscapes of Illumination.*

10:30 Mikkel Bille*, University College London, *The Luminosity of Protection.*

10:50 Tim Edensor*, Manchester Metropolitan University, *Illuminating Blackpool.*

11:10 Tim Flohr Sorensen*, University of Aarhus, Denmark, *Blackouts, shadows and the differentiation of social space.*

11:30 Tracey J. Potts*, University of Nottingham, *Sensing Neon Landscapes.*

6218. Representations of Race, Ethnicity, Whiteness, and Marginality in Contemporary Asia (Sponsored by Ethnic Geography Specialty Group, Asian Geography Specialty Group)

Room: *Capri 105, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Todd Lindley, Indiana University

CHAIR(S): Todd Lindley, Indiana University

10:10 Todd Lindley*, Indiana University, *Contemporary Representations of Whiteness in the Manila Urban Landscape.*

10:30 Daniel McGowin*, The Florida State University, *Hibakusha, Hiroshima and Postwar Identity in Japan.*

10:50 Raksha Pande*, Newcastle University, *Deconstructing 'arranged marriage': The case of South Asians in Britain.*

11:10 Hyunjoo Jung*, Seoul National University, South Korea, *A Multi-Scaled Approach to Gender Politics: the Case of Marriage Migrant Women in South Korea.*

11:30 Xin Fan*, Indiana University, Bloomington, *Imagining the Manchu Empire: the Global Circulation of the Discourse of Ethnicity and Its Local Resistance.*

6219. Globalization, Conflict and African Natural Resources

Room: *Capri 106, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John R. Palmer, Colby College

10:10 J. H. Leaman*, Villanova University, *Chad and Oil: The Resource Curse.*

10:30 Deborah Kittner, MPA*, University of Cincinnati, *Diamonds in the Rough: Beautiful Diamonds in the Dirt of Congolese Corruption.*

10:50 Sigismund Ayodele Wilson*, Michigan State University, *Diamond Conflicts in Kono District Sierra Leone: An Actor-Oriented Political Ecology.*

11:10 John R. Palmer*, Colby College, *Fast fortunes and tiny taxes for tropical timber exported as logs to China and India.*

6220. Rural and Exurban Dynamics II (Sponsored by Rural Geography Specialty Group, Urban Geography Specialty Group, Regional Development and Planning Specialty Group)

Room: *Capri 107, Riviera Hotel, 1st Floor* (Paper Session)

ORGANIZER(S): Christopher Badurek, Appalachian State University

CHAIR(S): Richard Crepeau, Appalachian State University

10:10 Susan J. Gilbertz*, Montana State University-Billings; Eric Austin, Montana State University Bozeman, *Ironic Icon: Private Property Rights as the Vanguard of Western Values.*

10:30 Andree Tremoulet*, Portland State University, *The Political Economy of Mobile Home Park Closures In Oregon.*

10:50 Nicole Prchal Svajlenka*, The George Washington University, *"Rural Landscape Change: Forest Recovery and Urban to Rural Migration in Eaton, NY".*

11:10 Stephanie Smith*, Appalachian State University, Department of Geography and Planning; Dr. Gabrielle Katz, Appalachian State University, Department of Geography and Planning, *Multi-scale Effects of Land Use on Biotic Diversity in a Rural and Exurban Landscape.*

FRIDAY, MARCH 27 • 10:10 AM - 11:50 AM • 6200**6221. African Geography 2**

Room: Capri 108, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Maction Komwa

10:10 Clement Otu-Tei*, Central Washington University; Clement Otu-Tei, Central Washington University, *Socio-economic Impacts of Hydro Power Dam: A Case Study of Bui Dam, Ghana (West Africa)*.

10:30 Fatai Ogundele*, Jubril Olatunbosun Akinde, Emerging Communities Development Initiative, *Public Water Supply in Lagos Metropolis, Nigeria*.

10:50 Laurel J. Hummel*, US Military Academy, *The Geography of Martyrdom: Darnah, Libya as "Flashpoint City"*.

11:10 Francis Machungo*, Graduate Student, *U.S. Mainstream Media Coverage of the HIV/AIDS epidemic in Africa from 1983 to 2007*.

11:30 Maction Komwa, PhD Candidate*, George Mason University; Kathryn H Jacobsen, George Mason University; Dawn Parker, George Mason University, *HIV/AIDS, Diet, and Labor: Knowledge, Beliefs, and Practices in Southeastern Uganda*.

6222. Perspectives on U.S. Historical Geography

Room: Capri 109, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Darrell Kruger, Illinois State University

10:10 Andrew G Allen*, University of Kansas, *Post Office Establishment as Settlement Proxy Data in Nebraska*.

10:30 Ashley J. Barnett*, University of Nebraska-Lincoln, *Gone But Not Forgotten: A Study of the Gravestones of Two Early Nebraska River Towns*.

10:50 Samuel M. Otterstrom*, Brigham Young University, *An Uneven Geography of Past Places: The US West's Historical Landmarks*.

11:10 Darrell Kruger*, Illinois State University; Sarah Teeters, Illinois State University, *Lincoln: An Upland Southerner? Evidence from Central Illinois*.

6224. Ecologies and Politics of Health II (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Medical Geography Specialty Group)

Room: Capri 112, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Brian King, The Pennsylvania State University; Kelley A. Crews, University of Texas

CHAIR(S): Kelley A. Crews, University of Texas

10:10 Brian King*, The Pennsylvania State University, *Disease narratives and the body politic: the HIV/AIDS crisis in South Africa*.

10:30 Chantelle AM Richmond*, The University of Western Ontario, *Environmental Dispossession and the Determinants of First Nation and Inuit Health*.

10:50 Pierpaolo Mudu*, Università Di Roma, *Mapping Industrial Risk: Critical Practices beyond Cartographic Exercises*.

11:10 Lisa Shanti Chaudhari*, University of Georgia, *Locating transnational health resources and behavior in Atlanta, Georgia and Trinidad and Tobago*.

Discussant(s): Kelley A. Crews, University of Texas; Brian King, The Pennsylvania State University

6225. GIS and mapping on the Web

Room: Capri 113, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Sterling Quinn, Penn State; Sean O'Connor, Georgetown University

CHAIR(S): Sterling Quinn, Penn State

10:10 Sterling Quinn, MGIS Candidate*, Penn State University, *A predictive model for frequently viewed tiles in a Web map*.

10:30 Sean O'Connor*, Georgetown University, *Communicating with Maps: Leveraging Opportunities in the Information Age*.

10:50 Chetan Tiwari*, University of North Texas, *Constructing a Web-Based System for Disease Mapping*.

11:10 Richard Taketa*, San Jose State University, *Using a Web-based GIS to Teach Problem-based Science in High School and College: The Google Maps Component*.

11:30 James B. Pick*, University of Redlands; Paolo Tovar, *Spatial-Edge, Architecture, Management, and Benefits of Web-based Spatial Applications*.

6226. Geographies of Health Care & Health Services II (Sponsored by Medical Geography Specialty Group)

Room: Capri 114, Riviera Hotel, 1st Floor (Paper Session)

ORGANIZER(S): Valorie Crooks, Simon Fraser University; Sarah Lovell, University of Auckland

CHAIR(S): Valorie Crooks, Simon Fraser University

10:10 Sarah A Lovell, PhD*, University of Auckland, *The Place for Geography in Health Promotion: A study of community capacity building in New Zealand and Ontario*.

10:30 Nadine Schuurman*, Simon Fraser University; S. M. Hameed, M.D., MPH, FRCSC, University of British Columbia, *Use of GIS to study a trauma system in the developing world*.

10:50 Mark W. Rosenberg, PhD*, Queen's University, *Twenty Years of Geographic Change in the Elderly Population: The Challenges of Delivering Formal and Informal Care*.

11:10 Carla C Keirns, RWJ Clinical Scholars Program, University of Michigan; Michael L. Dorn*, Temple University, *Health Seekers, the American West: Climate, Culture and Ecology since 1900*.

6228. Geographical Perspectives of the 2008 Elections (Sponsored by Political Geography Specialty Group)

Room: Capri 116, Riviera Hotel, 1st 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: Gerald R. Webster, University of Wyoming; Fred M. Shelley, University of Oklahoma; Ryan Douglas Weichelt, University of Central Oklahoma; John Heppen, University of Wisconsin River Falls; John Clark Archer, University of Nebraska; Robert Howard Watrel, South Dakota State University; Barney Warf, University of Kansas; Heather Hollen Jones, University of Oklahoma

FRIDAY, MARCH 27 • 10:10 AM - 11:50 AM • 6200

- 6229. Metropolis (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**
Room: Skybox 201, Riviera Hotel, 2nd Floor (Panel Session)
ORGANIZER(S): Carlos Teixeira, University of British Columbia Okanagan
CHAIR(S): Carlos Teixeira, University of British Columbia Okanagan
Panelists: Thomas Sydney Carter, Kathy Sherrell, University of British Columbia; Wei Li, Arizona State University; Dan Hiebert, University of British Columbia; Heather Anne Smith, University of North Carolina at Charlotte; Carlos Teixeira, University of British Columbia Okanagan
- 6230. Region and identity in a globalizing world: producing and reproducing state spaces**
Room: Skybox 202, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Anssi Paasi, University of Oulu
CHAIR(S): Anssi Paasi, University of Oulu
Introducer: Anssi Paasi
10:15 Anssi Paasi*, University of Oulu, *Context, region and identity: a critical evaluation of a taken-for-granted relation.*
10:35 Joni Vainikka*, *Regional identity, social movements and mobilities.*
10:55 Kaj Stefan Zimmerbauer*, University of Oulu, *Unusual regionalism in northern Europe: Barents region in the making.*
11:15 Tanja Löytynoja*, University of Oulu, *Tourism, regionalization and the construction of regional identities at the Finnish-Russian border.*
Discussant(s): Martin R. Jones, University of Wales, Aberystwyth
- 6231. Subaltern Geopolitics**
Room: Skybox 203, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Joanne P. Sharp, University of Glasgow
CHAIR(S): Joanne P. Sharp, University of Glasgow
10:10 Sara Koopman*, University of British Columbia, *Alter-Geopolitics: Another Geopolitics is Possible.*
10:30 Joanne P. Sharp*, University of Glasgow, *A subaltern critical geopolitics of the "war on terror": postcolonial security in Tanzania.*
10:50 Christopher G Harker*, University of British Columbia, *Geopolitics and family practices in Palestine.*
11:10 Ron J Smith, M.A., PhD*, University of Washington, *Geographing the Territories: The Israeli Occupation in Local Geographical Perspective.*
11:30 Emily Gilbert*, University of Newcastle, Australia, *From Intervention to Incorporation: Terrorism, Security and Geopolitics in the South Pacific.*
- 6232. Regional Economics**
Room: Skybox 204, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Program Committee
CHAIR(S): Anna R. Carson, Indiana State University
10:10 Gashawbeza W. Bekele*, Tennessee State University, *Regional Economic Structure and Cluster Growth.*
10:30 Robert Urbatsch*, Iowa State University, *The Evolution of State Economic Profiles.*
10:50 Bravishwar Mallavarapu*, UCLA Urban and Regional Planning, *Multi-Dimensionality of Regional Competences - the Whole and the Part and the Whole?.*
- 11:10** Richard Shearmur*, INRS-UCS, University of Québec, *Neo-Regionalism and Spatial Analysis : Complementary Approaches to the Geography of Innovation?.*
- 11:30** Anna R. Carson, PhD*, Indiana State University, *Transplanting spatial analysis tools from physical to economic geography: A case study.*
- 6233. Disasters: Bangladesh and Beyond (Sponsored by Hazards Specialty Group)**
Room: Skybox 205, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Bimal Kanti Paul, Kansas State University; Harun Rashid, University of Wisconsin-La Crosse
CHAIR(S): Bimal Kanti Paul, Kansas State University
10:10 Harun Rashid*, University of Wisconsin-La Crosse, *Cross-cultural preferences for structural vs. non-structural flood hazard alleviation.*
10:30 Brian Robert Cook*, Durham University, *Knowledge and Flood Management in Bangladesh: Assumptions and Implications of the Vulnerability Approach.*
10:50 Deborah L. Che*, Kansas State University; Bimal K. Paul, Kansas State University, *Rebuilding Tornado-Leveled Greensburg, Kansas, as Greensburg GreenTown: For Whom?.*
11:10 Bimal Kanti Paul*, Kansas State University, *Why So Few People Died? The Case of Bangladesh's Cyclone Sidr.*
11:30 Salim Momtaz*, Centre for Sustainable Use of Coasts and Catchments, University of Newcastle, Australia; Zobaidul Kabir, Centre for Sustainable Use of Coasts and Catchments, University of Newcastle, Australia; William Gladstone, A. Professor, Centre for Sustainable Use of Coasts and Catchments, University of Newcastle, Australia, *Reviewing the effectiveness of environmental impact assessment system using a holistic approach.*
- 6234. Is Google Good for Geography? II; Web2.0 and the Political Economy of User Generated Geographical Knowledge (Sponsored by Communication Geography Specialty Group)**
Room: Skybox 206, Riviera Hotel, 2nd Floor (Paper Session)
ORGANIZER(S): Martin Dodge; Matthew Zook, University of Kentucky
CHAIR(S): Martin Dodge
10:10 Matthew Zook*, University of Kentucky; Mark Graham, Trinity College Dublin, *Mapping the GeoWeb: The Spatial Contours of Web 2.0 Cyberspace.*
10:30 Jeremy Crampton*, Georgia State University, *Mapping Without a Net: Only for Google to Rope Us In?.*
10:50 Sean P Gorman, PhD*, FortiusOne, *Can the GeoWeb Get the Public to Care about Geography? The Positive Externalities of a Web Enabled Ecosystem.*
11:10 Michael E. Crutcher*, University of Kentucky; Matthew Zook, University of Kentucky, *Placemarks and Waterlines: Racialized Landscapes in Post Katrina Google Earth.*
Discussant(s): Michael F. Goodchild, University of California - Santa Barbara

FRIDAY, MARCH 27 • 10:10 AM - 11:50 AM • 6200**6235. Resource Transitions in Post-Productivist Landscapes (Sponsored by Economic Geography Specialty Group, Rural Geography Specialty Group)***Room:* Skybox 207, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Darla Munroe, Ohio State University; Jill K Clark, Department of Geography, The Ohio State University

CHAIR(S): Jill K Clark, Department of Geography, The Ohio State University

10:10 Jill K Clark*, Department of Geography, The Ohio State University; Darla K. Munroe, Department of Geography, The Ohio State University, *The Relational Geography US Peri-Urban Agricultural Adaptations.***10:30** Bradley Wilson*, Rutgers University, *Making Space for Alternative Trade: Revolution, Reform and the Quality Coffee Transition in Nicaragua.***10:50** Richard A. Russo, PhD. candidate*, University of Maryland, *Planting a Commensal Landscape: Farmland Preservation and Agricultural Change in Post-Tobacco Southern Maryland.***11:10** Julia Hobson Haggerty, PhD*, Headwaters Economics; Mark N. Haggerty, Headwaters Economics; Ben Alexander, Headwaters Economics; Jeff van de Noort, Headwaters Economics, *Fiscal Policy, Economic Position, and the Dangers of the Resource Curse in the Energy-Surging West.***11:30** Darla K. Munroe*, Ohio State University, *Land-lake Relationships and the Amenity Economy of Lake Erie.***6237. Urban Greenscapes: Parks in the Industrial and Neoliberal City (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)***Room:* Skybox 209, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Phil Birge-Liberman, Syracuse University; Jeremy Bryson, Syracuse University

CHAIR(S): Phil Birge-Liberman, Syracuse University

10:10 Elaine Kovacs*, *From Horticultural Paradise to Children's Pleasure Ground: Envisioning Roeding Park of Fresno, California.***10:30** Melanie K Jones*, University of Cambridge, *Municipal Parks As An Aid To Urban Regeneration In Early Twentieth Century Nashville.***10:50** Jeremy Bryson*, Syracuse University, *The Nature of Gentrification: Brownfields, Parks, and Condos on the Spokane River.***11:10** Phil Birge-Liberman*, Syracuse University, *Urban Greening: Reproducing Public Parks for the Sustainable City.***11:30** Henry W. Lawrence*, Edinboro Univ of Pennsylvania, *City trees: Coevolution of roles for sustainability and pleasure.***6238. Urban Ecosystems: exploring social and biophysical interactions (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)***Room:* Skybox 210, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Tenley Conway, University of Toronto

CHAIR(S): Tenley Conway, University of Toronto

Panelists: Robert J. Neff, UMBC (University of Maryland, Baltimore County); Colin Polsky, Clark University; Harold Alan Perkins, Ohio University; Kelli L. Larson, Arizona State University; Dan Brown, University of Michigan

6239. Teaching Political Geography - In Honor of Julian Minghi (Sponsored by Political Geography Specialty Group)*Room:* Skybox 211, Riviera Hotel, 2nd Floor (Panel Session)

ORGANIZER(S): Paulina Raento, University of Helsinki & The Finnish Foundation for Gaming Research

CHAIR(S): Guntram Herb, Middlebury College

Panelists: Julian V. Minghi, University of South Carolina; Kevin R. Cox, Ohio State University; Colin Flint, University of Illinois; Guntram Herb, Middlebury College; Paulina Raento, University of Helsinki & The Finnish Foundation for Gaming Research; Fiona M. Davidson, University of Arkansas

6240. Soils, Sediments, and Geoarchaeology IV (Sponsored by Geomorphology Specialty Group, Paleoenvironmental Change Specialty Group)*Room:* Skybox 212, Riviera Hotel, 2nd Floor (Paper Session)

ORGANIZER(S): Mike Benedetti, University of North Carolina Wilmington; Carlos E. Cordova, Oklahoma State University

CHAIR(S): Timothy Beach, Georgetown University

10:10 Paul Adderley*, University of Stirling, *Geoarchaeological Investigations of c. 4000 year old Settlement Sites in the Lake Chad basin, Northern Nigeria.***10:30** Valery J. Terwilliger*, University of Kansas; Tsige Gebru, University of Addis Ababa; Nikki Strong, Smithsonian Tropical Research Institute; Mohammed Umer, University of Addis Ababa; Yongsong Huang, Brown University; Zewdu Eshetu, Ethiopian Institute of Agricultural Research, *Were There Relationships Between Environmental Changes and Human Societal Developments in Northern Ethiopia?.***10:50** Dorothy E. Freidel, PhD*, Sonoma State University; Deborah M Pearsall, PhD, University of Missouri-Columbia; John G Jones, PhD, Washington State University; Neil A Duncan, M.A., University of Missouri-Columbia, *Paleoenvironmental evidence from estuarine sediment cores, coastal Ecuador.*

Discussant(s): Vance Holliday; William E. Doolittle, University of Texas

6243. The Media's Influence on Geography*Room:* North Hall N101, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joseph T. Manzo, Concord University

10:10 Nicole Reiz*, University of Kansas, *A Critical Analysis of the Media's Representation of Violence in Uganda.***10:30** Necati Anaz*, The University of Oklahoma, *Challenging Ameri-Kingdom: The geopolitics of entertainment and the case of Valley of the Wolves-Iraq.***10:50** Jason Ridgeway*, United States Military Academy, *Kirkuk in the News: Representations of an Iraqi City in the International Media.***11:10** Eric DAUDE*, CNRS/ UMR IDEES / University of Rouen (France); Emmanuel ELIOT, CNRS / UMR IDEES / University of Le Havre (France), *Representations of Cholera: Discourse on the second cholera pandemic (1826-37) in a local French newspaper.***11:30** Joseph T. Manzo*, Concord University, *Video and the Themes of Geography.*

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6244. The Political Ecology of Biofuels: Interrogating the Agriculture/Energy Nexus

Room: North Hall N102, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Gail Hollander, Florida International University

CHAIR(S): Gail Hollander, Florida International University

10:10 Sean Gillon*, University of California, Santa Cruz, *US Corn Ethanol Production: Renegotiating social and ecological outcomes.*

10:30 Gail Hollander*, Florida International University, *Power is Sweet: Toward a Political Ecology of Sugarcane in the Emerging Global Ethanol Assemblage.*

10:50 Benjamin Matthew Munro*, Kansas State University, *Midwestern Biofuels: Putting the Phenomenon in Global Geopolitical Context.*

11:10 Matthew John Taylor, Dr.*, University of Denver, *Who Wins With Guatemala's Proliferation of Biodiesel Production?*

Discussant(s): Rod Neumann, Florida Intl Univesity

6245. Science and Technology in the Economy

Room: North Hall N103, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Alastair McPherson

10:10 Der-Shiuan Lee*, Arizona State University, *Effects of Interregional Networks of Collaboration in Biotechnology Corporate Space.*

10:30 Jaime A Olavarria*, University of Sussex/Talca, *The Performance of Biotechnology Clusters in England.*

10:50 Rajiv R. Thakur*, University of South Alabama, *Science and Technology Indicators in Alabama: A Policy Geography.*

11:10 Olof Ejermo*, CIRCLE/Lund University; Björn Terje Asheim, CIRCLE/Lund University, *Technological coherence and related variety of innovation.*

11:30 Alastair H McPherson, Visiting Research Fellow*, Bentley University; Sean M McDonald, Associate Professor, Bentley University, *The Evaluation of Life Sciences Innovation Interventions.*

6246. Managing the Hurricane Katrina Disaster: Mitigation, Preparedness, Response, and Recovery

Room: North Hall N107, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Micah Brachman; Reginald S. Archer, University of California, Santa Barbara

CHAIR(S): Micah Brachman

10:10 Micah Brachman*, University of California, Santa Barbara, *Hurricane Katrina: Communication and Transportation Failures.*

10:30 Reginald S. Archer*, University of California Santa Barbara (UCSB), *The use of Remote Sensing & GIS for monitoring the long term disaster recovery in post-Katrina New Orleans, LA.*

10:50 Wendy A. Mitteager, PhD*, SUNY Oneonta; Paul Baumann, SUNY Oneonta, *Using Remote Sensing Data to Monitor Change and Recovery after Hurricane Katrina in the Lower 9th Ward, New Orleans.*

6247. 'Aerographies II': re-thinking unthought elemental and metaphysical assumptions in recent human geographies (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group)

Room: North Hall N108, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Mark Jackson, University of Bristol; Maria Fannin, University of Bristol

CHAIR(S): Mark Jackson, University of Bristol

10:10 Kenneth R. Olwig, PhD.*, Swedish University of Agricultural Sciences, Alnarp, *Aetheral Chora vs. Global Scalar Space in the Landscaping of "Nature's Biodiversity".*

10:30 Werner Krauss*, University of Texas at Austin, *Climate Change: Making the Air Conditions Explicit.*

10:50 Peta Mitchell, Dr*, University of Queensland, *Geographies of contagion.*

11:10 Rob Shields, Prof.*, University of Alberta, *Flow and Sovereignty. Topologies of Arctic Air.*

Introducer: Mark Jackson

Introducer: Maria Fannin

Discussant(s): Kathleen Stewart, University of Texas

6248. Hurricanes VI: Geomorphic Impacts and Paleotempestology (Sponsored by Geomorphology Specialty Group, Coastal and Marine Specialty Group, Paleoenvironmental Change Specialty Group)

Room: North Hall N109, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Harry Williams, University of North Texas; Kam-Biu Liu, Louisiana State University

CHAIR(S): Harry Williams, University of North Texas

10:10 Stephen J Culver*, Department of Geological Sciences, East Carolina University; David J Mallinson, Department of Geological Sciences, East Carolina University; Andrew Kemp, Department of Earth and Environmental Science, University of Pennsylvania; Benjamin P Horton, Department of Earth and Environmental Science, University of Pennsylvania; Candace Grand Pre, Department of Earth and Environmental Science, University of Pennsylvania; Stanley R. Riggs, Department of Geological Sciences, *The Foraminiferal Record of Holocene Coastal Evolution and Storm-Driven Barrier Island Collapse, Outer Banks, North Carolina.*

10:30 David Mallinson, PhD.*, East Carolina University; Stephen Culver, PhD., East Carolina University, Dept. of Geological Sciences; Curtis Smith, M.S., Marshall and Miller Associates; Stanley Riggs, PhD., East Carolina University, Dept. of Geological Sciences; Dorothea Ames, M.S., East Carolina University, Dept. of Geological Sciences, *Geologic Characterization and the Geomorphic and Paleoclimate Significance of Paleo-Inlets on the Outer Banks of North Carolina, USA.*

10:50 Kam-Biu Liu*, Dept. Oceanography & Coastal Sciences, Louisiana State University; Chunyan Li, DOCS, Louisiana State University; Eddie Weeks, Coastal Studies Institute, Louisiana State University; Thomas A. Bianchette, DOCS, Louisiana State University; Qiang Yao, DOCS, Louisiana State University, *Hydrodynamic and Sedimentary Changes in a Coastal Backbarrier Lake in Louisiana Caused by Hurricanes Gustav and Ike.*

11:10 Daria Nikitina*, West Chester University of Pennsylvania, *Hurricane Landfalls and Salt Marsh Erosion along the Delaware Bay Shore, New Jersey.*

11:30 Harry Williams*, University of North Texas, *Assessment of Long-term Hurricane Records in Fresh-Brackish Lake Bed Sediments on the McFaddin National Wildlife Refuge, Texas: Preliminary Results.*

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6249. Geographies of the Upper Midwest

Room: North Hall N110, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Susy Svatek Ziegler, University of Minnesota - Minneapolis

CHAIR(S): John C. Hudson, Northwestern University

10:10 Susy Svatek Ziegler*, University of Minnesota - Minneapolis; Mary A. Williams, Conservation Biology Program, University of Minnesota, *Landscape Planning and Land-Use Policy to Conserve Natural Resources in Southeastern Minnesota*.

10:30 John C. Hudson*, Northwestern University, *Changing Cropland Patterns in the Northern Plains*.

10:50 John Fraser Hart*, University of Minnesota - Minneapolis; Amanda J. Weaver, University of Colorado, Denver, *The Brainerd Lakes Area*.

11:10 Kazimierz J. Zaniewski*, University of Wisconsin Oshkosh, *Population Change in Wisconsin, 2000-2008*.

11:30 Amanda Weaver, PhD Candidate*, University of Denver; Sharolyn Anderson, Assistant Professor, University of Denver, *Temporal Change in Land Use*.

6250. In the Eye of the Beholder: Seeing Community Capacity for Addressing Environmental Change

Room: North Hall N111, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Beth Rose Middleton, UC Davis; Carolyn Finney, University of California Berkeley

CHAIR(S): Beth Rose Middleton, UC Davis

10:10 Carolyn Finney, PhD*, University of California Berkeley, *Ain't Nothin' Like the Real Thing: Cultural Heritage, Street Credibility and Environmental Change*.

10:25 Yasmin Bowers, MSPH*, Consciously Rebuilding, Inc., *Nothing About Us Without Us Is For Us--An Evaluation of Environment, Land, And Community In New Orleans, Louisiana From The Perspective of Consciously Rebuilding, Inc.*

10:40 David Harms Holt*, University of Southern Mississippi, *The Turkey Creek Community: using maps for environmental and social justice*.

10:55 Tracy E. Perkins, M.S.*, University of California, Santa Cruz, *Becoming Political: Women and Environmental Justice in California's Central Valley*.

11:10 Charles H. Thomas, Jr, MS*, Outward Bound Los Angeles, *Engaging in Nature as a Remedy to Gang Involvement*.
 Discussant(s): Julian Agyeman

6251. Environmental Issues in the West: Geysers and Climate

Room: North Hall N112, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Dallas D. Rhodes, Georgia Southern University

10:10 Kenneth Barrick*, University of Alaska Fairbanks, *A Geyser Protection Area for Yellowstone National Park, Wyoming*.

10:30 J. Alan Glennon*, University of California, Santa Barbara; Rhonda M. Glennon, ESRI, *Characteristics of pre-eruptive geyser activity*.

10:50 Dallas D. Rhodes*, Georgia Southern University, *Geomorphic and Lacustrine Evidence For Climate Change In The Carrizo Plain of South Central California*.

6252. Dynamic Cultural and Political Ecologies

Room: North Hall N113, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Matthew Kales, U.S. Fish and Wildlife Service

10:10 Floriane Cecile CLEMENT*, International Water Management Institute, *Analysing the outcomes of forest policies in Northern Vietnam: the role of policy design*.

10:30 David L. Baylis*, Michigan State University, *Legal Topographies of Water: A Critical Reading of Environmental Policies and Discourses in Uzbekistan*.

10:50 Gregory Alan Van Der Horst*, *"We are scared to say no": facing foreign timber companies in Sierra Leone's community woodlands*.

11:10 Matthew C. Kales*, U.S. Fish and Wildlife Service, *No Cowboy Left Behind: Landscape Conservation on Montana's Rocky Mountain Front*.

6253. Cultural Inscriptions on Behavior

Room: North Hall N114, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Program Committee

CHAIR(S): Matthew J. Gerike, University of Missouri

10:10 Werner Udo Schade*, Pädagogische Hochschule, *T for Texas, Tennessee and Tyrol: Place and Space of Alpine Music "American Style"*.

10:30 Joseph Godlewski, PhD Student Architecture*, UC Berkeley; Max Woodworth, PhD Student Geography, UC Berkeley, *The Geography of "The Geography of": The Popularization of Space*.

10:50 Nel M. Coloma-Moya*, York University, Geography, *The Re-inscription of Gender Roles in a Gawad Kalinga Village*.

11:10 Tatiana Borisovna Schoenberg*, SUNY At Buffalo, *Cultural variations in geographical concepts (American-English, Spanish-Catalan and Russian)*.

11:30 Matthew J. Gerike*, University of Missouri, *Conceptions of Anglo-American "Cultural Geography"*.

6254. GIS and remote sensing in public health studies (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: North Hall N115, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Zhiyong Hu, University of West Florida

CHAIR(S): Zhiyong Hu, University of West Florida

10:10 Zhiyong Hu*, University of West Florida; Krothapalli R. Rao, Center for Environmental Diagnostics and Bioremediation, University of West Florida, *Evaluating the relationship between low birth weight and air pollution using satellite data*.

6255. Land-cover dynamics: Causes and Consequences

Room: North Hall N116, Las Vegas Convention Center (Paper Session)
 ORGANIZER(S): Pedram Rowhani, University of Louvain; Marc Linderman

CHAIR(S): Pedram Rowhani, University of Louvain

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6256. Land Use Planning and Change

Room: North Hall N117, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Derek T. Robinson, University of Michigan

10:10 Stephen Faulkner*, U.S. Geological Survey; Ned Euliss, U.S. Geological Survey; Bogdan Chivoiu, ASci Corporation; Shuguang Liu, U.S. Geological Survey, *Decision-Support Models for Quantifying the Effects of Land-Use.*

10:30 Janet Nackoney, M.A.*, Faculty Research Analyst, University of Maryland Department of Geography; Jean Paul Kibambe Lubamba, M.S.*, PhD. Student, Université Catholique de Louvain (Brussels, Belgium), *Land-Use Planning in the Maringa-Lopori-Wamba Landscape in the Democratic Republic of Congo.*

10:50 Ritvik Sahajpal*, University of Maryland College Park; In-Young Yeo, University of Maryland College Park, *Optimizing land use in the Chesapeake Bay area to reduce nutrient pollution.*

11:10 Derek T. Robinson*, University of Michigan; Daniel G. Brown, University of Michigan, School of Natural Resources and Environment; William S. Currie, University of Michigan, School of Natural Resources and Environment, *Modelling carbon storage in highly fragmented and human-dominated landscapes: linking land-cover patterns and ecosystem models.*

6259. Latin America Landscapes II: Physical Dimensions (Sponsored by Latin America Specialty Group)

Room: North Hall N120, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Nancy Hoalst-Pullen, Kennesaw State

University; Mark Patterson, Kennesaw State

CHAIR(S): Nancy Hoalst-Pullen, Kennesaw State University

10:10 Carlos M. Canas*, University of Florida; Peter R. Waylen, University of Florida, *Relating Hydro-climatology to Catfish Larvae Drifting in the Madre de Dios River, southeastern Peru.*

10:30 Nicole Wayant*, Kansas State University; Doug G. Goodin, Professor, Kansas State University, Geography Department; Diego Maldonado, Professor, Kansas State University, Department of Mathematics, *Malaria Occurrences in Paraguay: Correlating Malaria and Normalized Difference Vegetation Index.*

10:50 Boleslo Edward Romero*, Michigan State University, *High Resolution LiDAR Mapping and Water Flow at an Inca Archaeological Site in Ecuador.*

11:10 Nancy Hoalst-Pullen*, Kennesaw State University; Douglas Oetter, PhD., Georgia College & State University; Mark W. Patterson, PhD., Kennesaw State University; Jorge Marin Alfaro, Centro de Estudios Avanzados en Zonas Áridas, *Planted Forests: Landscape Change in Chile Using Landsat and ASTER Imagery.*

6257. From the Beaches to the Streets: Contesting Spaces and the Struggle for Rights

Room: North Hall N118, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nathan Prier, York University

10:10 Glenda Garelli*, CUPPA, UIC, *Contested public spaces and transient communities. Beach-goers and beach-hopefuls at the E.U. border.*

10:30 Tatek Abebe, PhD*, Norwegian Centre for Child Research, *Negotiating marginality: young beggars' socio-spatial lives in Addis Ababa.*

10:50 Nathan A Prier, MA - Geography*, York University, *Where We Fight - Descaling Citizenship through Anarchistic Urbanism.*

6258. Urban Policy and Planning in China

Room: North Hall N119, Las Vegas Convention Center (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Koon Kwai Kenneth Wong, Hong Kong Baptist University

10:10 Tingwei Zhang*, University of Illinois at Chicago, *Urban Problem, Rural Solution.*

10:30 Xiaohong Chen*, Tongji University, Shanghai; Fei Chen, Tongji University, Shanghai, *Modeling Mode Choice Behavior of 2010 Shanghai EXPO Potential Visitors.*

10:50 Xuchu Meng*, University of North Carolina, Charlotte; Yongli Cai, East China Normal University, Shanghai, China; Wei-Ning Xiang, University of North Carolina at Charlotte, Charlotte, NC, *Redefining Riparian Areas in the Shanghai Metropolitan Region, China.*

11:10 Koon Kwai Kenneth Wong*, Department of Geography, Hong Kong Baptist University, *The Green Infrastructure Network in Hong Kong, China: A connectivity Analysis of Urban green Space.*

FRIDAY, MARCH 27 • 12:00 PM - 3:30 PM

12:00 p.m. – 2:15 p.m.

AAG Annual Awards Luncheon

Room: Top of the Riv Ballroom North, Riviera Monaco Tower, 24th Floor

Join colleagues and friends in honoring the recipients of AAG Honors and other awards and prizes for 2009. The Awards Luncheon will be held on Friday, March 27 in the Top of the Riv Ballroom North (Riviera Monaco Tower, 24th Floor) from 12:00 p.m. - 2:15 p.m.

The following AAG Lifetime Achievement Honors will be presented:

Donald G. Janelle, University of California, Santa Barbara, *Ronald F. Abler Honors for Distinguished Service*

Professor John R. Jensen, University of South Carolina, *Lifetime Achievement Award*

Audrey Kobayashi, Queens University, *Lifetime Achievement Award*

David F. Ley, University of British Columbia, *Distinguished Scholarship Honors*

Dr. Laurence J.C. Ma, University of Akron, *Ronald F. Abler Honors for Distinguished Service*

Donald J. Zeigler, Old Dominion University, *Gilbert Grosvenor Honors for Geographic Education*

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, Specialty Group Awards, and others will be presented. The AAG's 2009 Fifty-Year Members will also be recognized at the luncheon.

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:

Charles Bussing
Howard J. Critchfield
William M. Denevan
Herbert M. Eder
Frank Friedman
Robert W. Kates
Richard F. Kott
Theodore W. Kury
James B. Lindberg
Paul E. Lovingood
Julian V. Minghi
Debnath Mookherjee
Paul J. Rich
Vincent K. Shaudys

The cost of the luncheon is \$55, including service and tax. A complete table of ten is also available for \$495. Tickets can be purchased at the AAG Registration Desk.

2:30 p.m. – 3:30 p.m.

AAG Business Meeting

Room: Top of the Riv Ballroom South, Riviera Monaco Tower, 24th Floor

The AAG's annual Business Meeting will be held in the Top of the Riv Ballroom South (Riviera Monaco Tower, 24th Floor) on Friday, March 27 from 2:30 p.m. - 3:30 p.m. AAG officers will present their annual reports. All are welcome to attend.

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Climate Specialty Group
1135,1235,1240,2156,2256,2456,2556,3147,3154,3254,3454,3531,
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Cultural and Political Ecology Specialty Group
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1106,1128,1136,1140,1146,1236,1240,1259,2136,2149,2156,2217,2236,2249,2256,2426,2429,2451,2515,2524,2526,2530,2537,2540,2547,2552,2556,3116,3126,3147,3149,3203,3204,3245,3247,3403,3416,3436,3447,3456,3513,3525,3532,3536,3547,3559,3617,3636,3640,3659,4146,4231,4246,4403,4416,4417,4425,4427,4428,4448,4455,4458,4503,4525,4528,4531,4538,4546,4603,4652,5105,5131,5138,5149,5154,5203,5219,5230,5233,5238,5249,5403,5411,5427,5433,5438,5440,5447,5449,5451,5503,5517,5518,5524,5538,5540,5553,5603,5604,5638,5640,5654,6105,6106,6107,6140,6144,6147,6148,6150,6201,6205,6220,6240,6249,6256,6259

Business Geography

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Cartography

1109,1116,1201,1209,1216,1246,1253,2106,2113,2128,2129,2154,2206,2218,2230,2401,2407,2417,2418,2507,2518,2538,3102,3116,3123,3125,3136,3159,3405,3407,3439,3459,3503,3603,3639,4125,4134,4138,4145,4203,4216,4225,4238,4256,4411,4438,4517,4526,4538,4540,4605,4652,4659,5136,5206,5210,5417,5436,5450,5451,5503,5507,5510,5617,5625,5634,6134,6155,6156,6207,6225,6234

Climatology

1113,1133,1135,1140,1235,1236,1240,2104,2105,2108,2156,2256,2257,2404,2417,2429,2456,2552,2556,3105,3112,3116,3147,3154,3216,3227,3243,3244,3254,3403,3416,3447,3454,3503,3537,3547,3554,3603,3632,3654,4131,4135,4148,4154,4203,4231,4248,4254,4346,4403,4417,4446,4448,4454,4455,4503,4516,4517,4525,4528,4554,4555,4603,4619,4632,4644,4654,4655,5105,5119,5125,5131,5154,5203,5205,5231,5238,5253,5424,5436,5449,5453,5503,5517,5540,5553,5603,5604,5618,5622,5653,6103,6105,6106,6125,6148,6203,6205,6240,6247,6248

Coastal and Marine

1122,1128,1146,1246,2107,2139,2146,2149,2217,2457,2532,3123,3143,3150,3216,3416,3419,3450,3527,3603,3637,3650,4132,4147,4153,4234,4257,4402,4446,4458,4503,4516,4517,4558,5203,5259,5404,5447,5449,5459,5517,5547,5554,5559,5603,5647,5653,5656,6103,6140,6148,6204,6210,6233,6248

Communication

1111,1131,1137,1201,1209,1251,2158,2205,2219,2237,2458,2531,2558,3243,3404,3447,3503,3504,3508,3530,3542,3559,3603,4119,4138,4152,4206,4216,4238,4256,4435,4456,4538,4556,4558,4602,4656,5147,5155,5210,5255,5443,5448,5509,5527,5609,6110,6134,6155,6234,6243,6246

Cryosphere

1244,2105,2149,2516,2520,3116,3131,3154,3247,3254,3603,4146,4154,4254,4416,4448,4454,4516,4531,4548,4554,4654,5203,5205,5238,5254,5454,5503,5554,5603,6106

TOPICAL INDEX

Cultural Ecology

1125,1130,1153,1225,1229,1244,1252,2107,2127,2129,2139,2140,2145,2206,2229,2240,2245,2404,2417,2429,2435,2437,2445,2457,2504,2531,2547,3137,3156,3203,3249,3405,3419,3436,3437,3441,3443,3456,3503,3526,3536,3537,3541,3603,3625,3637,3643,4132,4144,4157,4227,4232,4244,4257,4416,4517,4530,4544,4630,4635,4645,4649,5111,5119,5137,5211,5229,5248,5250,5259,5417,5433,5458,5459,5540,5552,5556,5559,5608,5636,5640,5649,5656,5658,6107,6116,6122,6124,6137,6140,6143,6146,6205,6217,6224,6244,6247,6250,6252

Cultural Geography

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Disabilities

2129,2411,2425,2458,3223,4245,4409,4611,4653,5117,5633,6110,6211,6226

East Europe

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Economic Geography

1101,1105,1107,1113,1115,1119,1124,1129,1132,1134,1138,1145,1147,1150,1151,1205,1215,1216,1229,1230,1234,1238,1244,1247,1248,1251,1257,2101,2106,2109,2110,2124,2125,2126,2127,2130,2133,2138,2140,2142,2143,2145,2147,2150,2152,2153,2159,2202,2204,2205,2209,2213,2219,2230,2233,2238,2240,2242,2246,2247,2252,2253,2259,2404,2406,2408,2416,2417,2419,2433,2438,2442,2450,2453,2459,2504,2507,2537,2547,2550,2553,2554,2558,3101,3105,3108,3110,3119,3127,3128,3130,3140,3141,3152,3153,3201,3202,3203,3212,3219,3227,3232,3240,3246,3249,3252,3253,3255,3257,3402,3410,3418,3419,3426,3435,3437,3439,3440,3443,3448,3450,3453,3456,3458,3501,3502,3503,3504,3508,3509,3510,3525,3534,3535,3537,3543,3550,3551,3553,3557,3604,3611,3616,3622,3625,3629,3635,3643,3647,3648,4103,4104,4124,4130,4133,4135,4151,4155,4158,4201,4207,4213,4216,4217,4220,4227,4230,4232,4240,4250,4255,4258,4403,4405,4413,4424,4429,4430,4431,4433,4435,4439,4443,4447,4450,4504,4510,4513,4524,4526,4530,4535,4543,4547,4550,4557,4603,4613,4620,4623,4624,4625,4626,4643,4647,4650,5113,5126,5137,5144,5145,5146,5148,5151,5153,5156,5203,5206,5217,5226,5228,5229,5230,5235,5244,5245,5248,5408,5424,5426,5429,5434,5437,5444,5445,5452,5457,5458,5508,5517,5526,5529,5534,5539,5544,5551,5557,5602,5605,5607,5608,5609,5612,5619,5626,5628,5645,5646,5650,6109,6111,6112,6116,6120,6122,6125,6132,6134,6158,6159,6209,6212,6216,6219,6232,6234,6235,6245,6249

Energy

1105,1134,1205,2108,2148,2225,2243,2404,2416,2417,2504,2550,3210,3243,3251,3548,3551,3603,3628,4104,4148,4233,4447,4455,4519,4533,4619,4625,4626,4633,4644,4645,5203,5237,5248,5403,5503,5619,5649,6122,6154,6219,6235,6244,6251

Environment

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TOPICAL INDEX

(Environment continued)

5656,5657,5658,6103,6104,6105,6106,6107,6116,6117,6118,6124,6132,6137,6148,6150,6151,6157,6201,6203,6205,6206,6208,6219,6224,6233,6237,6240,6244,6247,6248,6249,6250,6251,6252,6256,6259

Ethnic Geography

1119,1120,1145,1150,1244,2124,2127,2144,2147,2230,2243,2244,2408,2435,2507,2527,2535,2543,2544,3111,3125,3127,3135,3137,3203,3206,3241,3411,3429,3445,3450,3503,3511,3529,3530,3545,3550,3625,3630,3657,4101,4103,4216,4217,4219,4220,4255,4403,4450,4535,4544,4606,4610,4631,4650,5104,5126,5155,5228,5252,5256,5458,5532,5552,5614,5646,6102,6110,6111,6129,6131,6143,6202,6218,6222,6250

Eurasia

1108,1217,2124,3232,3255,3455,3551,3555,4507,4526,5152,5206,5508,5635,5646,6130,6252

Europe

1108,1120,1134,1149,1220,1224,1234,1255,1258,2101,2109,2135,2137,2159,2202,2209,2213,2413,2457,2501,2552,3150,3201,3402,3450,3525,3535,3553,3635,3648,4124,4135,4149,4227,4235,4403,4404,4431,4452,4524,4547,4553,4626,4647,5129,5211,5237,5255,5257,5417,5437,5529,5607,5618,5643,6101,6132,6140,6143,6149,6217,6230,6243,6257

Gender

1143,1219,1227,1233,2111,2130,2142,2219,2224,2230,2233,2411,2432,2457,2458,2543,2546,2547,2553,3120,3128,3207,3208,3230,3231,3238,3239,3241,3418,3430,3437,3458,3516,3533,3542,3606,3630,3635,3641,3644,3650,4101,4145,4203,4240,4244,4245,4456,4502,4556,4611,4635,4645,4650,5103,5132,5147,5152,5206,5207,5214,5232,5403,5406,5414,5432,5450,5457,5504,5506,5508,5631,6109,6117,6121,6123,6124,6209,6218,6231,6250,6253,6257

Geographic Thought

1102,1105,1111,1143,1151,1227,2106,2125,2154,2158,2206,2224,2229,2230,2231,2245,2246,2406,2408,2431,2443,2455,2501,2531,2554,2555,2558,3136,3156,3231,3249,3255,3256,3405,3459,3542,3648,3649,4103,4106,4119,4127,4143,4145,4225,4229,4238,4245,4434,4439,4456,4501,4532,4556,4559,4624,4650,5158,5203,5403,5417,5455,5518,5526,5527,5528,5532,5626,5635,5652,6101,6113,6117,6118,6143,6147,6155,6231,6232,6247,6253,6257

Geography

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Geography Education

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Geomorphology

1122,1140,1146,1152,1202,1237,1240,1246,2104,2118,2146,2516,2520,2531,3145,3205,3216,3245,3247,3403,3416,3431,3432,3527,3532,3547,3603,3626,3627,4146,4254,4257,4346,4425,4446,4455,4458,4503,4507,4516,4546,4548,4554,4558,4603,4646,5140,5203,5217,5238,5240,5254,5438,5440,5447,5449,5451,5510,5540,5547,5603,5640,5647,6103,6125,6140,6147,6203,6240,6248,6251

GIS

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Global Change

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1129,1130,1145,1231,1244,1245,2107,2111,2113,2126,2138,2207,2211,2226,2240,2243,2404,2407,2435,2443,2446,2507,2531,2535,2538,2546,3130,3158,3219,3231,3249,3423,3436,3437,3446,3505,3620,3626,3636,3644,3652,4132,4213,4232,4403,4424,4426,4526,4614,4630,4645,5128,5158,5211,5244,5250,5252,5256,5404,5456,5504,5510,5517,5556,5635,5640,5656,5658,6102,6116,6118,6221,6224,6231

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1122,1124,1125,1129,1132,1225,1229,1233,1235,1244,1245,1252,2132,2140,2155,2207,2211,2224,2232,2237,2240,2245,2404,2407,2416,2429,2435,2437,2445,2450,2457,2501,2515,2524,2538,2547,2556,3137,3141,3146,3158,3203,3204,3212,3231,3241,3246,3250,3251,3403,3405,3408,3416,3423,3448,3450,3503,3509,3518,3536,3541,3558,3636,3637,3641,3643,3648,3650,4104,4117,4130,4135,4206,4213,4216,4231,4232,4240,4256,4403,4407,4416,4430,4439,4454,4458,4513,4517,4532,4544,4553,4603,4614,4628,4645,4651,4656,5111,5113,5129,5131,5150,5203,5211,5230,5244,5250,5403,5417,5420,5433,5450,5456,5457,5458,5504,5527,5543,5550,5552,5556,5557,5559,5602,5608,5618,5636,5656,6113,6116,6128,6130,6131,6148,6159,6216,6240,6244,6259

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1135,1151,1224,1244,1246,2111,2207,2224,2247,2458,2459,3111,3205,3237,3239,3429,3446,3503,3550,3603,3630,3644,3650,4104,4201,4403,4407,4411,4413,4532,5132,5152,5403,5450,5457,5602,5603,5607,5608,5614,6130,6140,6221,6231,6243

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1110,1117,1119,1120,1124,1129,1137,1146,1147,1149,1153,1205,1217,1224,1229,1231,1244,1248,1252,1253,2104,2106,2107,2109,2110,2116,2120,2124,2125,2132,2138,2140,2142,2143,2145,2147,2150,2153,2154,2158,2205,2206,2209,2211,2219,2224,2229,2230,2237,2238,2243,2245,2247,2253,2406,2407,2413,2419,2433,2435,2440,2445,2446,2450,2453,2455,2458,2501,2519,2531,2546,2553,2555,3110,3120,3133,3144,3146,3152,3156,3203,3205,3209,3218,3219,3223,3225,3230,3232,3237,3239,3241,3243,3244,3246,3252,3255,3401,3402,3404,3405,3410,3411,3423,3426,3429,3430,3441,3443,3446,3448,3449,3450,3452,3503,3506,3510,3519,3541,3543,3550,3551,3552,3556,3625,3626,3647,3650,3656,4104,4106,4117,4124,4129,4145,4150,4155,4201,4203,4206,4216,4217,4224,4227,4229,4232,4244,4256,4403,4404,4413,4419,4424,4426,4427,4429,4430,4444,4456,4457,4510,4526,4533,4543,4544,4552,4556,4557,4606,4610,4625,4633,4635,4654,4656,4657,5104,5111,5113,5114,5119,5126,5128,5132,5135,5137,5144,5146,5147,5148,5203,5206,5211,5213,5226,5232,5247,5248,5252,5256,5257,5259,5403,5406,5408,5414,5420,5426,5430,5432,5434,5443,5444,5446,5450,5458,5459,5506,5508,5518,5524,5526,5528,5530,5532,5533,5534,5549,5550,5559,5605,5607,5610,5612,5614,5619,5624,5626,5628,5630,5633,5636,5639,5646,5649,5652,6101,6102,6111,6116,6119,6120,6121,6122,6128,6130,6131,6133,6134,6137,6149,6151,6210,6218,6219,6230,6231,6232,6234,6235,6243,6244,6250,6252,6257

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1131,1137,1257,2210,2443,3107,3135,3149,3203,3207,3235,3250,3444,3503,3526,3550,3606,3633,3650,4203,4245,4253,4419,4553,5103,5155,5246,5403,5503,5518,6211,6217,6237,6258

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Regional Studies Association

1247,1248,1251,3508,3519,3647,4207,4513,4643,4650,5145,5235,5445,5645,6245

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