

THE ASSOCIATION OF AMERICAN GEOGRAPHERS



2005 Annual Meeting Program

April 5-9, 2005
Denver, Colorado



Land Use and Society Geography, Law, and Public Policy Revised Edition

Richard H. King

A unique and compelling exploration of the interactions among law, geography, politics, and culture and their joint influence on the evolution of land use and urban form in the United States. Original publication in 1996, this second edition is updated to reflect the deep influence of Supreme Court decisions, and urban form, such as affordable housing, protecting urban water supplies, and addressing the "housing crisis."

For more information go to www.islandpress.org/landuse/



Environmental Land Use Planning and Management

John R. Brinkhoff

This unique new textbook presents a diverse, comprehensive, and coordinated approach to issues of land use planning and management, and their impact on the environment. It builds on the environmental planning and design process in urban, rural, and coastal settings, and incorporates the latest technology and provide the critical foundation needed to understand how rural land systems and engineering applications are being used in the field. Features include: Planning's emerging approaches, methods, and techniques for environmental planning, design, and policy development.

For more information go to www.islandpress.org/rural/pln/



Ecosystem Management Adaptation, Community Based Conservation

Gary K. Meffe, Larry A. Rebertus, Richard L. Knight, and Dennis A. Scobario

A new and exciting learning approach, this uses detailed landscape case studies that reflect the complexities and conflicting interests facing today's resource managers. A case study approach focusing on the application of the sciences of ecology and conservation biology to real-world problems. It emphasizes the intricate coupling of socioeconomic and land use patterns, which require resource management functions, and illustrates how to make the best use of that coupling.

The accompanying instructor's manual provides a detailed overview of the book and specific guidance on designing a course around it.

For more information go to www.islandpress.org/ecosys/

For more information go to www.islandpress.org/meffe



Teaching a new generation of environmental thinkers.

Ecological Economics Principles and Applications

Norman E. Daly and Joshua Farley

This introductory textbook defines a new paradigm in ecological economics, and offers a contemporary, interdisciplinary approach to the exciting new field. The book provides students with a foundation in traditional neoclassical economic thought, and illustrates how a paradigmatic new intellectual framework for new management the linkages among environmental, human well-being, and social inequality with a comprehensive, cutting-edge, theoretical and applied ecological economics.

For more information go to

www.islandpress.org/daly_farley



Ecological Economics

A Workbook for Problem-Based Learning

John A. Erickson, Jay A. Erickson, and Norman E. Daly

As a workbook for preparing the next generation of students, this volume breaks new ground in applying the critical tenets of ecological economics in a problem-oriented, case-based learning setting. It provides a practical, operational understanding of the field. The book emphasizes field-informed, through-real-life activities, and describes numerous studies in which students have successfully completed projects.

Order your copy today!
www.islandpress.org
1-800-621-2736



 **ISLANDPRESS**

THE ASSOCIATION OF AMERICAN GEOGRAPHERS



2005 Annual Meeting
April 5-9, 2005
Denver, Colorado

PROGRAM

The Association of American Geographers

1710 16th Street, NW

Washington, DC 20009-3198

Phone (202) 234-1450

Fax (202) 234-2744

Web: www.aag.org

E-mail: gaia@aag.org

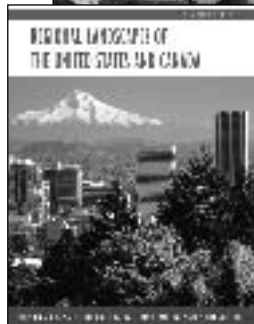
Wiley Geography

The new age of discovery



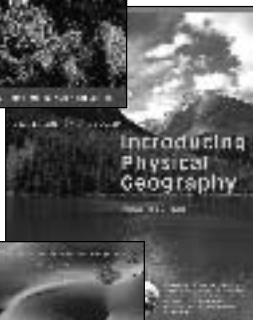
Concepts and Regions in Geography, 2nd Edition

H. J. de Blij, Michigan State University
Peter O. Muller, University of Miami
with **media integration** by Eugene Palka,
United States Military Academy, West Point
0-471-64991-0, 448 Pages, Paper, ©2005



Regional Landscapes of the United States and Canada, 6th Edition

Stephen Birdsall, University of North
Carolina, Chapel Hill
Eugene Palka, United States Military
Academy



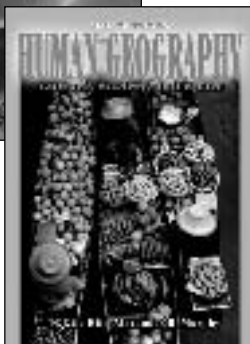
Introducing Physical Geography, 4th Edition

Jon Malinowski, United States Military
Academy
Margo Price, University of North
Carolina, Chapel Hill
0-471-15226-9, 544 Pages, Cloth, ©2005



Physical Geography: Science and Systems of the Human Environment, 3rd Edition

Alan H. Strahler, Boston University
Arthur Strahler
0-471-67950-X, 704 Pages, Paper, ©2006



Human Geography: Culture, Society and Space, 7th Edition

Alan Strahler, Boston University
Arthur Strahler
0-471-48053-3, 794 Pages, Cloth, ©2005

js/se 5-01512

 **WILEY**

For more information, go to www.wiley.com/college/geography

TABLE OF CONTENTS

AAG Officers, Councillors, and Staff	6
Committees	7
General Information	8
Getting Around the Adam's Mark Hotel	14
Plenary Sessions	16
Special Events	20
World Geography Bowl	30
New Technology Forum	32
Jobs in Geography (JIG)	34
Specialty Meetings	38
Workshops	44
Excursions	57
Field Trips	59
Exhibit Hall Floor Plan	77
Exhibitors	78
Advertisers	80
2006 Annual Meeting Information	82
Conference At A Glance	84
Daily Planner	
Tuesday, April 5	88
Wednesday, April 6	89
Thursday, April 7	90
Friday, April 8	91
Saturday, April 9	92
Instructions to Session Chairs	93
Key to Session Numbers	96
Key to Rooms	98
Sessions	
Tuesday, April 5	100
Wednesday, April 6	127
Thursday, April 7	189
Friday, April 8	266
Saturday, April 9	342
Participant Index	398
Specialty Group Sessions Index	439
Topical Index	444
Hotel Floor Plans	455

AAG OFFICERS, COUNCILLORS, AND STAFF

Officers

Victoria A. Lawson, President, University of Washington
Alexander B. Murphy, Past President, University of Oregon
Richard A. Marston, Vice President, Oklahoma State University
Darrell E. Napton, Treasurer, South Dakota State University
Kavita K. Pandit, Secretary, University of Georgia
Douglas Richardson, Executive Director

National Councillors

Thomas J. Baerwald, National Science Foundation
Sarah Witham Bednarz, Texas A&M University
Kristin Dow, University of South Carolina
Kenneth Foote, University of Colorado
Ines M. Miyares, Hunter College
Ann Oberhauser, West Virginia University

Regional Division Councillors

East Lakes: Samuel Aryeetey-Attoh, University of Toledo
Great Plains-Rocky Mountains: Darrell E. Napton, South Dakota State University
Middle Atlantic: Martha E. Geores, University of Maryland
Middle States: Gregory A. Pope, Montclair State University
New England-St. Lawrence Valley: Timothy J. Rickard, Central Connecticut State University
Pacific Coast: Stuart C. Aitken, San Diego State University
Southeastern: Kavita K. Pandit, University of Georgia
Southwestern: Olen Paul Matthews, University of New Mexico
West Lakes: Jon T. Kilpinen, Valparaiso University

Staff

Paul J. Abel, Director of Finance
Robert Andelman, Chief Information Officer
Robin Friedman, Managing Editor, AAG Journals
Gayathri Gopiram, Software Engineer
Heather Heimbuch, Communications Coordinator
Ehsan M. Khater, Office Coordinator
Oscar Larson, Conference Director
Jongwon Lee, Education Fellow
Teri Martin, Accounting Manager
Megan Nortrup, Publications Coordinator and Newsletter Editor
Douglas Richardson, Executive Director
Nicholas Schiller, Careers Program Coordinator
Michael Solem, Director of Educational Affairs
Patricia Solis, Project Director
John Wertman, Director of Public Policy

COMMITTEES

LOCAL SUPPORT COMMITTEE

John W. Wyckoff (Co-Chair), University of Colorado – Denver
Joseph J. Kerski (Co-Chair), U.S. Geological Survey
Fred Chambers, University of Colorado – Denver
John Dietz, University of Northern Colorado
Amanda Gierow, Arapahoe Community College
Rudi Hartmann, University of Colorado – Denver
Steve Hick, University of Denver
Curt Holder, University of Colorado – Colorado Springs
Robb Menzies, Denver Public Schools
Rafael Moreno, University of Colorado – Denver
Tyler Otto, Digital Globe
James Pardue, Vargis
Victoria Provenza, Leica GeoSystems
Donald G. Sullivan, University of Denver
Deb Thomas, University of Colorado – Denver
Esther Worker, ESRI
Jeff Young, Leica GeoSystems

PROGRAM COMMITTEE

Andrew R. Goetz (Co-Chair), University of Denver
Gary L. Gaile (Co-Chair), University of Colorado – Boulder
Sharolyn Anderson, University of Denver
Susan W. Beatty, University of Colorado – Boulder
Jim Doerner, University of Northern Colorado
Ken Engelbrecht, Metro State College
Steve Gordon, U.S. Air Force Academy
Eve Gruntfest, University of Colorado – Colorado Springs
John Harner, University of Colorado – Colorado Springs
Rudi Hartmann, University of Colorado – Denver
Curt Holder, University of Colorado – Colorado Springs
Katherine Johnson, University of Northern Colorado
Rafael Moreno, University of Colorado – Denver
Christine Richter, University of Denver
Gil Schmidt, University of Northern Colorado

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 Adam's Mark.

CHILD CARE

AAG will reimburse registered attendees for childcare at the rate of \$10 per hour for a maximum of 30 hours. Reimbursement forms will be available at the AAG Registration Desk. A check will be sent to the attendee after receipts have been furnished along with the reimbursement form. Reimbursement is only available for childcare on-site in Denver. No reimbursement is made for childcare at your home while you are in Denver. All childcare arrangements should be made by the individual attendee. In-room hotel childcare is available from Rent-A-Mom/Premier Nannies (303-322-1399 or www.premiernannies.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 assistant office (Client Office 1; Concourse Level around the corner from main AAG Registration desk) no later than 30 minutes prior to your first scheduled shift. Upon check-in you will receive all pertinent information and instructions regarding your duties.

GENERAL INFORMATION

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, especially in cartography, GIS, and GPS. You'll also get to view and purchase geography-related textbooks and publications while meeting with prospective publishers.

Tuesday, April 5	International Reception in Exhibit Hall 6:45 pm – 9:00 pm
Wednesday, April 6	Hall Open 9:30 am – 5:30 pm
Thursday, April 7	Hall Open 8:30 am – 5:30 pm
Friday, April 8	Hall Open 9:30 am – 3:30 pm

INTERNET ACCESS

Complimentary internet access will be available on the Concourse Level of the Plaza Building, outside the Plaza Court meeting rooms. As a courtesy to other conference attendees, please limit your time at the station to 15 minutes. In addition, the following areas of the Adam's Mark have complimentary wireless internet access: sleeping rooms, lobby, restaurants.

MEETING VENUES

All meetings, sessions and special events will be held in the Adam's Mark Hotel. Field Trips and Workshops will be held in locations indicated in the description. Hotel address and contact information:

Adam's Mark Denver
1550 Court Place
Denver, CO 80202
Phone (303) 893-3333
Fax (303) 626-2543

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 hotels.

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.

GENERAL INFORMATION

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 on the Concourse Level of the Plaza Building of the Adam's Mark (take escalators down one level below main hotel lobby). Registration will be open during the following hours:

Monday, April 4	3:00 p.m. - 6:00 p.m.
Tuesday, April 5	7:00 a.m. - 12:00 p.m. Exhibitors Only 12:00 p.m. - 7:30 p.m. Open to all participants
Wednesday, April 6	7:00 a.m. - 6:00 p.m.
Thursday, April 7	7:00 a.m. - 7:00 p.m.
Friday, April 8	7:00 a.m. - 6:30 p.m.
Saturday, April 9	7:00 a.m. - 12:00 p.m.

TRANSPORTATION

The Adam's Mark Hotel is located on the 16th Street Mall. The Mall is the primary shopping and entertainment strip in Downtown Denver, with many shopping areas and places to relax. A free shuttle service carries people from one end of the mall to the other (16 blocks). These special buses stop at every corner between Broadway and Wynkoop Street in Lower Downtown, making your trips up and down the Mall and around Downtown Denver quick and easy. Two Downtown information kiosks are located on the 16th Street Mall, one between Welton and Glenarm, and the other between Arapahoe and Lawrence in front of Tabor Center. The kiosks are staffed with knowledgeable people who can help you find your way around and answer questions.

Visit Ashgate at booth 206!



B/ordering Space

Edited by **Henk van Houtum** and **Olivier Kramsch**,
University of Nijmegen, The Netherlands and
Wolfgang Zierhofer, University of Basel, Switzerland
BORDER REGIONS SERIES
January 2005 * 0 7546 3763 8 * Hbk

Big Places, Big Plans

Edited by **Mark B. Lapping**, University of Southern
Maine and **Owen J. Furuseh**, University of North
Carolina at Charlotte

PERSPECTIVES ON RURAL POLICY AND PLANNING
July 2004 * 0 7546 3586 4 * Hbk

Challenged Borderlands

Transcending Political
and Cultural Boundaries

Edited by **Vera Pavlakovich-Kochi** and
Barbara J. Morehouse, both at University
of Arizona and **Doris Wastl-Walter**, University
of Berne, Switzerland
BORDER REGIONS SERIES
September 2004 * 0 7546 4093 0 * Hbk

City Making and Urban Governance in the Americas

Curitiba and Portland

Clara Irazabal, University of Southern California
DESIGN AND THE BUILT ENVIRONMENT
March 2005 * 0 7546 4253 4 * Hbk

City of Quarters

Urban Villages in the Contemporary City

Edited by **David Bell** and **Mark Jayne**,
Staffordshire University, UK
April 2004 * 0 7546 3414 0 * Pbk

Contested Worlds

An Introduction to Human Geography
Edited by **Martin Phillips**, University of Leicester, UK
April 2005 * 0 7546 4112 0 * Hbk

Geographies of Rural Cultures and Societies

Edited by **Lewis Holloway** and **Moya Kneafsey**,
both at Coventry University, UK
PERSPECTIVES ON RURAL POLICY AND PLANNING
August 2004 * 0 7546 3571 6 * Hbk

The Geography of Health Inequalities in the Developed World

Views from Britain and North America
Edited by **Paul Boyle** and **Elsbeth Graham**, both
at University of St. Andrews, UK, **Sarah Curtis**,
Queen Mary & Westfield College, UK and
Eric Moore, Queen's University, Canada
March 2004 * 0 7546 1398 4 * Hbk

Living in a Contaminated World

Community Structures, Environmental
Risks and Decision Frameworks
Ellen Omohundro, Washington State University
ASHGATE STUDIES IN ENVIRONMENTAL POLICY AND PRACTICE
October 2004 * 0 7546 4299 2 * Hbk

Performing Tourist Places

Jørgen Ole Bærenholdt, **Michael Haldrup** and
Jonas Larsen, all at Roskilde University, Denmark
and **John Urry**, Lancaster University, UK
NEW DIRECTIONS IN TOURISM ANALYSIS
June 2004 * 0 7546 3838 3 * Hbk

Public Space and the Culture of Childhood

Gill Valentine, University of Sheffield, UK
September 2004 * 0 7546 4254 2 * Hbk

Reanimating Places

A Geography of Rhythms
Edited by **Tom Mels**, University of Kalmar, Sweden
RE-MATERIALISING CULTURAL GEOGRAPHY
October 2004 * 0 7546 4187 2 * Hbk

Space Odysseys

Spatiality and Social Relations
in the 21st Century
Edited by **Jørgen Ole Bærenholdt**
and **Kirsten Simonsen**, both of Roskilde
University, Denmark
December 2004 * 0 7546 4349 2 * Hbk

The TVA Regional Planning and Development Program

The Transformation of an Institution
and Its Mission
David A. Johnson, University of Tennessee
URBAN PLANNING AND ENVIRONMENT
January 2005 * 0 7546 3786 7 * Hbk

www.ashgate.com



Karen E. Till

The New Berlin*Memory, Politics, Place*

\$24.95 paper • \$74.95 cloth • 296 pages

John Friedmann

China's Urban Transition

\$18.95 paper • \$56.95 cloth • 200 pages

Daniel Makagon

Where the Ball Drops*Days and Nights in Times Square*

\$29.95 cloth/jacket • 304 pages

Don Parson

Making a Better World*Public Housing, the Red Scare, and the Direction of Modern Los Angeles*

Foreword by Kevin Starr

\$22.95 paper • \$68.95 cloth • 312 pages

Available in June

Dianne Chisholm

Queer Constellations*Subcultural Space in the Wake of the City*

\$19.95 paper • \$59.95 cloth • 264 pages

John Archer

Architecture and Suburbia*From English Villa to American**Dream House, 1690–2000*

\$39.95 cloth/jacket • 448 pages

Available in May

Heidi J. Nast

Concubines and Power*Five Hundred Years in a Northern Nigerian Palace*

Foreword by

Hausatu Abba Ado Bayero

\$22.95 paper • \$68.95 cloth • 288 pages

Allan Pred

The Past Is Not Dead*Facts, Fictions, and Enduring Racial Stereotypes*

\$22.95 paper • \$68.95 cloth • 288 pages

Roland Bleiker

Divided Korea*Toward a Culture of Reconciliation*

\$27.95 cloth/jacket • 224 pages

Borderlines Series, volume 25

Alev Çınar

Modernity, Islam, and Secularism in Turkey*Bodies, Places, and Time*

\$19.95 paper • \$59.95 cloth • 240 pages

Public Worlds Series, volume 14

Marc Augé

Oblivion

Translated by Marjolijn de Jager

Foreword by James E. Young

\$18.95 paper • \$56.95 cloth • 136 pages

[New introduction!](#)

Néstor García Canclini

Hybrid Cultures*Strategies for Entering and Leaving Modernity*

Translated by Christopher L.

Chiappari and Silvia L. López

Foreword by Renato Rosaldo

\$22.95 paper • 328 pages

Available in June

Cindi Katz

Growing Up Global*Economic Restructuring and Children's Everyday Lives*

\$24.95 paper • \$74.95 cloth • 312 pages

Edward S. Casey

Earth-Mapping*Artists Reshaping Landscape*

\$27.95 paper • \$83.95 cloth • 256 pages

Jill H. Casid

Sowing Empire*Landscape and Colonization*

\$24.95 paper • \$74.95 cloth • 312 pages

Dydia DeLyser

Ramona Memories*Tourism and the Shaping of Southern California*

\$18.95 paper • \$56.95 cloth • 296 pages

Ileana Rodríguez

Transatlantic Topographies*Islands, Highlands, Jungles*

\$22.95 paper • \$68.95 cloth • 304 pages

Cultural Studies of the Americas Series, volume 17

Alan Tomlinson

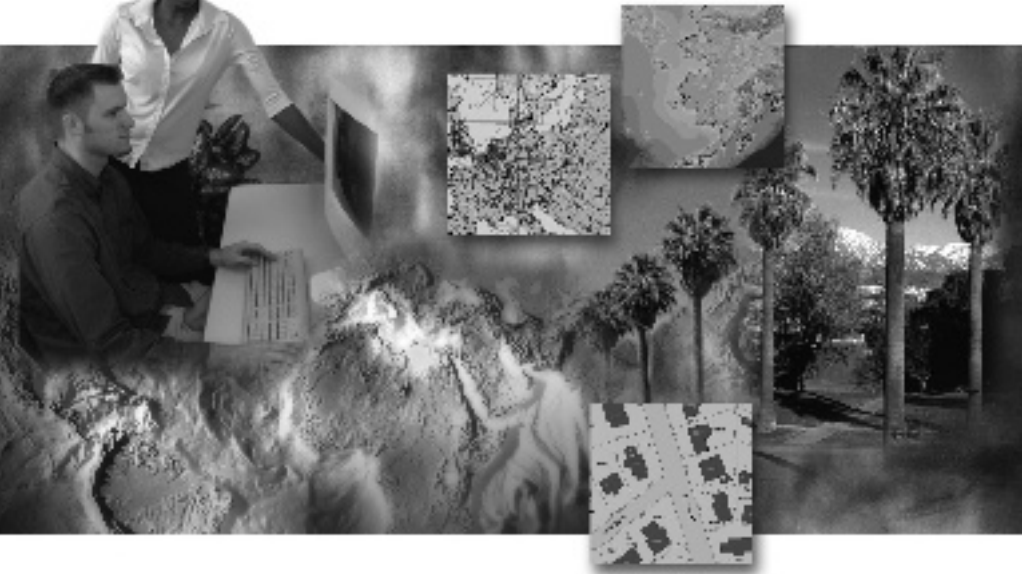
Sport and Leisure Cultures

\$24.95 paper • \$74.95 cloth • 320 pages

Sport and Culture Series, volume 6

Available in May

GIS For a Better World



ESRI has been the world leader in the geographic information system (GIS) software industry for more than 30 years. As the leader in GIS technology, ESRI offers innovative solutions that will help you create, visualize, analyze, and present information better and more clearly. Working with location information, ESRI's GIS software and solutions give you the power to solve problems you encounter every day. Organizations around the world, as well as local, state, and federal government agencies, are using ESRI GIS software to make smart and timely decisions. ESRI provides powerful GIS solutions to more than 300,000 clients in more than 189 countries. In fact, ESRI is leading the industry in providing mapping technology that meets today's global needs. ESRI offers GIS solutions to help you unlock the spatial component of your valuable data and see your organization's information from a new perspective.

ESRI Philosophy

ESRI believes that better information makes for better decisions. Our reputation is built on contributing our technical knowledge, our special people, and our valuable experience to the collection, analysis and communication of geographic information.



Find out how GIS can help your organization.

www.esri.com • 1-800-447-9778 • info@esri.com

GETTING AROUND THE ADAM'S MARK HOTEL

FROM PLAZA BUILDING MAIN LOBBY (Ground Level) to:

Plaza/Concourse Level (AAG Registration Desk, Plaza Exhibit Area, Governor's Square, Plaza Court, Plaza Ballroom, Conference Assistant's Office) – Take escalator or elevator down one level.

Plaza/Ground Level (Director's Row) – Walk past front desk, gift shop, and elevator bank.

Tower/Ground Level (Tower Exhibit Area) – Walk outside across Court Place and into Tower building.

Tower/Second Level (Tower Court, Grand Ballroom) – Either go down to Concourse Level and take Tower building elevators up to the 2nd floor OR walk past the front desk and gift shop and take Plaza building guest elevators up to 2nd floor, walk across skywalk OR walk outside across Court Place and into Tower building, take elevators up to Second Level.

Tower/Mezzanine Level (Colorado, Silver, Gold, Century, Spruce, Denver, Aspen) – Either go down to Concourse Level and take Tower building elevators up to the Mezzanine Level OR walk past the front desk and gift shop and take Plaza building guest elevators up to 2nd floor, walk across skywalk, take elevator to Mezzanine Level OR walk outside across Court Place and into Tower building, take elevators up to Mezzanine Level.

Tower/Terrace Level (Columbine, Terrace, Beverly) – Either go down to Concourse Level and take Tower building elevators up to lobby level and then walk past front desk to escalators, go down one level OR walk past the front desk and gift shop and take Plaza building guest elevators up to 2nd floor, walk across skywalk, take elevator to lobby level and then walk past front desk to escalators, go down one level OR walk outside across Court Place and into Tower building, walk past front desk to escalators, go down one level.

Tower/Majestic Level (Vail, Savoy, Majestic) – Either go down to Concourse Level and take Tower building elevators up to lobby level and then walk past front desk to escalators, go down two levels OR walk past the front desk and gift shop and take Plaza building guest elevators up to 2nd floor, walk across skywalk, take elevator to lobby level and then walk past front desk to escalators, go down two levels OR walk outside across Court Place and into Tower building, walk past front desk to escalators, go down two levels.

GETTING AROUND THE ADAM'S MARK HOTEL

FROM TOWER BUILDING MAIN LOBBY (Ground Level) to:

Plaza/Concourse Level (AAG Registration Desk, Plaza Exhibit Area, Governor's Square, Plaza Court, Plaza Ballroom, Conference Assistants Office) – Take Tower building guest elevators down to Concourse Level.

Plaza/Ground Level (Director's Row) – Either take Tower building guest elevators down to Concourse Level and go up escalators to Plaza building main lobby, walk past front desk, gift shop and Plaza building elevators OR take Tower building guest elevators to 2nd floor, walk across skywalk and take Plaza building elevators down to the lobby level OR walk outside across Court Place and into Plaza building, walk past front desk, gift shop, and Plaza building elevators.

Tower/Ground Level (Tower Exhibit Area) – Walk past Tower building front desk.

Tower/Second Level (Tower Court, Grand Ballroom) – Take Tower building elevators or escalators up one level.

Tower/Mezzanine Level (Colorado, Silver, Gold, Century, Spruce, Denver, Aspen) – Take Tower building elevators up to Mezzanine Level.

Tower/Terrace Level (Columbine, Terrace, Beverly) – Walk past Tower building front desk and take escalators down one level.

Tower/Majestic Level (Vail, Savoy, Majestic) – Walk past Tower building front desk and take escalators down two levels.

PLENARY SESSIONS

OPENING SESSION PLENARY

Tuesday, April 5, 6:00 p.m. - 7:00 p.m. (Plaza Ballroom A/B)

Welcoming Remarks: Victoria Lawson, AAG President; Department of Geography, University of Washington

Introduction of Keynote: Douglas Richardson, AAG Executive Director

Keynote Address: Barry Lopez

Essayist and nature writer **Barry Lopez** is the National Book Award winning author of *Arctic Dreams*. His writings, which include books *Winter Count*, *Of Wolves and Men*, and many other books and collections of essays, have been compared to those of Henry David Thoreau and Edward Abbey.

PAST PRESIDENT'S ADDRESS

Thursday, April 7, 8:30 p.m. - 10:00 p.m. (Grand Ballroom I/II)

Alexander Murphy will deliver a Past President's Address on "**Enhancing Geography's Role in Public Debate**" following the AAG Annual Meeting Banquet (Thursday, April 7). Introduction by Victoria Lawson, AAG President.

Doors are open to all members at 8:30 p.m. for this address. We invite you to join us and enjoy the event with your colleagues, friends, and family. You may reserve a full banquet table for your department, AAG Specialty Group, students, or friends. Individual tickets are \$55 and tickets for a table (seats ten) are \$530. Tickets can be purchased at the AAG Registration Desk. The Past President's Address at the conclusion of the banquet (at 8:30 p.m.) is open to all attendees at no charge.

PLENARY SESSIONS

PRESIDENTIAL PLENARIES

Two Presidential Plenary sessions on the “Geographies of Fear and Hope,” organized by AAG President **Victoria Lawson**, will address the power of both fearfulness and hopefulness and will identify geographies of fear and of hope. The plenary sessions will think through how both disciplinary and societal questions, priorities, and resource allocations might shift if we started from positions of hope rather than positions of dread and anxiety.

Geographies of Fear and Hope: Economies, Politics, and Peace Wednesday, April 6, 5:00 p.m. - 6:30 p.m. (Plaza Ballroom D/E)

Introduction: Victoria Lawson, AAG President; Department of
Geography, University of Washington

Patricia Limerick, History and Center of the American West, University of
Colorado at Boulder

Matt Sparke, Department of Geography, University of Washington

Sarah Radcliffe, Department of Geography, Cambridge University, UK

Vine Deloria, former executive director of the National Congress of American
Indians and Professor Emeritus of History at the University of Colorado
at Boulder.

Geographies of Fear and Hope: Environments, Societies, and Sustainability

Friday, April 8, 6:00 p.m. - 7:30 p.m. (Plaza Ballroom D/E)

Introduction: Gilbert White, Professor Emeritus of Geography at University of
Colorado, Boulder

Steve Schneider, Department of Biological Sciences, Stanford University*

Jennifer Wolch, Department of Geography, University of Southern California

Brian Klinkenberg, Department of Geography, University of British Columbia

Jennifer Hyndman, Department of Geography, Simon Fraser University

*Dr. Schneider is appearing as the Decade of Behavior Distinguished Lecturer

available from **OXFORD**



New edition!
**ALL POSSIBLE
WORLDS**

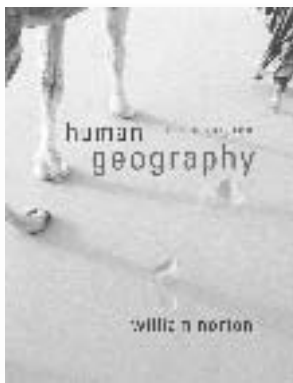
**A History of
Geographical Ideas**

Fourth Edition

GEOFFREY J. MARTIN

Updated and revised to include theoretical and other developments, bibliographical additions, new photographs and illustrations, and expanded name and subject indexes, the fourth edition of *All Possible Worlds: A History of Geographical Ideas* is the most complete and comprehensive book of its kind. It investigates the ways in which the subject of geography has been recognized, perceived, and evaluated, from its early acknowledgment in ancient Greece to its disciplined form in today's world of shared ideas and mass communication. The history of American geography is strongly emphasized pursuant to the formal origins of geography in late nineteenth-century Germany, Darwin's theory of evolution, and the Great Surveys of the American West.

2005 624 pp.; 128 illus. cloth



New edition!
**HUMAN
GEOGRAPHY**

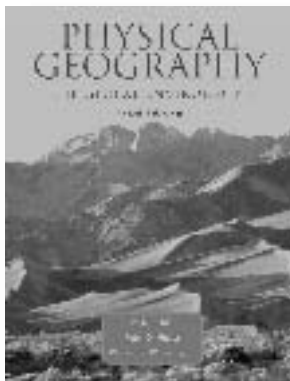
Fifth Edition

WILLIAM NORTON

Featuring a completely new design, the fifth edition of *Human Geography* has been significantly revised and updated around the phenomenon of globalization. The book starts out by defining globalization as a metaconcept—a concept that helps frame our understanding of such essential geographical concepts such as space, location, place, region, distance, scale, diffusion, perception, development, and discourse. All chapters have been rewritten to emphasize the importance of globalization in political geography, cultural geography, economic geography, and other types of geographic study. In addition, more than 100 new photographs have been added to this edition.

2004 554 pp.; 297 illus. cloth

available from **OXFORD**



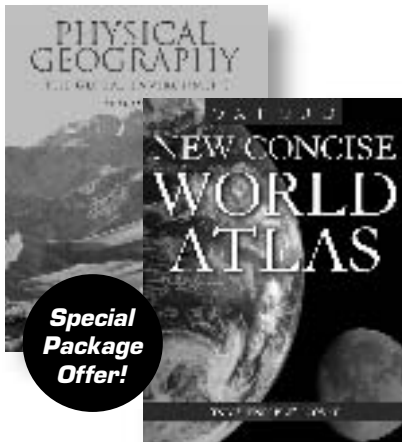
PHYSICAL GEOGRAPHY

The Global Environment
Text Book & Study Guide
Third Edition

H. J. DE BLIJ, PETER O. MULLER,
AND RICHARD S. WILLIAMS, JR.

Fully revised and presented in fifty-two short, easy-to-teach units, the third edition of *Physical Geography: The Global Environment* covers complex topics including long-distance weather linkages, biodiversity, and global change in a manner easily accessible to first- and second-year undergraduates. Set against a backdrop of human interaction with the environment, the text offers comprehensive treatments of Earth's five major components: the atmosphere, the hydrosphere, the lithosphere, the cryosphere, and the biosphere. A Student Study Guide—packaged with each copy of the text—includes unit outlines, glossaries, activities for reinforcement, and review tests with answer keys. A comprehensive ancillary package is available to adopters.

2003 720 pp.; 538 illus. & 203 maps paper



NEW CONCISE WORLD ATLAS

College Edition

and

PHYSICAL GEOGRAPHY

The Global Environment
Third Edition
Two-Volume Set

This package includes *Physical Geography: The Global Environment*, Third Edition, and the *New Concise World Atlas*—an ideal companion to this popular textbook and study guide. The *New Concise* offers hundreds of dramatic large-format maps produced by Europe's finest team of cartographers along with stunning, full-color renderings of detailed physical and topographical information about each region of our diverse planet. Call your Oxford sales representative at 1-800-280-0280 for details.

2004 Two-Volume Set

To order, or for more information, please call 1-800-451-7556.
In Canada, call 1-800-387-8020.
Visit our website at www.oup.com/us/highered.

OXFORD
UNIVERSITY PRESS
HIGHER EDUCATION GROUP

SPECIAL EVENTS

AAG AWARDS LUNCHEON

Join colleagues and friends in honoring the recipients of AAG Honors and other awards and prizes for 2005. The awards luncheon will be held on Saturday, April 9, 2005 in Grand Ballroom I from 11:40 a.m. to 2:00 p.m.

The following AAG Honors awards will be presented:

Kenneth Foote, University of Colorado, Boulder
Gilbert Grosvenor Honors in Geographic Education

Joan Clemons, University of California, Los Angeles
Gilbert Grosvenor Honors in Geographic Education

Jennifer Wolch, University of Southern California
Distinguished Scholarship Honors

Joni Seager, York University
Media Achievement Award

Mark Schwartz, University of Wisconsin, Milwaukee
Ronald F. Abler Distinguished Service Honors

John Fraser Hart, University of Minnesota, Minneapolis
Lifetime Achievement Honors

Allan Pred, University of California, Berkeley
Lifetime Achievement Honors

In addition to AAG Honors, the Anderson Medal in Applied Geography, and the J. Warren Nystrom Awards will be presented, as well as numerous specialty group and other awards and prizes. The AAG's 2005 Fifty-Year Members will also be recognized at the luncheon. The cost of the luncheon is \$40, including service and tax. A complete table of ten is also available for \$380. Tickets can be purchased at the AAG Registration Desk.

SPECIAL EVENTS

AAG AWARDS LUNCHEON(continued)

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

Brian J.L. Berry
Allen D. Bushong
John Hiltner, Jr.
Ying C. Kiang
Paul E. Lydolph
Vincent Miller
Dr. Herbert Rau, Jr.
Harold M. Rose
Gwen M. Schultz
Joseph Sonnenfeld
Harley Jesse Walker

AAG BANQUET/PAST PRESIDENT'S ADDRESS

Past President **Alexander Murphy** will host the AAG Banquet on Thursday, April 7, in Grand Ballroom I/II. The banquet dinner begins at 7:00 p.m. Single tickets are still available for \$55 each, or you may purchase 10 discounted tickets to reserve a full table for your department, AAG Specialty Group, or students or friends. Cost of a Banquet Table for 10 is \$530. To purchase individual tickets or an entire table, please visit the AAG Registration Desk. At the banquet, Presidential Achievement Awards will be presented to Donald Meinig and Alan Vorhees; Aangeenbrug Award will be presented to Roger Tomlinson.

Following the banquet, doors will open to all members at 8:30 p.m. for the Past President's Address on **"Enhancing Geography's Role in Public Debate."**

AAG BUSINESS MEETING

The AAG's annual Business Meeting will be held in Plaza Ballroom F on Saturday, April 9 from 2:00 p.m. - 3:00 p.m. AAG officers will present their annual reports. All are welcome to attend.

SPECIAL EVENTS

NATIONAL GEOGRAPHIC INFORMATION SESSION

8:30 a.m. - 11:00 a.m. Thursday, April 7

Located across from AAG Registration Desk

Join National Geographic for coffee and pastries—and enter to win one of two signed 8th Edition National Geographic Atlases of the World. Meet with NGS staff to discuss grants from Research, Conservation and Exploration and the Education Foundation. Find out about internships for geography/cartography majors, maps, TOPO! software, and more. See how NGS helps teachers include geography in the K-12 curriculum through online resources such as EdNet (an online educator network), the Xpeditions site (with hundreds of lessons, activities, maps), teacher professional development, and a new online student atlas. Learn about the Society's new federal geography education policy initiative. Everyone invited – drop by anytime.

OPENING EVENING EVENTS

Tuesday, April 5, 6:00 p.m. - 11:00 p.m.

- 6:00 p.m. Opening Session Keynote Address by Barry Lopez
- 7:00 p.m. International Reception in Exhibit Hall: Mingle with colleagues from around the world while enjoying hors d'oeuvres and drinks. The reception will provide opportunities for domestic participants to meet overseas visitors and explore with them common interests in teaching, research, and service.
- 7:30 p.m. Tribal Music Performance featuring the Iron Family Dancers and Singers/ Pawnee Spotted Horse Drum Group: The group features Pawnee, Crow, Navajo, Southern Cheyenne, Kiowa, and Sioux tribes. A wide variety of Native American dances will be represented. The singing style is representative of the southern plains tribes.
- 8:00 p.m. Western Social Welcome with Denver's premier dance band—"Heartbeat." Drinks and hors d'oeuvres will be served.

SPECIAL EVENTS

USGS DEMONSTRATION

From Tuesday, April 5 to Friday, April 8 in booth #311 (during the hours the exhibit hall is open), conference attendees can see continuing demonstrations of USGS capabilities in geographic research, applied geography, and geospatial data. USGS geographers will be on hand to demonstrate prototype technologies for three-dimensional map display and real-time images from earth observing satellites. Recent examples of USGS geography at work in addressing challenging issues for modern society and the natural world will be featured. USGS geographers will also be available to present advances in online access to a broad array of geospatial data, including The National Map, and to guide direct, hands-on geospatial data inquiries. Lively dialogue is encouraged.

WESTERN FILM SERIES

Friday, April 8, 8:30 p.m. - 12:30 a.m., Grand Ballroom I

Organizer: Douglas Richardson, Association of American Geographers

The Misfits (1961) 8:30 p.m.

This Western classic will be introduced by geographer Dydia DeLyser. Directed by John Huston, screenplay by the late Arthur Miller, starring Marilyn Monroe, Clark Gable, and Montgomery Clift.

Things to Do in Denver When You're Dead (1995) 10:30 p.m.

This Denver cult film will be introduced by geographers Christopher Lukinbeal and Stuart Aitken. Directed by Gary Fleder, screenplay by Scott Rosenberg, starring Andy Garcia, Christopher Lloyd, and Steve Buscemi.

SPECIAL EVENTS

AAG Awards Luncheon

Saturday, April 9, 11:40 a.m. - 2:00 p.m. (Grand Ballroom I)

AAG Banquet/Past President's Address

Thursday, April 7, 7:00 p.m. - 8:30 p.m. (Grand Ballroom I/II)

AAG Business Meeting

Saturday, April 9, 2:00 p.m. - 3:00 p.m. (Plaza Ballroom F)

AAG Healthy Departments Panel Discussion (Session 3618)

Thursday, April 7, 5:00 p.m. - 6:40 p.m. (Plaza Ballroom A)

Brigham Young University Geography Department Alumni Breakfast

Wednesday, April 6, 8:00 a.m. - 10:00 a.m. (Brahms Room, Executive Tower Hotel, 1405 Curtis Street)

Clark Geography Reunion Sponsored by Clark University's Graduate School of Geography and Alumni Affairs Office

Thursday, April 7, 6:30 p.m. - 8:30 p.m. (Maggiano's Restaurant, 500 16th Street)

College Board Reception for Advanced Placement Human Geography

Wednesday, April 6, 6:30 p.m. - 8:30 p.m. (Director's Row H)

Convergence Reception Co-Sponsored by EJHR and CAPE

Wednesday, April 6, 4:30 p.m. - 6:00 p.m. (Plaza Ballroom F)

Cultural Geography Specialty Group Reception

Wednesday, April 6, 8:00 p.m. - 10:00 p.m. (Plaza Court 1)

Geographical Perspectives of Denver and Colorado (Session 1627)

Tuesday, April 5, 4:00 p.m. - 5:40 p.m. (Director's Row H)

Geographies of Wildfire: Managing Hazards and Natural Resources II (featuring Stephen Pyne, Honorary Geographer - Session 4527)

Friday, April 8, 4:00 p.m. - 5:40 p.m. (Director's Row H)

Geography and the Congress (Session 4417)

Friday, April 8, 2:00 p.m. - 3:40 p.m. (Governor's Square 17)

Geography and the South Asian Tsunami (Session 3531)

Thursday, April 7, 3:00 p.m. - 4:40 p.m. (Tower Court B)

Geography's Evolving Role in the National Mapping Agencies in the US and UK (Session 4514)

Friday, April 8, 4:00 p.m. - 5:40 p.m. (Governor's Square 14)

Journeys in Nunavut - A World Class Eco-Tourism Destination (Sponsored by Canadian Studies Specialty Group - Session 2317)

Wednesday, April 6, 11:40 a.m. - 1:00 p.m. (Governor's Square 17)

Keynote Address by the Honorable Timothy E. Wirth, President, United Nations Foundation and Better World Fund (Session 4349)

Friday, April 8, 12:00 p.m. - 1:00 p.m. (Majestic Ballroom)

Michigan State University Reception

Wednesday, April 6, 8:00 p.m. - 10:00 p.m. (Director's Row F)

SPECIAL EVENTS

Military Geography Specialty Group Reception

Wednesday, April 6, 4:40 p.m. - 6:00 p.m. (Governor's Square 11)

National Geographic Information Session

Thursday, April 7, 8:30 a.m. - 11:00 a.m. (Across from AAG Registration Desk)

New Technology Forum

Thursday, April 7, 1:00 p.m. (Plaza Ballroom D)

Ohio Reception

Thursday, April 7, 9:00 p.m. - 12:00 a.m. (Director's Row E)

Ohio State University Reception

Thursday, April 7, 8:00 p.m. - 11:00 p.m. (Beverly)

Opening Evening Events

Tuesday, April 5, 6:00 p.m. - 11:00 p.m.

6:00 p.m. Opening Session Keynote Address by Barry Lopez (Plaza Ballroom A/B)

7:00 p.m. International Reception in Exhibit Hall

7:30 p.m. Tribal Music Performance (Plaza Ballroom D/E/F)

8:00 p.m. Western Social Welcome (Plaza Ballroom D/E/F)

Past President's Address featuring Alexander B. Murphy

Thursday, April 7, 8:30 p.m. - 10:00 p.m. (Grand Ballroom I/II)

Physical Geography Reception

Friday, April 8, 8:00 p.m. - 11:00 p.m. (Majestic Ballroom). Sponsored by AAG Specialty Groups: Cryosphere, Biogeography, Climate, Geomorphology, Mountain Geography, and Water Resources. Publishers: Blackwell, John Wiley, Elsevier and Bellwether

Plenary: Geographies of Fear and Hope: Economies, Politics, and Peace

Wednesday, April 6, 5:00 p.m. - 6:30 p.m. (Plaza Ballroom D/E)

Plenary: Geographies of Fear and Hope: Environments, Societies, and Sustainability

Friday, April 8, 6:00 p.m. - 7:30 p.m. (Plaza Ballroom D/E)

Texas State University - San Marcos Reception

Thursday, April 7, 8:00 p.m. - 10:00 p.m. (Terrace)

University at Buffalo, SUNY Reception

Friday, April 8, 8:00 p.m. - 12:00 a.m. (Savoy)

University of Denver Open House/Reception

Wednesday, April 6, 5:00 p.m. - 9:00 p.m.

Olin Hall Rotunds, University of Denver, Olin Hall Rotunda, 2190 East Iliff Avenue

All meeting attendees welcome to attend

University of Georgia Reception

Wednesday, April 6, 8:30 p.m. - 11:30 p.m. (Vail)

University of Maryland Reception

Wednesday, April 6, 7:00 p.m. - 9:00 p.m. (Terrace)

University of Minnesota Reception

Wednesday, April 6, 8:30 p.m. - 11:30 p.m. (Director's Row E)

SPECIAL EVENTS

University of Washington Reception

Wednesday, April 6, 8:30 p.m. - 11:00 p.m. (Beverly)

UCLA Reception

Wednesday, April 6, 8:00 p.m. - 11:30 p.m. (Columbine)

USGS Demonstration

Tuesday through Friday (Exhibit Booth 311; see page 23 for details)

World Geography Bowl

Wednesday, April 6, 7:30 p.m. - 10:30 p.m. (see page 30 for schedule and locations)

Western Film Series

Friday, April 8, 8:30 p.m. - 11:30 p.m. (see page 23 for schedule and locations)

Visit us at booth #217 **Syracuse University Press**

*The people,
The places,
The times,
it's all in...*

THE ENCYCLOPEDIA *of* NEW YORK STATE

With nearly 2,000 pages and 4,500 signed entries and lavishly illustrated with 500 photographs and figures, 120 maps, and 140 tables, the *Encyclopedia* is key to understanding the state's past, present, and future. It is a crucial reference for students, teachers, historians, and anyone interested in finding out all there is to know about the Empire State.

Cloth \$95.00 0-8156-0808-x

Also available from Syracuse University Press . . .

THE BOUNDLESS SELF

Controversies in Regional and Global Issues

Paul C. Adams

Explores new terrain in human geography and re-examines concepts of regional boundaries and place.

Cloth \$29.95 0-8156-3065-4

THE ADIRONDACK ATLAS

A Geographic Portrait of the Adirondack Park

Jerry Jenkins with Andy Keel

Paper \$29.95 0-8156-0029-4

INVENTING BLACK ON BLACK VIOLENCE

Diseases, Spots, and Reputations

David Wilson

Examines the racial invention of a social problem throughout the 1990s and beyond: "black crime."

Cloth \$24.95 0-8156-3020-8

MAKING SPACE

Resisting the World 11:7-1600

John Horne Short

Cloth \$24.95 0-8156-3021-0

To order call: 1-800-365-8929 www.SyracuseUniversityPress.syr.edu

New from OXFORD

Come visit us at booth #211 and receive a 20% discount.

Access to Geography

Weathering, Slopes
and Landforms

DAVID ATKINSON
(A Hodder Arnold Publication)
2004 paper \$12.95

An Uncooperative Commodity

Privatizing Water in
England and Wales

KAREN J. BAKKER
(Oxford Geographical and Environmental
Studies Series)
2004 \$85.00

Human Geography

A History for the 21st Century

Edited by GEORGES BENKO
and ULF STROHMAYER
(A Hodder Arnold Publication)
2004 paper \$35.00

New State Spaces

Urban Governance and the
Rescaling of Statehood

NEIL BRENNER
2004 paper \$24.95 cloth \$99.00

World Atlas of Epidemic Diseases

ANDREW CLIFF, PETER HAGGETT,
and MATTHEW SMALLMAN-
RAYNOR
(A Hodder Arnold Publication)
2004 \$225.00

Envisioning Human Geographies

Edited by PAUL CLOKE, PHILIP
CRANG, and MARK GOODWIN
(A Hodder Arnold Publication)
2004 paper \$24.95

Physical Geography: The Global Environment, Third Edition and New Concise World Atlas, College Edition 2-Volume Set

HARM J. DE BLIJ, PETER O. MULLER,
and RICHARD S. WILLIAMS, JR.
2004 paper \$79.95

Physical Geography: The Global Environment, Third Edition and Geography

HARM J. DE BLIJ, PETER O. MULLER,
and RICHARD S. WILLIAMS, JR.
2004 \$69.95

River Channel Management Towards Sustainable Catchment Hydrosystems

PETER W. DOWNS and
KENNETH J. GREGORY
(A Hodder Arnold Publication)
2004 paper \$35.00

A Practical Guide to the Study of Glacial Sediments

Edited by DAVID J. A. EVANS
and DOUGLAS I. BENN
(A Hodder Arnold Publication)
2004 paper \$24.95

The Geography of War and Peace From Death Camps to Diplomats

Edited by COLIN FLINT
2004 paper \$35.00 cloth \$85.00

Australian Cities Continuity and Change

Third Edition
CLIVE FORSTER
2004 paper \$26.95

French Beans and Food Scares

Culture and Commerce
in an Anxious Age
SUSANNE FREIDBERG
2004 paper \$24.95 cloth \$74.00

Soil Management Problems and Solutions

MICHAEL A. FULLEN
and JOHN A. CATT
(A Hodder Arnold Publication)
2004 paper \$29.95

Human Geography

Fifth Edition
WILLIAM NORTON
2004 \$69.95

Continents and Supercontinents

JOHN J. W. ROGERS and
M. SANTOSH
2004 \$74.50

Geography in America at the Dawn of the 21st Century

Edited by GARY L. GAILE
and CORT J. WILLMOTT
2004 \$150.00

Manufacturing Culture The Institutional Geography of Industrial Practice

MERIC S. GERTLER
(Oxford Geographical and Environmental
Studies Series)
2004 \$74.00

Thailand at the Margins

Internationalization of
the State and the
Transformation of Labour

JIM GLASSMAN
(Oxford Geographical and Environmental
Studies Series)
2004 \$95.00

Physical Geography A Human Perspective

RICHARD HUGGETT, SARAH LIND-
LEY, HELEN GAVIN, and
KATE RICHARDSON
(A Hodder Arnold Publication)
2004 paper \$45.00

Geography & Geographers Anglo-American Human Geography since 1945

Sixth Edition
R. J. JOHNSTON and J. D. SIDAWAY
(A Hodder Arnold Publication)
2004 paper \$29.95

Journeys

5-volume set
2004 \$94.75

OXFORD
UNIVERSITY PRESS

Prices are subject to change and apply only in the US. To order, or for more information, please call 1-800-451-7556. In Canada, call 1-800-387-8020.

Visit our website at www.oup.com/us

JKC.11105

New from OXFORD

A Continent Transformed Human Impact on the Natural Vegetation of Australia

Second Edition

JAMIE KIRKPATRICK

2004 paper \$24.95

Global Warming: A Very Short Introduction

MARK MASLIN

(*Very Short Introductions*)

2005 paper \$9.95

Understanding Weather A Visual Approach

JULIAN MAYES and KAREL HUGHES

(*A Hodder Arnold Publication*)

2004 paper \$19.95

A Dictionary of Geography

Third Edition

SUSAN MAYHEW

(*Oxford Paperback Reference*)

2004 paper \$15.95

World Atlas of Natural Hazards

BILL MCGUIRE, CHRIS KILBURN,
PAUL BURTON, and
OLLIE WILLETTS

(*A Hodder Arnold Publication*)

2004 \$250.00

New Europe

Imagined Spaces

DONALD MCNEILL

(*A Hodder Arnold Publication*)

2004 paper \$24.95

Resource and Environmental Management in Canada

Third Edition

Edited by BRUCE MITCHELL

2004 paper \$29.95

Making Sense: A Student's Guide to Research and Writing

Geography & Environmental
Sciences

Updated Second Edition

MARGOT NORTHEY and DAVID B.
KNIGHT

2004 paper \$16.95

Mountain Geomorphology

PHILIP N. OWENS and
OLAV SLAYMAKER

(*A Hodder Arnold Publication*)

2004 paper \$29.95

Introduction to the Pan-Caribbean

TRACEY SKELTON

(*A Hodder Arnold Publication*)

2004 paper \$25.00

War Epidemics

An Historical Geography of
Infectious Diseases in Military
Conflict and Civil Strife,
1850–2000

M. R. SMALLMAN-RAYNOR
and A. D. CLIFF

(*Oxford Geographical and Environmental
Studies Series*)

2004 \$200.00

A–Z of Countries of the World

New Edition

PETER STALKER

(*Oxford Paperback Reference*)

2005 paper \$16.95

Dangerous Harvest

Drug Plants and the
Transformation of Indigenous
Landscapes

Edited by MICHAEL K. STEINBERG,
JOSEPH J. HOBBS, and
KENT MATHEWSON

2004 paper \$29.95 cloth \$74.00

Social Power and the Urbanization of Water Flows of Power

ERIK SWYNGEDOUW

(*Oxford Geographical and Environmental
Studies Series*)

2004 \$85.00

Atlas of the Civil War

STEVEN E. WOODWORTH
and KENNETH J. WINKLE

Foreword by JAMES MCPHERSON

2004 \$75.00

Integrated Land-Change Science and Tropical Deforestation in the Southern Yucatán Final Frontiers

Edited by B. L. TURNER, II,
JACQUELINE GEOGHEGAN,
and DAVID R. FOSTER

(*Clarendon Lectures in Geography and
Environmental Studies*)

2004 \$99.00

Advanced Distance Sampling

Estimating Abundance of
Biological Populations

S.T. BUCKLAND, D.R. ANDERSON,
K.P. BURNHAM, J.L. LAAKE, D.L.
BORCHERS, and L. THOMAS

2004 \$94.50

Atlas of North America

H. J. DE BLIJ

2005 \$125.00

Why Geography Matters

H. J. DE BLIJ

2005 \$27.00

Atlas of the World Twelfth Edition

2004 \$80.00

The Last Imaginary Place

A Human History
of the Arctic World

ROBERT MCGHEE

2005 \$30.00

Atlas of the Medieval World

ROSAMOND MCKITTERICK

2004 \$45.00

Latin America Transformed Globalization and Modernity *Second Edition*

Edited by ROBERT N. GWYNNE and
CRISTÓBAL KAY

(*A Hodder Arnold Publication*)

2004 paper \$29.95

OXFORD
UNIVERSITY PRESS

Prices are subject to change and apply only in the US. To order, or for more information, please call 1-800-451-7556. In Canada, call 1-800-387-8020.

Visit our website at www.oup.com/us

JKC.11105

WORLD GEOGRAPHY BOWL

Wednesday, April 6, 7:30 p.m.

The AAG thanks the 2005 World Geography Bowl sponsors: Blackwell Publishing, Hammond World Atlas, John Wiley and Sons, National Geographic Society, and Rand McNally.

Student teams from the AAG's regional divisions will compete in a round robin starting at 7:30 p.m. in Governor's Square 12, Governor's Square 14, Governor's Square 15, and Plaza Ballroom D. The championship round will begin at 10:00 p.m. in Plaza Ballroom D.

World Geography Bowl Directors

Michael Solem, AAG
Laurence W. Carstensen Jr., Virginia Tech

Judges

Peggy Gripshover, University of Tennessee
Tom Bell, University of Tennessee
Harold Trendell, Kennesaw State University
Jon Moore, Utah Valley State

Moderators

Diane Stanitski, NOAA
Elizabeth Leppman, St. Cloud State University
Jennifer Collins, Bloomsburg University
Lynn Resler, Virginia Tech

Final Round Judges

Victoria Lawson, University of Washington
Tom Deaton, Dalton State College
Peggy Gripshover, University of Tennessee
Tom Bell, University of Tennessee

Final Round Moderator

Laurence W. Carstensen Jr., Virginia Tech

Final Round and Master Scorekeepers

Jim Young, Appalachian State University
Arlene Hill, University of Memphis

Question Writers

Thomas Deaton, Dalton State College
Chuck Fahrer, Missouri Southern State University
Peggy Gripshover, University of Tennessee
Elizabeth Leppman, Saint Cloud State University
Neal Lineback, Appalachian State University
Bryon Middlekauff, Plymouth State University
Jeffrey Neff, Western Carolina University
Harold Trendell, Kennesaw State University



HUNGRY CORPORATIONS

*Transnational Biotech Companies
Colonise the Food Chain*

Helena Paul and
Ricarda Steinbrecher
with Lucy Michaels and
Devlin Kuyek
256 pp. / 1-84277-300-3 / \$75.00 cl.
1-84277-301-1 / \$22.50 pb.
Zed Books

ORGANIC FARMING

Policies and Prospects

Stephan Dabbert,
Anna Maria Haring and
Raffaele Zanoli
192 pp. / 1-84277-326-7 / \$65.00 cl.
1-84277-327-5 / \$22.50 pb.
Zed Books

RECLAIMING DEVELOPMENT

*An Economic Policy Handbook for
Activists and Policymakers*

Ha-Joon Chang and Ilene Grabel
Global Issues
192 pp. / 1-84277-200-7 / \$55.00 cl.
1-84277-201-5 / \$17.50 pb.
Zed Books

THIRSTY PLANET

*Strategies for Sustainable
Water Management*

Constance Elizabeth Hunt
256 pp. / 1-84277-242-2 / \$75.00 cl.
1-84277-243-0 / \$22.50 pb.
Zed Books

FASHIONING LONDON

Clothing and the Modern Metropolis

Christopher Breward
256 pp. / 1-85973-787-0 / \$74.95 cl.
1-85973-792-7 / \$24.95 pb.
Berg Publishers

THE MEANING OF WATER

Veronica Strang
320 pp. / 1-85973-748-X / \$84.95 cl.
1-85973-753-6 / \$28.95 pb.
Berg Publishers

ARCHITECTURE AND TOURISM

Perception, Performance and Place

Edited by D. Medina Lasansky and
Brian McLaren
320 pp. / 1-85973-704-8 / \$84.95 cl.
1-85973-709-9 / \$28.95 pb.
Berg Publishers

UNDERSTANDING URBAN TOURISM

Image, Culture and Experience

Martin Selby
272 pp. / 1-86064-800-2 / \$69.95 cl.
1-86064-801-0 / \$26.95 pb.
I.B.Tauris

HISTORIC MAPS OF ARMENIA

The Cartographic Heritage

Rouben Galichian
220 pp. / 1-86064-979-3 / \$75.00 cl.
I.B.Tauris

STROLLING THROUGH ATHENS

*Fourteen Unforgettable Walks
through Europe's Oldest City*

John Freely
379 pp. / 1-85043-595-2 / \$16.95 pb.
Tauris Parke Paperbacks

THE DATE PALM

*From Traditional Resource to
Green Wealth*

The Emirates Center for Strategic
Studies and Research
457 pp. / 9948-00-551-1 / \$85.00 cl.
9948-00-550-3 / \$45.00 pb.
I.B.Tauris

BIOTECHNOLOGY AND THE FUTURE OF SOCIETY

Challenges and Opportunities

The Emirates Center for Strategic
Studies and Research
338 pp. / 9948-00-509-0 / \$79.50 cl.
9948-00-508-2 / \$39.50 pb.
I.B.Tauris

THE WESTERN SHORES OF TURKEY

*Discovering the Aegean and
Mediterranean Coasts*

John Freely
432 pp. / 1-85043-618-5 / \$22.50 pb.
Tauris Parke Paperbacks

CULTURAL GEOGRAPHY

A Critical Dictionary of Key Ideas

Edited by David Sibley, Peter
Jackson, David Atkinson and
Neil Washbourne
*International Library of
Human Geography*
224 pp. / 1-86064-703-0 / \$59.50 cl.
1-86064-702-2 / \$24.50 pb.
I.B.Tauris

OIL POLITICS

A Modern History of Petroleum

Francisco Parra
352 pp. / 1-86064-977-7 / \$74.95 cl.
I.B.Tauris

CONSUMING CITIES

Malcolm Miles and Steven Miles

256 pp. / 0-333-97709-2 / \$75.00 cl.
0-333-97710-6 / \$26.95 pb.

PLANNING WORLD CITIES

*Globalization, Urban Governance
and Policy Dilemmas*

Peter Newman and
Andrew Thornley
Planning, Environment, Cities
256 pp. / 0-333-74869-7 / \$85.00 cl.
0-333-74870-0 / \$26.95 pb.

THE PALGRAVE CONCISE HISTORICAL ATLAS OF THE FIRST WORLD WAR

William J. Philpott and
Matthew Hughes
128 pp. / 1-4039-0433-2 / \$59.95 cl.
1-4039-0434-0 / \$19.95 pb.

THE PALGRAVE CONCISE HISTORICAL ATLAS OF THE SECOND WORLD WAR

Martin Folly
June 2005 / 144 pp.
1-4039-0285-2 / \$59.95 cl.
1-4039-0286-0 / \$19.95 pb.

VENOMOUS EARTH

*How Arsenic Caused the World's
Worst Mass Poisoning*

Andrew Meharg
256 pp. / 1-4039-4499-7 / \$29.95 cl.
Macmillan

CHANGING CITIES

*Rethinking Urban Competitiveness,
Cohesion, and Governance*

Edited by Nick Buck, Ian Gordon,
Alan Harding and Ivan Turok
288 pp. / 1-4039-0679-3 / \$78.00 cl.
1-4039-0680-7 / \$28.95 pb.

CITYSCAPES

Methods and Movement

Ben Highmore
240 pp. / 0-333-92934-9 / \$83.95 cl.
0-333-92935-7 / \$28.95 pb.

Visit us at Booth #318

NEW TECHNOLOGY FORUM

Thursday, April 7, 1:00 p.m. - 2:40 p.m., Plaza Ballroom D

A new feature at this year's Annual Meeting, the New Technology Forum highlights the latest developments in geographic technologies, research, and applications. Jack Dangermond, founder and President of ESRI, will open the session with an overview of the current direction of geographic technologies, followed by 10-minute summaries of the most recent developments at key geographic technology providers.

ESRI

GIS Software Trends

ESRI offers tools that enable you to build intelligent geographic information systems (GIS). These tools include software solutions that are designed to meet your specific business needs. Explore a routing application for the Web, a production and maintenance system for digital cartographic databases, or a collection of software components that enable developers to build custom applications.

Leica Geosystems GIS & Mapping, LLC

Rapid and Real Time Mapping Technologies

Technologies available to first responders for rapid map creation are undergoing significant advances. Multi-sensor, high resolution airborne pixel-based and lidar systems are becoming more widely used as the long-standing constraints of cost, downlink delivery and spectral and spatial resolution limitations are mitigated. This discussion will include a description and system architecture for multiple use cases and a prototype of real time mapping capability. This capability is intended to support the first responder community in the event of a variety of human-induced incidents and natural disasters as well as in response planning and post incident analysis activities.

Intergraph

Intergraph GeoMedia 6.0

This session features Intergraph's GeoMedia 6.0 and showcases new features, usability enhancements, and workflow improvements, making it the most significant release since version 1.0. Come hear about GeoMedia 6.0's new approach for feature/data displays, which provides the user more efficient and powerful display capabilities, making it faster and easier for users to create map displays.

NEW TECHNOLOGY FORUM

Applied Field Data

Recent Advances in GPS/GIS and Remote Sensing Technologies

The presentation will cover advances that have taken place for the GIS MAPPING applications. Features of new hardware and software will be covered along with demonstration of the new software and hardware.

Golden Software

An Introduction to Thematic Mapping with Golden Software's MapViewer

Golden Software's MapViewer program quickly and easily creates custom thematic maps. Come see how MapViewer allows you to link your own data to curve, point, or area boundaries to produce one of thirteen different publication-quality map types. MapViewer includes a full projection library, so you can convert the projection and datum of your maps. You can also calibrate and display raster images, import and export georeferenced image files, create multiple layers, and add a legend, scale bar, and graticule lines to your map. MapViewer's flexibility and ease-of-use is unparalleled!

TerraSeer®

It's About Time! The TerraSeer® Space-Time Intelligence System™

It's about time GIS users had an easy way to handle time-based data. Now they do. Like a GIS, the TerraSeer® STIS™ enables mapping, querying, and graphs. Unlike a GIS, the STIS seamlessly integrates time into its data structure, so maps, tables, and graphs can be fully animated – directly from the data. The STIS interface also links open map and data views for intuitive exploration of hidden relationships. Built-in analytic tools let you test for significance, without having to export to statistical software. Use STIS alone or with your GIS to easily see and test data changes through time.

Geotechnologies, Inc.

The Next Generation of WEB Mapping and GIS

Geotechnologies, Inc. is one of the largest suppliers of imaging and CADD/GIS conversion services in the U.S. and Canada. Geotechnologies has developed an online GIS system that provides many of the features of computer oriented GIS software systems. This new technology allows users to import vector or raster data into the system and perform high level geographic or image analysis on the data sets. The system is XML-based, which allows it to interact with virtually any type of data storage. This system is vendor neutral and will accept many types of vector, raster, and information directly into the system. The interactive white boarding feature makes it a very effective collaboration tool.

JOBS IN GEOGRAPHY (JIG)

Jobs in Geography (JIG) exhibit will be located in the Governor's Square foyer outside Plaza Ballroom A, only steps away from the special JIG sessions. These JIG sessions feature extensive information on careers in geography, professional development, career development, and employment opportunities. The JIG exhibit will feature numerous job postings in all fields of geography for students and job seekers. There will also be tables setup to facilitate formal and informal job interviews. New at this year's JIG exhibit will be a prototype of the AAG Careers in Geographical Sciences Web site, and information on research on-going at the AAG on careers in geography.

The Jobs in Geography exhibit will be open during the following hours:

Wednesday, April 6, 9:30 a.m. - 4:30 p.m.

Thursday, April 7, 9:30 a.m. - 4:30 p.m.

Friday, April 8, 9:30 a.m. - 4:00 p.m.

Jobs in Geography also features an extensive set of sessions on careers in geography, professional development, career development, and employment opportunities. These sessions are listed below and marked throughout the program with an asterisk.

Becoming an Academic Human Geographer (Session 2117)

Wednesday, April 6, 8:00 a.m. - 9:40 a.m.

Room: Governor's Square 17

Making Your Own Way: Grant Proposal Writing for Graduate School and Beyond (Session 2417)

Wednesday, April 6, 1:00 p.m. - 2:40 p.m.

Room: Governor's Square 17

Writing Proposals and Finding Funding for Qualitative Research in Geography (Session 2517)

Wednesday, April 6, 3:00 p.m. - 4:40 p.m.

Room: Governor's Square 17

Publishing in the *Annals* (Session 3217)

Thursday, April 7, 10:00 a.m. - 11:40 a.m.

Room: Governor's Square 17

Building a Geography Career: Academia and Beyond (Session 4317)

Friday, April 8, 12:00 p.m. - 1:40 p.m.

Room: Governor's Square 17

Exploring Connections, Employment, and Themes in Geography Education (Session 4517)

Friday, April 8, 4:00 p.m. - 5:40 p.m.

Room: Governor's Square 17

Geography Journals From Routledge



Australian Geographer

Editor: **James Forrest**, Macquarie University, Australia
Volume 36, 2005, 3 issues per year

Children's Geographies

Increase in frequency

Editor: **Hugh Matthews**, University College Northampton, UK
Volume 3, 2005, 3 issues per year



City: analysis of urban trends, culture, theory, policy, action

Editor: **Bob Catterall**, UK
Volume 9, 2005, 3 issues per year

Ethics, Place & Environment: A Journal of Philosophy and Geography

Editors: **Tim Unwin**, University of London, UK; **Andrew Light**, York University, USA; **Jonathan Smith**, Texas A&M University, USA
Volume 8, 2005, 3 issues per year



Gender, Place and Culture: A Journal of Feminist Geography

Editors: **Linda Peake**, York University, Canada; **Brenda Yeoh**, National University of Singapore
Volume 12, 2005, 4 issues per year

International Journal of Geographic Information Science

Editor: **Peter Fisher**, University of Leicester, UK
Volume 19, 2005, 8 issues per year



International Journal of Remote Sensing

Editor-in-Chief: **A.P. Cracknell**, University of Dundee, UK
Volume 26, 2005, 24 issues per year

International Journal of Water Resources Development

Editor: **Asit K. Biswas**, Third World Centre for Water Management, Mexico
Volume 21, 2005, 4 issues per year



Journal of Environmental Planning and Management

Editor: **Kenneth G. Willis**, University of Newcastle, UK
Volume 48, 2005, 6 issues per year

Journal of Environmental Policy and Planning

Editors: **Kevin Bishop**, Welsh Local Government Association; **Andrew Flynn**, **Terry Marsden**, Cardiff University, UK
Volume 7, 2005, 4 issues per year

Journal of Geography in Higher Education

Editors: **Martin Haigh**, Oxford Brookes University, UK and **David Higgitt**, National University of Singapore
Volume 29, 2005, 3 issues per year

Journal of Urban Design

Editor: **Taner Oc**, University of Nottingham, UK
Volume 10, 2005, 3 issues per year

Journal of Urban Technology

Editor: **Richard E. Hanley**, The City University of New York, Brooklyn, USA
Volume 12, 2005, 3 issues per year

Journal of Wine Research

Editor: **James Handford**, London, UK
Volume 16, 2005, 3 issues per year

Landscape Research

Editor: **Ian Thompson**, University of Newcastle-upon-Tyne, UK
Volume 30, 2005, 4 issues per year

Local Environment

The International Journal of Justice and Sustainability

Editors: **Julian Agyeman**, Tufts University, USA; **Bob Evans**, University of Northumbria, Newcastle, UK
Volume 10, 2005, 6 issues per year

Norwegian Journal of Geography

Editors: **Mary Edwards**, **Bernd Eitzelmlüller**, **Michael Jones**, all at the Dragvoll University Centre, Trondheim, Norway
Volume 59, 2005, 4 issues per year

Regional Studies

Managing Editor: **Peter Tyler**, University of Cambridge, UK
Volume 39, 2005, 9 issues per year

Social and Cultural Geography

Increase in frequency

General Editor: **Rob Kitchin**, National University of Ireland, Maynooth, Ireland
Volume 6, 2005, 6 issues per year

Space and Polity

Editor: **Ronan Paddison**, University of Glasgow, UK
Volume 9, 2005, 3 issues per year

Tourism Geographies

Editor: **Alan A. Lew**, Northern Arizona University, USA
Volume 7, 2005, 4 issues per year

Urban Policy and Research

Editor: **David Hayward**, Swinburne University of Technology, Australia
Volume 23, 2005, 4 issues per year

Urban Studies

Editors: **Ronan Paddison**, **Jon Bannister** & **Kenneth Gibb**, all at University of Glasgow, UK
Volume 42, 2005, 13 issues per year



Register your email address at www.tandf.co.uk/eupdates to receive information on books, journals and other news within your areas of interest.

ONLINE ACCESS WITH INSTITUTIONAL SUBSCRIPTIONS.

For further information, or to request a sample copy, please contact Lisa Mahan at the address below and quote reference AAG05:

Routledge, Taylor & Francis Group, 4 Park Square, Milton Park, Abingdon, Oxon OX14 4RN, UK
Email: lisa.mahan@tandf.co.uk Fax: +44 (0)1235 829003

All of the above journals are available online. For further information please visit: www.tandf.co.uk/journals

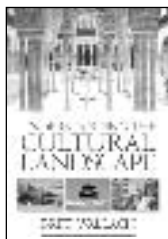
OUTSTANDING TEXTS



15% Off for Conference Attendees through 5/31/05

Visit the
Guilford
Booth—
#324

NEW TITLES



UNDERSTANDING THE CULTURAL LANDSCAPE

Bret Wallach

406 Pages, 2005, 7" x 10" Paperback with over 95 maps & photos
ISBN 1-59385-119-7, Cat. #3Z5119, ~~\$28.00~~, \$23.80

GEOGRAPHIES OF MUSLIM WOMEN

Gender, Religion, and Space

Edited by Ghazi-Walid Falah and Caroline Nagel

320 Pages + Index, 2005, Paperback
ISBN 1-57230-134-1, Cat. #3Z0134, ~~\$30.00~~, \$25.50



TEACHING GEOGRAPHY

Phil Gersmehl

265 Pages + Index, April 2005, 7" x 10" Paperback + CD-ROM
ISBN 1-59385-154-5, Cat. #3Z5154, ~~\$40.00~~, \$34.00

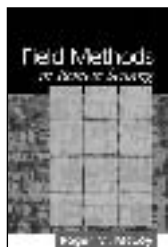
MAKING MAPS

A Visual Guide to Map Design for GIS

John Krygier and Denis Wood

Approx. 255 Pages, August 2005, 7" x 10" Paperback
ISBN 1-59385-200-2, Cat. # 3Z5200, ~~\$40.00~~, \$34.00

Forthcoming for
Fall Adoptions



FIELD METHODS IN REMOTE SENSING

Roger M. McCoy

159 Pages, 2005, Paperback
ISBN 1-59385-079-4, Cat. #3Z5079, ~~\$25.00~~, \$21.25

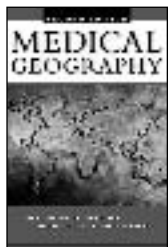
MEDICAL GEOGRAPHY

Second Edition

Melinda S. Meade and Robert J. Earickson

501 Pages, 2000, Paperback (2005)
ISBN 1-59385-160-X, Cat. #3Z5160, ~~\$40.00~~, \$34.00

First Time in
Paper



Many of the titles in this ad are also available in hardcover.
For more information about any of these titles,
visit our website at www.guilford.com

USE CODE 3Z WHEN ORDERING FOR AUTOMATIC DISCOUNT

GUILFORD PUBLICATIONS, INC. 72 SPRING STREET, NEW YORK, NY 10012

Order Online: www.guilford.com • Call Toll Free 800-365-7006 or call 212-431-9800

Fax: 212-966-6708 • E-mail: info@guilford.com

FROM THE GUILFORD PRESS

INDISPENSABLE RECENT TEXTS



THE GEOGRAPHY OF URBAN TRANSPORTATION

Third Edition

Edited by Susan Hanson and Genevieve Giuliano

419 Pages, 2004, 7" x 10" Hardcover

ISBN 1-59385-055-7, Cat. #3Z5055, ~~\$60.00~~, \$51.00

AFRICA SOUTH OF THE SAHARA

Second Edition

A Geographical Interpretation

Robert Stock

479 Pages, 2004, 7" x 10" Paperback

ISBN 1-57230-868-0, Cat. #3Z0868, ~~\$60.00~~, \$51.00

Series: *Texts in Regional Geography*



THE EUROPEANS

A Geography of People, Culture, and Environment

Robert C. Ostergren and John G. Rice

386 Pages, 2004, 7" x 10" Paperback with over 245 photos & maps

ISBN 0-89862-272-7, Cat. #3Z2272, ~~\$50.00~~, \$42.50

Series: *Texts in Regional Geography*



GLOBALIZATION AND ITS OUTCOMES

Edited by John O'Loughlin, Lynn Staeheli, and Edward Greenberg

404 Pages, 2004, Paperback

ISBN 1-59385-045-X, Cat. #3Z5045, ~~\$30.00~~, \$25.50

FIVE BILLION YEARS OF GLOBAL CHANGE

A History of the Land

Denis Wood

336 Pages, 2004, Paperback

ISBN 1-57230-958-X, Cat. #3Z0958, ~~\$19.95~~, \$16.95



HOW MAPS WORK

Representation, Visualization, and Design

Alan M. MacEachren

513 Pages, 1995, Paperback (2004)

ISBN 1-57230-040-X, Cat. #3Z0040, ~~\$35.00~~, \$29.75

FORTHCOMING—FALL 2005

• Robert B. Kent on Latin America (*in the Texts in Regional Geography Series, edited by James L. Newman*)

INSTRUCTORS: EXAM/DESK COPIES AVAILABLE

Visit www.guilford.com/instructors for information about requesting instructor copies of Guilford books. Selected titles are available "free for adoption consideration" to college faculty teaching relevant courses. All other titles are available for 60-day review.

Come
Visit Our
Booth—
#324

SPECIALTY MEETINGS

AAG Business Meeting

Saturday, April 9, 2:00 p.m. - 3:00 p.m. (Plaza Ballroom F)

AAG Committee on Committees Meeting

Sunday, April 3, 1:00 p.m. - 3:00 p.m. (Director's Row I)

AAG Council Meeting

Sunday, April 3, 3:00 p.m. - 7:00 p.m. (Director's Row I)

Monday, April 4, 8:00 a.m. - 6:00 p.m. (Director's Row I)

Tuesday, April 5, 8:00 a.m. - 12:00 p.m. (Director's Row I)

AAG Department Chairs Meeting

Thursday, April 7, 11:40 a.m. - 2:00 p.m. (Governor's Square 14)

AAG Executive Committee Meeting

Sunday, April 3, 8:00 a.m. - 12:00 p.m. (Director's Row I)

AAG Specialty Group Chairs Meeting

Wednesday, April 6, 11:50 a.m. - 12:50 p.m. (Governor's Square 12)

Africa Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Century)

Applied Geography Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Plaza Ballroom A)

Asian Geography Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Plaza Court 6)

Bible Geography Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Gold)

Biogeography Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Plaza Court 1)

Canadian Studies Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Gold)

Cartography Specialty Group Business Meeting

Wednesday, April 6 8:00 p.m. - 9:00 p.m. (Century)

China Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Century)

Climate Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Silver)

Coastal and Marine Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Director's Row F)

Committee on the Status of Women in Geography Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Spruce)

Communication Geography Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Beverly)

SPECIALTY MEETINGS

Community College Affinity Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Plaza Court 8)

Conference of Latin Americanist Geographers

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Plaza Court 6)

Cryosphere Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Silver)

Cultural and Political Ecology Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Spruce)

Cultural Geography Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Plaza Court 1)

Developing Areas Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Century)

Disability Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Grand Ballroom 1)

Economic Geography Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Plaza Ballroom A)

Energy and Environment Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Colorado)

Environmental Perception and Behavioral Geography Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Plaza Court 5)

Ethics, Justice, and Human Rights Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Plaza Court 4)

Ethnic Geography Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Plaza Court 3)

European Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Savoy)

FIPSE Steering Committee Meeting

Friday, April 8, 7:30 p.m. - 9:30 p.m. (Director's Row J)

Gender, Place & Culture Editorial Board Meeting

Wednesday, April 6, 11:50 a.m. - 12:50 p.m. (Director's Row J)

Geographic Information Science and Systems Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Colorado)

Geographic Perspectives on Women Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Colorado)

Geography Education Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Tower Court A)

SPECIALTY MEETINGS

Geography of Religions and Belief Systems Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Tower Court A)

Geomorphology Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Governor's Square 10)

GTU Executive Committee Meeting

Wednesday, April 6, 1:00 p.m. - 4:00 p.m. (Director's Row J)

Hazards Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Director's Row E)

Historical Geography Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Director's Row F)

History of Geography Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Plaza Court 2)

Human Dimensions of Global Change Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Governor's Square 9)

Indigenous Peoples Specialty Group Business Meeting

Wednesday, April 6, 7:50 p.m. - 8:00 p.m. (Tower Court C)

Latin America Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Plaza Court 6)

Medical Geography Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Governor's Square 10)

Meeting of U.S. National Committee to the International Cartographic Association

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Plaza Court 7)

Middle East Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Plaza Court 5)

Military Geography Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Plaza Court 5)

Mountain Geography Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Plaza Court 8)

National Geographic Education Foundation Meeting

Tuesday, April 5, 8:00 a.m. - 1:00 p.m. (Director's Row E)

Political Geography Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Plaza Court 7)

Population Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Plaza Court 4)

Public/Private Geographers Organizational Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Plaza Court 8)

SPECIALTY MEETINGS

Qualitative Research Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Plaza Court 4)

Recreation, Tourism, and Sport Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Plaza Court 4)

Regional Development and Planning Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Plaza Court 3)

Remote Sensing Specialty Group Business Meeting

Wednesday, April 6 8:00 p.m. - 9:00 p.m. (Plaza Court 3)

Retired Geographers Affinity Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Plaza Court 8)

Rural Geography Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Plaza Court 3)

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

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Colorado)

Sexuality and Space Specialty Group Business Meeting

Friday, April 8, 7:30 p.m. - 8:30 p.m. (Plaza Court 1)

Socialist and Critical Geography Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Plaza Court 2)

Society and Space Editorial Board Meeting

Wednesday, April 6, 5:00 p.m. - 6:00 p.m. (Director's Row J)

Spatial Analysis and Modeling Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Plaza Court 2)

The Stand Alone Geographers Organizational Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Plaza Court 7)

Tourism Geographies Editorial Board Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Denver)

Transportation Geography Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Gold)

Urban Geography Specialty Group Business Meeting

Wednesday, April 6, 7:00 p.m. - 8:00 p.m. (Plaza Court 2)

Water Resources Specialty Group Business Meeting

Wednesday, April 6, 8:00 p.m. - 9:00 p.m. (Governor's Square 9)

Wine Specialty Group Wine Dinner and Business Meeting

Friday, April 8, 7:30 p.m. (Director's Row E)

World Wide Web Specialty Group Business Meeting

Thursday, April 7, 11:50 a.m. - 12:50 p.m. (Governor's Square 9)

Thomson Brooks/Cole Geography presents you with the world

At Thomson Brooks/Cole, we value the opportunity to provide you with the very best in teaching and learning solutions by renowned researchers and nationally recognized leaders in geographic education. Drop by **booth #303** at the AAG to discuss your course needs and to explore these and other new titles—AVAILABLE NOW!



NEW!
*Essentials of
World Regional
Geography,
Fifth Edition*

by Joseph J. Hobbs
and
Christopher Salter
0-534-46600-1
© 2006



*Essentials of
Physical
Geography,
Seventh Edition*

by Robert E. Gabler,
James F. Petersen,
and
L. Michael Trapasso
0-03-033822-0
© 2004

Meet author Joe Hobbs at booth #303 during the Exhibit Hall Opening, April 5th!

STOP BY BOOTH #303 TODAY TO LEARN MORE!

We know that getting you the right text is just the beginning of our opportunity to provide you with the best possible customer service. Visit our booth to learn more about some of the latest offerings in our rich array of learning, teaching, and course management resources, such as:

- **NEW! World Regional GeographyNow™**—the first book-specific, assessment-centered student tutorial available for Geography
- **NEW! Living Lecture™ Tools**—sophisticated animations available on our Multimedia Manager, along with a host of other valuable multimedia instructor tools
- **NEW! Book-specific JoinIn™ on TurningPoint® content**—designed for quick and easy student assessment in the classroom, working seamlessly with Microsoft® PowerPoint® and the “clicker” hardware of your choice
- **GIS Investigations for the Earth Sciences**—a four-part, modular, groundbreaking series that lets even novice users “learn by doing” while utilizing the power of the ArcView® GIS application to explore, manipulate, and analyze large data sets.

THOMSON
★
BROOKS/COLE

6BCGE001

While you're at our booth, be sure to pick up a copy of our 2005 Earth Sciences catalog!
Or, visit www.newtexts.com (select Earth Science from Thomson Brooks/Cole's pull-down menu) to learn more about all of our recent titles, or go to <http://earthscience.brookscole.com/> for more details!

NEW FROM CHICAGO

geography



RHUMB LINES AND MAP WARS

A Social History of the
Mercator Projection
Mark Monmonier

52 HALFTONES, 26 LINE DRAWINGS
CLOTH \$25.00

THE COMMERCE OF CARTOGRAPHY

Making and Marketing Maps
in Eighteenth-Century France
and England

Mary Sponberg Pedley

THE KENNETH NEBEZAH, JR. LECTURES IN
THE HISTORY OF CARTOGRAPHY
8 COLOR PLATES, 41 HALFTONES
CLOTH \$40.00

FOUNDATIONS OF BIOGEOGRAPHY

Classic Papers with
Commentaries

Edited by **Mark V. Lomolino,**
Dov F. Sax, and **James H. Brown**
PAPER \$45.00

ISLE OF FIRE

The Political Ecology of Land-
scape Burning in Madagascar
Christian A. Kull

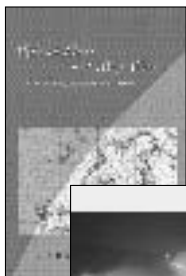
GEOGRAPHY RESEARCH PAPERS
17 HALFTONES, 11 LINE DRAWINGS,
19 TABLES
PAPER \$25.00

FROM DISSERTATION TO BOOK

William Germano
PAPER \$16.00

HOW TO WRITE A BA THESIS

A Practical Guide from Your First
Ideas to Your Finished Paper
Charles Lipson
PAPER \$17.00



Now in paperback

SPYING WITH MAPS

Surveillance Technologies
and the Future of Privacy
Mark Monmonier

7 HALFTONES, 58 LINE DRAWINGS
PAPER \$16.00

MAPS AND POLITICS

Jeremy Black
10 COLOR PLATES, 50 HALFTONES
PAPER \$20.00

HUMAN-BUILT WORLD

How to Think about Technology
and Culture

Thomas P. Hughes

SCIENCE · CULTURE
42 HALFTONES
PAPER \$13.00

DOWNTOWN AMERICA

A History of the Place and the
People Who Made It

Alison Isenberg

HISTORICAL STUDIES OF URBAN AMERICA
4 COLOR PLATES, 91 HALFTONES
PAPER \$20.00

Forthcoming in Fall 2005

GEOGRAPHY AND REVOLUTION

Edited by **David N. Livingstone**
and **Charles W. J. Withers**

TROPICAL VISIONS IN AN AGE OF EMPIRE

Edited by **Felix Driver**
and **Luciana Martins**

THE SOVEREIGN MAP

Theoretical Approaches in
Cartography through History
Christian Jacob

Translated by **Tom Conley**
Edited by **Edward H. Dahl**

STREET MAPPING

An A to Z of Urban Cartography
Nick Millea

DISTRIBUTED FOR THE BODLEIAN LIBRARY,
UNIVERSITY OF OXFORD
40 COLOR PLATES
PAPER \$30.00

THE IDEA OF NORTH

Peter Davidson

DISTRIBUTED FOR REAKTION BOOKS
15 HALFTONES
PAPER \$27.00

SOVEREIGN CITY

The City-State Ancient and
Modern

Geoffrey Parker

DISTRIBUTED FOR REAKTION BOOKS
20 HALFTONES
CLOTH \$39.00

ROUTE 66

Iconography of the American
Highway

Arthur Krim

Edited by **Denis Wood**

DISTRIBUTED FOR THE CENTER FOR
AMERICAN PLACES

85 HALFTONES
CLOTH \$35.00

VISIT OUR BOOTH FOR A 20% DISCOUNT
ON THESE AND RELATED TITLES.

WORKSHOPS

Workshops are not included in the conference registration fee. Registration will be available on-site if space permits. All workshops will be held in the Adam's Mark unless otherwise noted.

TUESDAY, APRIL 5

GIS for the Classroom: Teaching Geographic Concepts with ArcGIS

Tuesday, April 5: 8:30 a.m. - 11:30 p.m.

Organizers/Instructors: Angela Lee, ESRI
Ann Johnson, ESRI

Workshop Capacity: 15

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

Room: Biltmore

GIS can be used to teach geographic concepts such as population dynamics, plate tectonics, and human-environment interaction. This workshop provides an introduction to using ArcGIS in the context of introductory geography courses (e.g., World Geography or Physical Geography). Workshop participants will learn how to explore geographic data through maps and charts. The workshop also will introduce curricular resources available for using GIS in a variety of classroom settings. GIS for the Classroom assumes no previous knowledge of computer mapping or GIS technology. Some computer experience is recommended.

Spatial Analysis and 3-D Visualization with ArcGIS

Tuesday, April 5: 1:00 p.m. - 4:00 p.m.

Organizers/Instructors: Angela Lee, ESRI
Ann Johnson, ESRI

Workshop Capacity: 15

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

Room: Biltmore

GIS is a powerful tool for spatial analysis and 3-D visualization of spatial data covering a variety of topics from terrain to crime statistics to atmospheric data. This workshop introduces tools available inside ArcGIS for spatial analysis, including proximity analysis and buffering, map algebra, and surface analysis. In addition it covers tools for visualizing and analyzing 3-dimensional data, such as visibility analysis and volumetric analysis. Some previous knowledge of GIS concepts and spatial data types is recommended.

WORKSHOPS

WEDNESDAY, APRIL 6

Writing and Publishing for Early Career Faculty

Wednesday, April 6: 8:00 a.m. - 12:00 p.m.

Organizers/Instructors: Dydia DeLyser, Louisiana State University
Steve Herbert, University of Washington
Daniel Sui, Texas A & M University

Workshop Capacity: 24

Cost/person: \$20 (*includes refreshments and handouts*)

Room: Biltmore

Writing and publishing are critical for success in the academic world. This workshop – building on those offered at the popular Geography Faculty Development Workshops at the University of Colorado – will guide participants through writing and publishing processes. Participants will discuss and share techniques for writing more productively and will be offered “insiders” perspectives on publishing from experienced instructors and journal editors. This workshop is intended for early career faculty. ABD students are also welcome. This workshop is sponsored by the AAG Committee for College Geography and the Geography Faculty Development Alliance.

Writing Proposals for NSF Geography and Regional Science Research Grants

Wednesday, April 6: 10:00 a.m. - 11:45 a.m.

Organizers/Instructors: Gregory Chu, National Science Foundation
Thomas Baerwald, National Science Foundation

Workshop Capacity: 45

There is no fee to attend this workshop.

Room: Beverly

This is a workshop intended for faculty members and professional geographers (not graduate students) who engage in research in geography and regional science and wish to learn about how to prepare proposals for a regular research grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will discuss ways to improve the quality of a proposal and common fallacies to avoid in writing a competitive grant. Discussions will be followed by a question and answer opportunity.

TEMPLE

See our display in the Academia Book Exhibit booth



Beyond Segregation

Multiracial and Multiethnic Neighborhoods in the United States

MICHAEL T. MALBY

\$22.95



Crossing the Neoliberal Line

Pacific Rim Migration and the Metropolis

KATHARYNE MITCHELL

Place, Culture, and Politics Series, edited by Neil Smith

\$24.95



Manufacturing Suburbs

Building Work and Home on the Metropolitan Fringe

EDITED BY ROBERT LEWIS

\$24.95



Immigrants, Unions, and the New U.S. Labor Market

IMMANUEL NESS

\$19.95 JULY

Lucia

Testimonies of a Brazilian Drug Dealer's Woman

ROBERT GAY

Voices of Latin American Life Series, edited by Arthur Schmidt

\$19.95 JUNE

California and the Fictions of Capital

GEORGE L. HENDERSON

Place, Culture, and Politics Series, edited by Neil Smith

\$23.95

Hegemony

The New Shape of Global Power

JOHN AGNEW

\$21.95 MAY

Working Feminism

GERALDINE PRATT

\$21.95

Trading Down

Africa, Value Chains, and the Global Economy

PETER GIBBON AND STEFANO PONTE

\$22.95 JUNE

Orders:

800-621-2736

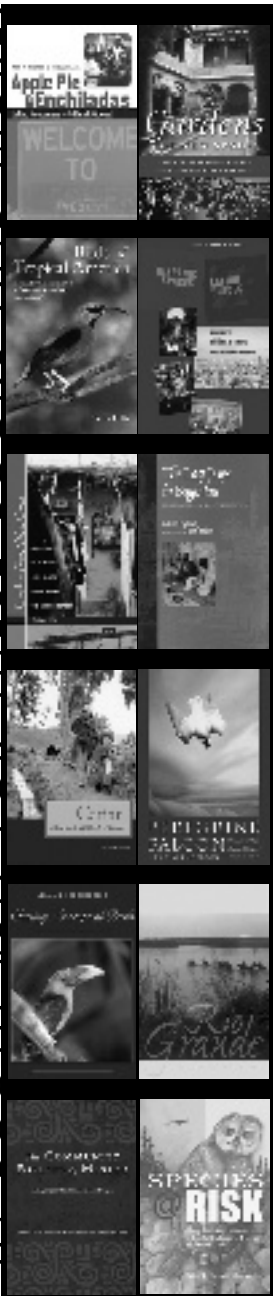
www.temple.edu/tempress



TEMPLE

UNIVERSITY PRESS

VISIT US IN BOOTH #319 FOR THESE BOOKS AND MORE!



APPLE PIE AND ENCHILADAS
LATINO NEWCOMERS IN THE RURAL MIDWEST
BY ANN V. MILLARD AND JORGE CHAPA, ET AL
\$19.95 paper, \$45.00 cloth

BIRDS OF TROPICAL AMERICA
A WATCHER'S INTRODUCTION TO BEHAVIOR, BREEDING, AND DIVERSITY
BY STEVEN HILTY
ILLUSTRATIONS BY MIMI HOPPE WOLF
*Mildred Wyatt-Wold Series in Ornithology, 11 b&w drawings
\$19.95 paper*

BORDER IDENTIFICATIONS
NARRATIVES ON RELIGION, GENDER, AND CLASS ON THE U.S.-MEXICO BORDER
BY PABLO VILA
*Inter-America Series; Duncan Earle, Howard Campbell, and John Peterson, editors
25 b&w photos
\$19.95 paper, \$50.00 cloth*

CAÑAR
A YEAR IN THE HIGHLANDS OF ECUADOR
BY JUDY BLANKENSHIP
*41 b&w photos
\$19.95 paper, \$50.00 cloth*

CHASING NEOTROPICAL BIRDS
BY VERA AND BOB THORNTON
*The Corrie Herring Hooks Series
116 color photos, \$34.95 cloth*

THE COMMUNITY FORESTS OF MEXICO
MANAGING FOR SUSTAINABLE LANDSCAPES
EDITED BY DAVID BARTON BRAY, LETICIA MERINO-PÉREZ, AND DEBORAH BARRY
\$40.00 cloth

GARDENS OF NEW SPAIN
HOW MEDITERRANEAN PLANTS AND FOODS CHANGED AMERICA
BY WILLIAM W. DUNMIRE
*85 b&w illus., 13 maps
\$24.95 paper, \$65.00 cloth*

HISPANIC SPACES, LATINO PLACES
COMMUNITY AND CULTURAL DIVERSITY IN CONTEMPORARY AMERICA
EDITED BY DANIEL D. ARREOLA
\$24.95 paper, \$60.00

THE LAST JEWS IN BAGHDAD
REMEMBERING A LOST HOMELAND
BY NISSIM REJWAN
FOREWORD BY JOEL BEININ
\$24.95 cloth

PEREGRINE FALCON
STORIES OF THE BLUE MEANIE
BY JIM ENDERSON
ORIGINAL ART BY ROBERT KATONA
*The Corrie Herring Hooks Series
18 b&w photos, 23 line drawings
\$22.95 paper, \$65.00 cloth*

RIO GRANDE
EDITED AND WITH A TEXT BY JAN REID
50 duotone photos, \$29.95 cloth

SPECIES AT RISK
USING ECONOMIC INCENTIVES TO SHELTER ENDANGERED SPECIES ON PRIVATE LANDS
EDITED BY JASON F. SHOGREN
\$21.95 paper, \$50.00 cloth

University of Texas Press



800-252-3206
www.utexaspress.com

WORKSHOPS

Effective Teaching for Early Career Faculty

Wednesday, April 6: 1:00 p.m. - 5:00 p.m.

Organizers/Instructors: Eric J. Fournier, Samford University
Mark Francek, Central Michigan University

Workshop Capacity: 24

Cost/person: \$20 (*includes refreshments and handouts*)

Room: Biltmore

Effective teaching forms the foundation for a successful professional career. This workshop – building on those offered at the popular Geography Faculty Development Workshops at the University of Colorado – will help participants be better teachers. Topics will include: preparing for a new class; developing a syllabus; alignment of course objectives, methods, and assessment; experimenting with active learning, and classroom management. This workshop is intended for early career faculty. ABD students are also welcome. This workshop is sponsored by the AAG Committee for College Geography and the Geography Faculty Development Alliance.

Grid-based Map Analysis and GIS Modeling

Wednesday, April 6: 1:00 p.m. - 5:00 p.m.

Organizer/Instructor: Joseph K. Berry, University of Denver

Workshop Capacity: 25

Cost/person: \$35 (*includes refreshments, workbook and CD*)

Room: Capitol

The workshop focuses on the fundamental concepts, considerations, and applications of grid-based analytical operations used in GIS modeling. These capabilities are common in most commercial software systems, yet a large portion of GIS users are minimally aware of their underlying theory, practical use, and broad array of potential applications. The half-day workshop uses lecture and numerous “real-time” demonstrations to clearly present the following topics: 1) Maps as Data (discrete map objects vs. continuous geographic space; points, lines, polygons, and surfaces; grid data types, structures and display); 2) Surface Modeling and Spatial Data Mining (point density analysis; spatial interpolation; map comparison; map similarity; clustering mapped data; map regression); 3) Spatial Analysis (fundamental analytical classes of reclassifying, overlaying, measuring distance, and characterizing neighborhoods; suitability mapping; measuring effective distance/connectivity; visual exposure analysis; analyzing

WORKSHOPS

landscape structure); 4) GIS Modeling (modeling structure; processing hierarchy and analysis levels; calibrating and weighting model criteria; simulating alternative scenarios and perspectives). If preferred, participants may bring a laptop computer to install course materials.

Looking for Data? ASTER and MODIS

Wednesday, April 6: 1:00 p.m. - 5:00 p.m.

Organizers/Instructors: Carolyn Gacke, LP DAAC
Bobbie Van Batavia, LP DAAC

Workshop Capacity: 45

Cost/person: \$10

Room: Beverly

NASA's Science Mission Directorate/Earth-Sun System/Data and Services/Land Processes Distributed Active Archive Center (LP DAAC) presents a workshop that describes the ASTER and MODIS instruments, which operate on the Earth Observing System's (EOS) Terra and Aqua satellites. Information on these instruments, along with the specific properties of the data will be discussed. Next, we will walk through the methods of locating these data on-line, review available data sets through quick look browse images, and will discuss methods to order these data to be delivered to your desktop. This is an introductory level workshop, so no ASTER or MODIS experience is required.

THURSDAY, APRIL 7

Writing Proposals for NSF Geography and Regional Science Dissertation Grants

Thursday, April 7: 8:00 a.m. – 9:45 am

Organizers/Instructors: Gregory Chu, National Science Foundation
Thomas Baerwald, National Science Foundation

Workshop Capacity: 40

There is no fee to attend this workshop.

Room: Director's Row I

This is a workshop intended for doctoral students in Geography and Regional Science who wish to learn about how to prepare proposals for a Doctoral Dissertation Research Improvement Grant (DDRI). DDRI grants may be requested up to \$12,000 to help doctoral candidates with their research needs. Program officers from the Geography and Regional Science Program at the

WORKSHOPS

National Science Foundation will discuss the ‘dos’ and ‘don’ts’ of writing a competitive grant followed by a question and answer opportunity.

Educational Resources for Spatial Thinking: AAG Initiatives

Thursday, April 7: 10:00 a.m. - 12:00 p.m.

Organizers/Instructors: Phil Gersmehl, NY Center for Geographic Learning
Michael Solem, AAG

Workshop Capacity: 40

Cost/person: \$5 (*includes handouts and software CD*)

Room: Director’s Row I

Recent brain-scanning research seems to suggest that some kinds of spatial thinking involve neural structures and networks that are different from those used for verbal, mathematical, or historical reasoning. This implies that different modes of pedagogy might be appropriate for teaching some geographic concepts and skills. The first part of this session will describe a taxonomy of spatial thinking skills, which forms one basis for a FIPSE-funded AAG project to design materials for teaching analytical geography. The second part will review some early drafts of materials that the project is creating and testing to help students develop spatial-thinking skills. Review copies of some of the draft multimedia units will be available on CDs in the event that some participants wish to bring their own laptop computers (be sure the laptop battery is fully charged, as there are a limited number of outlets in the room). The CD units are designed to be used in one-computer classrooms as well as computer labs and at home.

The French-American Hybrids: Wines from the Plains and Beyond

Thursday, April 7: 3:00 p.m. - 5:00 p.m.

Organizer/Instructor: George F. McCleary, Jr., University of Kansas

Workshop Capacity: 30

Cost/person: \$30 (*includes wines that will be sampled*)

Room: Capitol

Outside of California, little wine is produced in the United States ... but this production is unique, expanding, and exciting. Much of this expansion is based on wine made using French-American hybrid grapes. Scattered across the country, small wineries produce excellent and outstanding wines using, for example, Seyval Blanc, Vidal Blanc, Chancellor, and Chambourcin, climate-hardy and pest-resistant varieties that are generally unknown ... and untasted. This workshop will provide

WORKSHOPS

an opportunity to learn about the spatial extent of these grape varieties and examine a selection of the wines. Individuals must be 21 years of age to attend this workshop.

Writing Proposals for NSF Geography and Regional Career Grants

Thursday, April 7: 3:00 p.m. - 4:45 p.m.

Organizers/Instructors: Gregory Chu, National Science Foundation
Thomas Baerwald, National Science Foundation

Workshop Capacity: 40

There is no fee to attend this workshop.

Room: Director's Row I

This is a workshop intended for Geography and Regional Science faculty members at the Assistant Professor Rank who are in tenure-track positions and wish to learn about how to prepare proposals for a CAREER Grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will discuss some of the rules associated with this particular grant, the 'dos' and 'don'ts' of writing a competitive grant, followed by a question and answer opportunity.

FRIDAY, APRIL 8

Writing Proposals for NSF Geography and Regional Science Research Grants

Friday, April 8: 8:00 a.m. - 9:45 a.m.

Organizers/Instructors: Gregory Chu, National Science Foundation
Thomas Baerwald, National Science Foundation

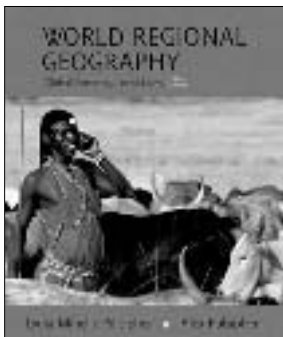
Workshop Capacity: 40

There is no fee to attend this workshop.

Room: Director's Row I

This is a workshop intended for faculty members and professional geographers (not graduate students) who engage in research in geography and regional science and wish to learn about how to prepare proposals for a regular research grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will discuss ways to improve the quality of a proposal and common fallacies to avoid in writing a competitive grant. Discussions will be followed by a question and answer opportunity.

FREEMAN GEOGRAPHY



WORLD REGIONAL GEOGRAPHY, Third Edition

With Subregions 0-7167-1904-5

Without Subregions 0-7167-6825-9

Lydia Mihelic Pulsipher

University of Tennessee at Knoxville

Alex Pulsipher

More than any other text for the course, Pulsipher's *World Regional Geography* offers a vivid and inclusive picture of people in a globalizing world—men, women, children, both mainstream and marginalized citizens—not as seen from a Western perspective, but as they see themselves. Updates include a more streamlined narrative form, stronger emphasis on map reading, new critical thinking questions, and current environmental information.

New to accompany Pulsipher...

VIDEO ANTHOLOGY to Accompany

WORLD REGIONAL GEOGRAPHY, Third Edition

(available in VHS or DVD Formats)

Drawn from the acclaimed PBS series *FRONTLINE/World*, these ten video segments, each between 10 and 20 minutes in length, are about the fascinating issues happening in today's world that involve the implications of geography, and make this book so relevant. Taken together, the book and the videos are an especially engaging educational resource.



THE HUMAN MOSAIC

A Thematic Introduction to Cultural Geography, Ninth Edition

0-7167-3906-2

Terry G. Jordan-Byckov

University of Texas-Austin

Mona Domosh

Dartmouth College

This authoritative text portrays the cultural geography of the world today. Organized according to a unique thematic framework, it encourages students to consider a wide range of topics and to view them from five different perspectives.

For more information, please stop by booth 422 to talk to a Freeman representative.

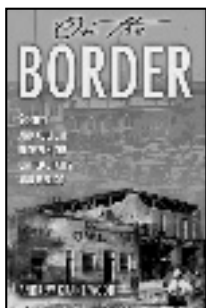
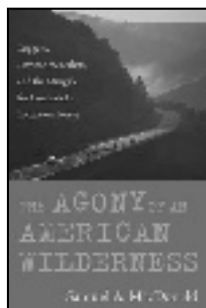
Or go to our Web site, www.whfreeman.com

You can also contact us at

W. H. Freeman and Company • 41 Madison Ave • New York NY, 10010 • 866-843-3715

Rowman & Littlefield Publishers

A Member of the Rowman & Littlefield Publishing Group



The Agony of an American Wilderness

Loggers, Environmentalists, and the Struggle for Control of a Forgotten Forest

By Samuel A. MacDonald

Borders and Border Politics in a Globalizing World

Edited by Paul Ganster and David E. Lorey

As Borders Bend

Transnational Spaces on the Pacific Rim

By Xiangming Chen

On the Border

Society and Culture between the United States and Mexico

Edited by Andrew Grant Wood

Iraq, Terror, and the Philippines' Will to War

By James A. Tyner

Nation, State, and Territory

Origins, Evolutions, and Relationships
VOLUME ONE

By George W. White

Global Environmental Challenges of the Twenty-First Century

Resources, Consumption, and Sustainable Solutions

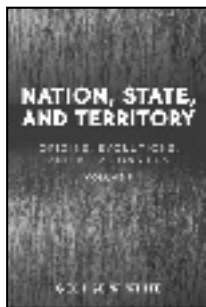
Edited by David E. Lorey

Mesolore

Exploring Mesoamerican Culture

By Liza Bakewell

and Byron Hamann



Please visit our booth and receive a 20% conference discount!

For orders and exam copies, please call 1-800-462-6420 or visit www.RowmanLittlefield.com — 15% online discount

WORKSHOPS

Internationalizing Geography Education

Friday, April 8: 10:00 a.m. - 12:00 p.m.

(meet at AAG registration desk at 9:30 a.m.)

Organizers/Instructors: Michael Solem, AAG

Waverly Ray, Texas State University

Workshop Capacity: 20

There is no fee to attend this workshop.

Room: Offsite location – see description below

The Online Center for Global Geography Education, a project based at the Association of American Geographers and funded by the National Science Foundation, currently offers three instructional modules: Population, Nationalism, and Global Economy. The modules were designed with the blackboard e-learning platform to link students in different countries for collaborative projects that promote understanding of geographic concepts, provide practice using geographic skills, and deepen awareness of international perspectives about contemporary global issues. This workshop is an excellent opportunity for geography faculty and graduate students to learn how they can use the modules to internationalize their courses and join a growing international community dedicated to collaborative teaching. This workshop will be held in a computer lab at the University of Colorado – Denver. Participants will meet at the AAG Registration Desk located on the Concourse Level of the Adam's Mark Hotel at 9:30 am on Friday, April 8 and travel together to the computer lab. If you prefer to meet the group at the lab, take the 16th Street Mall shuttle from the 16th and Court Place stop outside of the Adam's Mark, to the 16th and Lawrence Street stop. The lab is located two blocks down on 14th Street at 1250 14th Street, Suite 115.

Wine Tasting Geography – Wines of the Lodi California Appellation

Friday, April 8: 1:00 p.m. - 2:45 p.m.

Organizers/Instructors: Percy H. Dougherty, Kutztown University of Pennsylvania
Mark Chandler, Lodi-Woodbridge Winegrape Commission

Workshop Capacity: 40

Cost/person: \$30 *(includes wines that will be sampled)*

Room: Director's Row I

Taste the influence of geographic factors on wines produced from seven distinct subappellations of the Lodi American Viticultural Area, an up and coming California premium wine region. Recognition of the unique geographic and climatological conditions led to the establishment of Lodi American Viticultural Area (a.k.a.

WORKSHOPS

“appellation”) in 1986. Once thought of as one homogeneous valley floor environment, recent experience highlights a wide range of terroirs. Identify wine variations resulting from microclimates, the impact of Pacific breezes, and the influence of soils of varying ages developed on Sierra Nevada alluvial fans in the east to bay delta deposits in the west. Individuals must be 21 years of age to attend this workshop.

Wine Tasting Geography – Wines of Colorado

Friday, April 8: 3:00 p.m. - 4:45p.m.

Organizers/Instructors: Percy H. Dougherty, Kutztown University of Pennsylvania
Doug Casky, Colorado Wine Industry Board

Workshop Capacity: 40

Cost/person: \$30 (*includes wines that will be sampled*)

Room: Director’s Row I

Today, more than four dozen wineries are located throughout the State of Colorado, from the metropolitan areas of the Front Range to the resorts of the mountains. The federal government designates two regions in western Colorado as American Viticultural Areas. The first and larger is the Grand Valley, along the Colorado River, and the second is West Elks, surrounding Paonia and Hotchkiss on the banks of the North Fork of the Gunnison River. The majority of Colorado’s wines come from those two areas, as well as nearby vineyards in Delta and Montrose counties. Taste the terroir differences in this workshop. Individuals must be 21 years of age to attend.

WORKSHOPS

SATURDAY, APRIL 9

Intermediate Image Classification

Saturday, April 9: 9:00 a.m. - 4:00 p.m.

(meet at AAG registration desk at 8am)

Organizers/Instructors: James B. Campbell, Virginia Tech
Randolph Wynne, Virginia Tech

Workshop Capacity: 18

Cost/person: \$ 50 *(includes refreshments, handouts, and computer lab use)*

Room: Offsite location – see description below

This workshop is intended for those who are familiar with the basics of digital image classification, but require additional experience and perspectives on topics such as evaluation of training data, use of object-oriented classification, KNN (K-nearest neighbor) classification, and hybrid classifiers, such as Guided Clustering and Interactive Guided Spectral Class Rejection. The course will emphasize mastery of the critical steps required to select and evaluate training data for supervised classification, including new methods for evaluating how well training samples reflect the underlying multinomial distributions. Training data must be assessed with respect to separability, effective partition of spectral data space, and frequency distributions. Students will review these basic concepts through discussion-lectures, and then apply them to practical problems through guided tutorials and exercises. This workshop is intended for those who have a basic knowledge of supervised image classification using ERDAS Imagine, but require a more advanced level of experience in applications to natural resources data. Our material is presented at the intermediate level, as we expect students to have mastered basic principals of digital image classification, and to be prepared to apply ERDAS Imagine and eCognition in class exercises. This workshop will be held in a computer lab at the University of Denver. Participants will meet at the AAG Registration Desk located on the Concourse Level of the Adam's Mark Hotel at 8:00 a.m. on Saturday, April 9 and travel to the University of Denver together. Participants will be given time for lunch at nearby restaurants.

EXCURSIONS

Arapahoe Basin Ski Expedition

Monday, April 4: 7:00 a.m. - 6:00 p.m.

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

Take advantage of the opportunity to visit Arapahoe Basin and its impressive 13,050-foot summit elevation. Since 1946 the basin has been attracting skiers from Colorado and around the world. With over sixty-five trails and five chair lifts, A-Basin offers a variety of fantastic rides for skiers of all levels. With its high elevation and average snowfall over 350 inches, A-Basin boasts one of the longest ski seasons in North America – November to July! Your \$65 expedition package will include transportation to and from A-Basin and a lift ticket. The bus will leave the Adam's Mark at 7:00 a.m., lifts are open from 9:00 a.m. - 4:00 p.m., and the bus will leave A-Basin to return to the Adam's Mark at 4:30 p.m. For equipment rental information and additional information about A-Basin, please visit www.a-basin.net. Participants should meet at the Court Place entrance of the Tower Building (ground level) at 7:00 a.m. on Monday, April 4.

Winter Park Resort Ski Expedition

Tuesday, April 5: 7:00 a.m. - 4:00 p.m.

Cost/person: \$90 (*includes transportation and lift ticket*)

Don't miss your chance to ski the oldest continually operated ski resort in the Colorado Rockies! Winter Park Resort, celebrating its 65th year of operation, receives the most snow of all Colorado destination resorts. Winter Park is a haven for family skiing with its beautifully-groomed cruiser runs, terrain parks, halfpipe, and a host of popular learn-to-ski programs. With over 100 designated trails, something can be found for everyone! Your \$90 expedition package will include transportation to and from the resort and a lift ticket. The bus will leave the Adam's Mark at 7:00 a.m., lifts open at 9:00 a.m., and the bus will leave Winter Park for the Adam's Mark at 2:30 p.m. to return in time for the opening session. For equipment rental information and additional information about the resort, please visit www.winterparkresort.com. Participants should meet at the Court Place entrance of the Tower Building (ground level) at 7:00 a.m. on Tuesday, April 5.

Colorado Rockies at Coors Field

Wednesday, April 6: 4:30 p.m. tour/6:35 p.m. game time

Cost/person: \$10 (*includes admission ticket*)

One, two, three strikes your out! Don't miss the opportunity to join AAG attendees for a baseball game at Coors Field. Game time is 6:35 p.m. for the Colorado Rockies vs. the San Diego Padres. Space is limited so sign-up today. You can pick-up your ticket at the AAG Registration Desk located on the Concourse Level of the Adam's Mark on Wednesday, April 6th between 7:00 a.m. and 7:00 p.m. Participants interested in a guided tour of Denver on the way to the game should wear walking shoes and meet at 4:30 p.m. at the AAG Registration Desk located on the Concourse Level.

New Titles in Environment & Sustainability

Social Contours of Risk

Volumes I & II

PB, \$49.95

Author **ROGER KASPERSON** will be at the Earthscan booth to sign your copy at 3:00 pm on Wednesday, April 6.



Exploring Sustainable Development

Geographical Perspectives

PB, \$39.95



Balancing Water for Humans and Nature

The New Approach in Ecohydrology

PB, \$37.50



The Earthscan Reader in Environment, Development and Rural Development

PB, \$35.00



Indices and Indicators in Development

An Unhealthy Obsession with Numbers

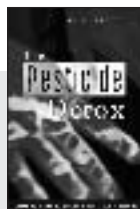
PB, \$32.50



Food Wars

The Global Battle for Mouths, Minds and Markets

PB, \$35.00



The Pesticide Detox

Towards a More Sustainable Agriculture

PB, \$39.95



Facing the Wild

Ecotourism, Conservation and Animal Encounters

PB, \$35.00



The Future of Large Dams

Dealing with Social, Environmental and Political Costs

CL, \$82.50



Assessing Impact

Handbook of EIA and SEA Follow-up

CL, \$74.95



State of the World's Cities

Globalization and Urban Culture

PB, \$35.00

EARTHSCAN

Visit Booth 316 to receive your 20% DISCOUNT!

Distributed by

Stylus
PUBLISHING, LLC.

To order or request our development catalog:

CALL: 1-800-232-0223

FAX: 703-661-1501

EMAIL: stylusmail@presswarehouse.com

VISIT US ON THE WEB: www.styluspub.com

FIELD TRIPS

NOTE: Field trips are not included in the registration fee. If you wish to participate in any of the following you must register for the meeting and pay the additional fee. Registration will be available on-site if space permits.

ALL FIELD TRIPS WILL BEGIN AND END AT THE COURT PLACE ENTRANCE ON THE TOWER SIDE OF THE HOTEL (GROUND LEVEL), UNLESS OTHERWISE NOTED IN DESCRIPTION.

MONDAY, APRIL 4

Urbanization of the Colorado Front Range – Past, Present, and Future

Monday, April 4: 8:00 a.m. - 4:00 p.m.

Organizers/Leaders: Beverly Friesen, US Geological Survey
Mark Feller, US Geological Survey

Trip Capacity: 20

Cost/person: \$80 (*includes transportation, admission fees and lunch*)

Key sites will be visited to illustrate the dramatic story of landscape change in the Colorado Front Range. The field trip will include a walking tour of colorful LoDo (Lower Downtown) in Denver and lunch at the spectacular Red Rocks amphitheater in Morrison. Water and air quality, geologic features, and urban redevelopment will be addressed by experts from the city, state, and U.S. Geological Survey. The tour will end at the Oxford Hotel, where participants can relax in the Cruise Room, a historic bar in the heart of old downtown Denver. Please note that this is a companion trip to the paper session with the same name.

Military Geography at the US Air Force Academy

Monday, April 4: 8:00 a.m. - 4:00 p.m.

Organizer/Leader: Rich Dixon, Texas State University

Trip Capacity: 40

Cost/person: \$60 (*includes transportation and lunch*)

Join the Military Geography Specialty Group for a trip to the Department of Economics and Geography at the US Air Force Academy in Colorado Springs. We will visit the Applied Geography Laboratory and be briefed on the unique

FIELD TRIPS

challenges and opportunities facing Air Force geographers. The trip will include the opportunity to view Pike's Peak and historic Colorado Springs. The trip is restricted to US Citizens. A government issued form of picture identification is required (drivers license, military ID, passport, etc.) for admittance.

TUESDAY, APRIL 5

Tour at ESRI Denver Regional Office and Geo Frisbee

Tuesday, April 5: 7:45 a.m. - 12:00 p.m.

Organizer/Leader: Esther Worker, ESRI - Denver

Trip Capacity: 20

Cost/person: \$30 (*includes transportation, no meals included*)

The ESRI Denver training staff, Trimble Navigation, and National Geographic Maps will host a Frisbee Golf Tournament at the ESRI Denver Regional Office. Tour attendees will have a quick tour of the Regional Office, and then go outside for a fun and easy field experience to become acquainted with ArcGIS, ArcPad, GPS, and field data collection. Learn the fundamentals of data check-in/check-out from a Geodatabase and data collection with ArcPad and Trimble GeoXT GPS unit while playing a round of frisbee golf. Participants will take the field data they've collected back to the ESRI Denver Training Center for a hands-on post processing experience using ArcGIS 9. Awards will be presented to the best (and worst) players! Dress appropriately for the weather, and be prepared for walking on rough terrain.

The Many Geographical Landscapes – Past and Present – of Summit County, Colorado

Tuesday, April 5: 7:30 a.m. - 4:30 p.m.

Organizer/Leader: Sandra F. Mather, West Chester University

Trip Capacity: 40

Cost/person: \$80 (*includes transportation, lunch, admission fees, and handouts*)

Gold was discovered in what would be Summit County in 1859. That discovery brought tremendous changes to the landscape. The day will begin with an introduction to the geologic base on which the mining landscape developed. A walking tour of Breckenridge, founded in 1860, will focus on the many functions of that mining town in the 1880s. The two narrow gauge railroads that served

FIELD TRIPS

the county beginning in 1882 and the problems presented by high altitude winters will be highlighted. In 1965, the Denver Water Board completed construction of Dillon dam and reservoir. The final stop of the day will focus on the building of the dam and the transformation of the town of Dillon from an agricultural supply town to a resort town dependent for its economic survival on the water of Lake Dillon. Please note that much of the day will be spent outdoors, possibly walking on snow-covered terrain. Participants should dress warmly and may want to carry water and snacks. Snow boots or waterproof hiking boots are also recommended.

A Landscape Transect in the Boulder Valley

Tuesday, April 5: 8:00 a.m. - 4:00 p.m.

Organizer/Leader: Paul W. Lander, City of Boulder/University of Colorado

Trip Capacity: 40

Cost/person: \$75 (*includes transportation, lunch and handouts*)

This trip will travel from east to west, to introduce participants to a few of the natural and cultural resources of the landscape of the central Boulder Valley. Stops include: 1) Boulder County Open Space Park; 2) County recycling facility – a ‘green building’; 3) the Pearl Street Mall (award-winning pedestrian mall); 4) Chautauqua Historical Park. The topics to be presented by the field trip organizer and local government staff include: nationally-recognized city and county open space programs; water resources and water quality; sustainability programs; planned growth and mixed-use development; cultural landscape preservation. Participants will be spending many hours outside and should dress appropriately.

CANCELED

WEDNESDAY, APRIL 6

Denver International Airport

Wednesday, April 6: 9:00 a.m. - 1:00 p.m.

Organizers/Leaders: Julie Cidell, California State University – Sacramento
Andy Goetz, University of Denver

Trip Capacity: 30

Cost/person: \$25 (*includes transportation, no meals included*)

This field trip will consist of a tour of Denver International Airport, led by airport staff, and a bus tour of the redevelopment of the former Stapleton Airport site (time permitting). As the only new major airport in the United States in the last

FIELD TRIPS

thirty years, DIA has had a major impact on land use in the city of Denver and surrounding communities. It is also an interesting facility in its own right due to its large size and scale of operations. This tour will enable participants to get a “behind the scenes” look at how it operates. A government issued form of picture identification is required (drivers license, passport, etc.) for admittance, and a copy of this identification must be provided to AAG two weeks prior to the field trip. **On-site registration is not available for this field trip.**

The Denver Metropolitan Region: including the Core, Edge City, “Exurbia” and Gambling in the Foothills

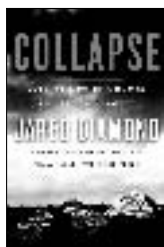
Wednesday, April 6: 9:00 a.m. - 4:00 p.m.

Organizers/Leaders: Keith A. Ratner, Salem State College
Paul Sutton, University of Denver

Trip Capacity: 40

Cost/person: \$60 (*includes transportation and lunch*)

According to the U.S. Census Bureau, the Denver MSA now stretches east into the plains, south towards Colorado Springs, north towards Fort Collins and west into the mountains. For this field trip, attendees will be shown the southern, southwestern, and western parts of this region. To the south is Denver’s newest Edge City, which is made up of the “Tech Center,” the Park Meadows Mall and the Highlands Ranch master-planned community. To the southwest, the large recreational areas of Chatfield Reservoir and the Red Rocks Natural Amphitheater are found interspersed among new commercial and residential development. Directly west and into the foothills is Denver’s “Exurbia.” This area, which includes many of Denver’s early “mountain” parks, also today includes high cost houses dotting the hillsides, small mountain towns bustling with activity, and an environment that is a constant concern. Even further west and into the mountains, the two early mining towns of Blackhawk and Central City have recently become more important to the overall Denver metropolitan region. This has occurred due to the legalization of limited stakes gambling in 1991 in these towns, and them being less than 50 miles from Denver. We will be traveling by bus to all of these areas, while eating a box lunch at O’Fallon Park along Bear Creek. Participants must wear good walking shoes and dress warmly for being in the mountains.



JARED DIAMOND
COLLAPSE
 How Societies Choose
 to Fail or Succeed
 Viking 0-670-03337-5



GERARD HELFERICH
HUMBOLDT'S COSMOS
 Alexander von Humboldt
 and the Latin American
 Journey That Changed
 the Way We See the World
 Gotham 1-592-40052-3



ROBERT M. POOLE
EXPLORERS HOUSE
 National Geographic
 and the World It Made
 The Penguin Press 1-59420-032-7



DIANA & MICHAEL PRESTON
**A PIRATE OF
 EXQUISITE MIND**
 Explorer, Naturalist, and Buccaneer:
 The Life of William Dampier
 Berkley 0-425-20037-X



**THE PENTAGON'S
 NEW MAP**
 War and Peace
 in the Twenty-First Century
 THOMAS P. M. BARNETT
 Putnam 0-399-15175-3

STEPHEN YAFIA
BIG COTTON
 The Biography of a
 Revolutionary Fiber
 Viking 0-670-03367-7

RICHARD BANGS
 & PASQUALE SCATURRO
MYSTERY OF THE NILE
 The Epic Story of the First Descent
 of the World's Deadliest River
 Putnam 0-399-15262-8

JEFFREY ROTHFEDER
EVERY DROP FOR SALE
 Our Desperate Battle Over Water
 in a World About to Run Out
New Preface by the Author
 Tarcher 1-58542-367-X

JOHN M. BARRY
THE GREAT INFLUENZA
 The Epic Story of the
 Deadliest Plague in History
 Penguin 0-14-303448-0

MARC REISNER
A DANGEROUS PLACE
 California's Unsettling Fate
 Penguin 0-14-200383-2

HÉCTOR TOBAR
TRANSLATION NATION
 Defining a New American
 Identity in the Spanish-
 Speaking United States
 Riverhead 1-57322-305-0

NATHANIEL PHILBRICK
SEA OF GLORY
 America's Voyage of Discovery
 The U.S. Exploring Expedition
 Penguin 0-14-200483-9

HERMANN KINDER &
 WERNER HILGEMANN
**THE PENGUIN ATLAS
 OF WORLD HISTORY**
 Volume 1: From Prehistory to
 the Eve of the French Revolution
 Penguin 0-14-101263-3

T. R. REID
**THE UNITED STATES
 OF EUROPE**
 The New Superpower and the
 End of American Supremacy
 The Penguin Press 1-59420-033-5

SAMUEL BAWLF
**THE SECRET VOYAGE
 OF SIR FRANCIS DRAKE**
 1577-1580
 Penguin 0-14-200459-6

Volume 2: From the French
 Revolution to the Present
 Penguin 0-14-101262-5

PATRICIA RAIN
VANILLA
 A Cultural History of the World's
 Favorite Flavor and Fragrance
 Tarcher 1-58542-363-7

DAVID L. ULIN
**THE MYTH
 OF SOLID GROUND**
 Earthquakes, Prediction,
 and the Fault Line Between
 Reason and Faith
 Viking 0-670-03323-5

IAN BURUMA &
 AVISHAI MARGALIT
OCCIDENTALISM
 The West in the Eyes of Its Enemies
 Penguin 0-14-303487-1

JEREMY RIFKIN
THE EUROPEAN DREAM
 How Europe's Vision of
 the Future is Quietly Eclipsing
 the American Dream
 Tarcher 1-58542-345-9

AUDREY N. CLARK
**PENGUIN DICTIONARY
 OF GEOGRAPHY**
Third Edition
 Penguin 0-14-051505-4

DOUGLAS WHYNOTT
FOLLOWING THE BLOOM
 Across America with
 the Migratory Beekeepers
 Tarcher 1-58542-280-0



FIELD TRIPS

At Lilac Evening: Jack Kerouac in Denver

Wednesday, April 6: 3:00 p.m. - 5:00 p.m.

Organizer/Leader: Audrey Sprenger, University of Denver

Trip Capacity: 20

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

“At lilac evening I walked with every muscle aching among the lights of 27th and Welton — in Denver — feeling that the best the white world had offered was not enough ecstasy, not enough life, joy, kicks, darkness, music, not enough night.” — Jack Kerouac in Denver. On this short field trip we will venture out into Denver’s Lower Downtown and Curtis Park neighborhoods to some of the place sites where Kerouac set, and in many instances, actually sketched out the notes for, several key passages of *On The Road*, as well as several of his other writings, most notably, *Visions of Cody*. Doing this will crack wide open the nearly fifty-year-old iconography surrounding this novel and, perhaps even more importantly, make it possible to lay bare it’s story, poetics, and rhetorical power. The field trip will start with a 30-minute live documentary to introduce, or in many cases, re-introduce *On The Road* and Jack Kerouac to field trip participants and to situate both the novel and the author in the city of Denver. This will include a discussion about some of the central characters in the book, as well as the lives and writings of the people who inspired them, namely Dean Moriarty (Neal Cassady), Camille (Carolyn Cassady), and Carol Marx (Allen Ginsberg). Attendees will be walking, so comfortable shoes are recommended. If possible, attendees should bring a portable CD player. **On-site registration is not available for this field trip.**

THURSDAY, APRIL 7

USGS National Water Quality Laboratory – Denver Federal Center

Thursday, April 7: 8:00 a.m. - 1:00 p.m.

Organizer/Leader: Gary Cottrell, US Geological Survey

Trip Capacity: 40

Cost/person: \$15 (*includes transportation, no meals included*)

The USGS National Water Quality Laboratory (NWQL) is a full-service laboratory that specializes in environmental analytical chemistry. The NWQL’s primary mission is to support national USGS programs requiring environmental analyses that provide consistent methodology for national assessment and trend analysis.

FIELD TRIPS

This mission directly supports the USGS, which, in part, is charged with providing the Nation with reliable, impartial earth-science information to help decisionmakers manage the Nation's water resources. The NWQL has a highly trained and talented work force, and a history of quality leadership in development of analytical methods for water, sediment, and tissue. The NWQL offers comprehensive services through a state-of-the-art facility designed for efficient and safe operation. The combination of high capacity, low detection levels, and strong quality assurance draws visitors from around the world to the benchmark laboratory processes at the NWQL. The Denver Federal Center requires participants to show a valid photo ID (drivers license, passport, military ID, etc.) for entry.

USGS Rocky Mountain Mapping Center, National Ice Core Lab, Rock Core Research Center – Denver Federal Center

Thursday, April 7: 8:00 a.m. - 1:00 p.m.

Organizer/Leader: Joseph Kerski, US Geological Survey

Trip Capacity: 50

Cost/person: \$15 (*includes transportation, no meals included*)

Do you love maps? Tour the world's largest map depository at the USGS Rocky Mountain Mapping Center. Over 50 million maps, books, and CDs are housed in a 17-acre facility. Your tour will also include the USGS Spatial Data Production Facility, where elevation, land use, and hydrologic data are created, the USGS Geographic Research Group, Biological Informatics, and the Central Region USGS Visitors Center. The tour will also include the National Ice Core Laboratory, where ice from Antarctica and Greenland are examined as part of global climate research studies. Lastly, you will see the nation's largest single rock core depository, where 1.5 million linear feet of granite, oil shale, and other rock core are scientifically analyzed for earth processes and energy research. The Denver Federal Center requires participants to show a valid photo ID (drivers license, passport, military ID, etc.) for entry.

FIELD TRIPS

Rail Transit and Transit-Oriented Development in Denver

Thursday, April 7: 9:00 a.m. - 1:00 p.m.

Organizers/Leaders: Andy Goetz, University of Denver

Keith Ratner, Salem State University

Trip Capacity: 40

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

This half-day field trip will feature the Denver Regional Transportation District's (RTD) current light rail system, several examples of transit-oriented development, and a preview of the future 155-mile rail transit system. Denver made national headlines in the November 2004 referendum by approving the FasTracks program, the largest transit expansion in the nation. FasTracks will add 119 miles of light and commuter rail in six additional corridors to be completed in 12 years. The field trip will start with a ride on the 16th Street Mall shuttle to RTD headquarters, where Mr. Cal Marsella, RTD General Manager and architect of the FasTracks program, will provide an overview of the current and future system. Then, we will visit Denver Union Station, which will be the intermodal hub of the system, and ride the current Southwest corridor light rail line to visit some examples of transit-oriented development, including the new Englewood City Center project.

The Urban Landscape: A Walking Tour of Downtown Denver and Platte Valley

(This tour also offered on Friday)

Thursday, April 7: 1:00 p.m. - 4:00 p.m.

Organizer/Leader: Samuel Thompson, Western Illinois University

Trip Capacity: 40

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

This is a walking tour of downtown Denver and adjoining Platte Valley. The tour will cover most of Lower Downtown as well as the redevelopment in the Central Platte Valley. The 16th Street Mall shuttle busses will transport the group from the Civic Center to Lower Downtown and the Commons Park area. The tour will focus on many aspects of urban redevelopment.

FIELD TRIPS

Rocky Mountain National Park

Thursday, April 7: 7:00 a.m. - 6:00 p.m.

Organizer/Instructor: William C. Rense

Workshop Capacity: 45

Cost/person: \$75 (*includes transportation, lunch, admission fees and handouts*)

This field trip will focus on the spectacular scenery and natural history of Rocky Mountain National Park. Participants will experience the fascinating geology, vertical zonation of environment, climate, wildlife and ambiance of the Colorado Front Range. We will pass through the resort community of Estes Park stopping at the Rocky Mountain National Park Visitors' Center, Bear Lake (elevation 9,500') and Moraine Park. Elk and Bighorn sheep may be observed. Other stops are planned time and weather permitting. Lunch (included) will be at an Estes Park microbrewery. Participants should dress for chilly weather and expect deep snow cover at Bear Lake. **On-site registration is not available for this field trip.**

FRIDAY, APRIL 8

Fire and Forest Management in the Colorado Front Range

Friday, April 8: 8:00 a.m. - 6:30 p.m.

Organizers/Leaders: Rosemary Sherriff, University of Colorado – Boulder
Thomas Veblen, University of Colorado – Boulder

Trip Capacity: 32

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

On this field trip you will travel to multiple sites to explore the natural variability of fire behavior within montane forests of the Colorado Front Range. Key questions addressed in this trip are: 1) has fire exclusion of surface fires resulted in unusually high tree densities and a shift in relative abundance from ponderosa pine towards more shade-tolerant species?; and 2) how different are modern fire regimes from historic fire regimes? These questions will be addressed in context of the spatial heterogeneity of the abiotic environment that influenced historic fire regimes and forest conditions. Presentations and discussion will follow the field exploration in Jamestown, Colorado.

BLACKWELL BOOKS



The Colonial Present

Afghanistan, Palestine, Iraq
DEREK GREGORY
JULY 2004 ~ 6 X 9 ~ 392 PAGES

Place

A Short Introduction
TIM CRESSWELL
MAY 2004 ~ 6 X 9 ~ 176 PAGES

Geopolitics and the Post-colonial

Rethinking North-South Relations
DAVID SLATER
OCTOBER 2004 ~ 6 X 9 ~ 296 PAGES

World Culture

Origins and Consequences
FRANK J. LECHNER and
JOHN BOLI
MAY 2005 ~ 6 X 9 ~ 280 PAGES

Territory

DAVID DELANEY
AUGUST 2005 ~ 6 X 9 ~ 192 PAGES

The Geography of the Internet Industry

Venture Capital, Dot-coms, and Local Knowledge
MATTHEW ZOOK
APRIL 2005 ~ 6 X 9 ~ 240 PAGES

Questioning Geography

*Edited by NOEL CASTREE,
ALISAIR ROGERS, and DOUGLAS
SHERMAN*
JUNE 2005 ~ 6 X 9 ~ 400 PAGES

GIS

A Short Introduction
NADINE SCHURMAN
APRIL 2004 ~ 6 X 9 ~ 184 PAGES

A Companion to Feminist Geography

*Edited by LISE NELSON and
JONI SEAGER*
DECEMBER 2004 ~ 6.75 X 9.75 ~ 640 PAGES

A Companion to Cultural Geography

*Edited by JAMES S. DUNCAN,
NUALA C. JOHNSON, and RICHARD
H. SCHEIN*
FEBRUARY 2004 ~ 6.75 X 9.75 ~ 544 PAGES

A Companion to Tourism

*Edited by ALAN A. LEW, C.
MICHAEL HALL, and
ALLAN M. WILLIAMS*
JUNE 2004 ~ 6.75 X 9.75 ~ 624 PAGES

Cities and Society

Edited by NANCY KLENIEWSKI
DECEMBER 2004 ~ 6.75 X 9.75 ~ 352 PAGES

Political Ecology

A Critical Introduction
PAUL ROBBINS
JULY 2004 ~ 6.75 X 9.75 ~ 264 PAGES

The Invention of the Park

JOHN WILLS and KAREN JONES
JUNE 2005 ~ 6 X 9 ~ 248 PAGES

Cities, War, and Terrorism

Edited by STEPHEN GRAHAM
NOVEMBER 2004 ~ 6 X 9 ~ 416 PAGES

Cities of Europe

*Changing Contexts, Local
Arrangements, and the Challenge to
Urban Cohesion*
Edited by YURI KAZEPOV

JANUARY 2005 ~ 6 X 9 ~ 368 PAGES

The Form of Cities

Political Economy and Urban Design
ALEXANDER CUTHBERT
OCTOBER 2005 ~ 6.75 X 9.75 ~ 352 PAGES

Overstretched

*European Families Up Against the
Demands of Work and Care*
*Edited by TEPPÖ KRÖGER and
JORMA SIPILÄ*
JULY 2005 ~ 6 X 9 ~ 180 PAGES

Life's Work

Geographies of Social Reproduction
*Edited by KATHARYNE MITCHELL,
SALLIE MARSTON, and
CINDI KATZ*
APRIL 2004 ~ 6 X 9 ~ 248 PAGES

The Anthropology of Development and Globalization

*From Classical Political Economy to
Contemporary Neoliberalism*
*Edited by MARC EDELMAN and
ANGELIQUE HAUGERUD*
DECEMBER 2004 ~ 6.75 X 9.75 ~ 416 PAGES

The Cultural Politics of Food and Eating

A Reader
*Edited by JAMES L. WATSON and
MELISSA L. CALDWELL*
DECEMBER 2004 ~ 6.75 X 9.75 ~ 336 PAGES

Desert Peoples

Archaeological Perspectives
*Edited by PETER VETH,
MIKE SMITH, and PETER HISCOCK*
DECEMBER 2004 ~ 6.75 X 9.75 ~ 320 PAGES

Biogeography

SEVENTH EDITION
BARRY COX and PETER MOORE
FEBRUARY 2005 ~ 7.5 X 9.75 ~ 440 PAGES

Tropical Rain Forests

*An Ecological and
Biogeographical Comparison*
RICHARD PRIMACK and
RICHARD CORLETT
JANUARY 2005 ~ 6.75 X 9.75 ~ 336 PAGES

Vegetation Ecology

Edited by EDDY VAN DER MAAREL
DECEMBER 2004 ~ 6.75 X 9.75 ~ 408 PAGES

Geomorphology and River Management

*Applications of the River
Styles Framework*
GARY BRIERLEY and
KIRSTIE FRYIRS
JANUARY 2005 ~ 7.5 X 9.75 ~ 416 PAGES

The Renaissance and the Celtic Countries

*Edited by CERI DAVIES and
JOHN E. LAW*
DECEMBER 2004 ~ 6 X 9 ~ 128 PAGES



**Blackwell
Publishing**

For more information on our full list of Geography books and journals visit www.blackwellpublishing.com, or visit our booth at AAG and pick up a free catalog of publications.

BOOKS: 1-800-216-2522, Fax: 802-864-7626 • JOURNALS: 1-800-835-6770, Fax: 781-388-8232

LEADING BLACKWELL JOURNALS

Journals of the Association of American Geographers

Annals of the Association of American Geographers

Editors: BASIL GOMEZ, MICHAEL GOODCHILD, AUDREY KOBAYASHI, AND KARL ZIMMERER

As the flagship journal of the *Association of American Geographers*, *Annals of the AAG* publishes original, timely, and innovative peer-reviewed articles that advance knowledge in all facets of the discipline. These articles address significant research problems and issues, and are attuned to the sensibilities of a diverse scholarly audience. In addition to articles in four major areas—Environmental Sciences; Methods, Models, and Geographic Information Sciences; Nature and Society; and People, Place, and Region—the *Annals* publishes integrative and cross-cutting papers, commentaries, review articles, forums, book reviews, and occasional map supplements.

www.blackwellpublishing.com/anna



The Professional Geographer

Forum and Journal of the Association of American Geographers

Editor: SHARMISTHA BAGCHI-SEN

Addressing questions and problems of interest to a wide group of geographers, *The Professional Geographer* provides a forum for new ideas and alternative viewpoints in academic and applied geography. The journal publishes concise research articles ranging in content and approach from the rigorously analytic to the broadly philosophical. It also includes brief reviews of important new publications, as well as occasional focus sections and discussions of topics of particular interest.

www.blackwellpublishing.com/pg



New to Blackwell in 2005!

Geographical Analysis

An International Journal of

Theoretical Geography

Published on behalf of the Department of Geography at the Ohio State University

Editor: ALAN T. MURRAY

First in its specialty area and one of the most frequently cited journals in geography, *Geographical Analysis* has, since 1969, published significant advances in geographical theory, model building, and quantitative methods to geographers and scholars in a wide spectrum of related fields.

www.blackwellpublishing.com/gean

New to Blackwell in 2005!

Papers in Regional Science

Published on behalf of the Regional Science Association International

Editor: RAYMOND J. FLORAX

Papers in Regional Science encourages high quality scholarship on a broad range of topics in the field of regional science. The journal publishes papers that make a new contribution to the theory, methods and models related to urban and regional (or spatial) matters.

www.blackwellpublishing.com/pirs

New to Blackwell in 2005!

New Zealand Geographer

The Official Journal of the New Zealand Geographical Society

Editor In Chief:

PROFESSOR ERIC PAWSON

For 50 years the *New Zealand Geographer* has been the internationally refereed journal of the *New Zealand Geographical Society*. The Society represents professional geographers in academic, school, business, government, community and other spheres in New Zealand and the South Pacific

www.blackwellpublishing.com/nzg

Geographical Research

formerly *Australian*

Geographical Studies

Published on behalf of the Institute of

Australian Geographers Inc.

Edited by: ARTHUR CONACHER, GEORGE CURRY AND ROY JONES

Published four times a year, *Geographical Research*, formerly *Australian Geographical Studies* is Australia's flagship journal of professional geography. Contributions to the journal are particularly invited on the geography of Australia and its Pacific, Asian and Antarctic neighborhoods and on the

nature, methods and study of geography, interpreted in its widest sense. As well as major research articles, the journal also publishes shorter contributions. These include Commentaries, Research Notes and Teaching Notes.

www.blackwellpublishing.com/ages

Antipode

A Radical Journal of Geography

Editors: NOEL CASTREE AND MELISSA WRIGHT

All welcome to the 2005 Antipode Lecture!

Geraldine Pratt will speak on 'Spaces of Exception in a Liberal City'.

Thursday April 7th, 5pm,
Governors Square 15. The lecture will be followed by a drinks reception.

For more than 30 years *Antipode* has been the place to publish radical scholarship in geography. The journal attracts the best and most provocative of radical geographical theory and research, particularly that which contributes to politics and practice. *Antipode* has an ecumenical approach to radical geography. It aims to challenge dominant and orthodox views of the world through debate, scholarship and politically committed research, creating new spaces and envisioning new futures.

www.blackwellpublishing.com/journals/anti



Blackwell
Publishing

For more information on our full list of Geography books and journals visit www.blackwellpublishing.com, or visit our booth at AAG and pick up a free catalog of publications.

BOOKS: 1-800-216-2522, Fax: 802-864-7626 • JOURNALS: 1-800-835-6770, Fax: 781-388-8232

LEADING BLACKWELL JOURNALS



Asia Pacific Viewpoint

Editor: WARWICK E. MURRAY

Asia Pacific Viewpoint publishes academic research in geography and allied disciplines on the economic and social development of the Asia Pacific.

www.blackwellpublishing.com/apv

Canadian Geographer / Le Géographe canadien

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

Editor: LAWRENCE D. BERG

The Canadian Geographer / Le Géographe canadien publishes original writing of high scholarly quality on topics of interest to geographers and scholars in related fields worldwide.

www.blackwellpublishing.com/cg

Geografiska Annaler Series A: Physical Geography

Published on behalf of the Swedish Society for Anthropology and Geography

Editor: PROFESSOR WIBJÖRN KARLÉN

This is a prestigious journal, presenting new scientific results in the field of physical geography, glaciology and related subjects, with some emphasis on polar areas.

www.blackwellpublishing.com/geoa

Geografiska Annaler Series B: Human Geography

Published on behalf of the Swedish Society for Anthropology and Geography

Editor: ERIC CLARK

An international journal publishing articles covering all theoretical and empirical aspects of human and economic geography.

www.blackwellpublishing.com/geoeb

Now accepted by the ISI Social Science Citation Index!

Global Networks

A Journal of Transnational Affairs

Editors: ALISDAIR ROGERS, STEVE VERTOVEC AND ROBIN COHEN

Global Networks is a path-breaking journal devoted to the social scientific understanding of globalization and transnationalism.

www.blackwellpublishing.com/glob

New Editorial Team in 2005!

International Journal of Urban and Regional Research

Editors: ALAN HARDING, ROGER KEIL AND JEREMY SEEKINGS

IJURR is the leading international journal for urban studies, encompassing key material from an unparalleled range of critical, comparative and geographic perspectives.

www.blackwellpublishing.com/ijurr

Journal of Regional Science

Editors: MARLON G. BOARNET AND ANDREW F. HAUGHWOUT

This prestigious journal publishes original articles at the cutting edge of regional science.

www.blackwellpublishing.com/jors

The Photogrammetric Record

An International Journal of Photogrammetry

Published on behalf of the Remote Sensing and Photogrammetry Society

Editor: PAUL NEWBY

The Photogrammetric Record contains original, independently and rapidly refereed articles which reflect current photogrammetric practice and research throughout the world.

www.blackwellpublishing.com/photrec

Singapore Journal of Tropical Geography

Editor: JAMES D. SIDAWAY AND PEGGY TEO

An inter-disciplinary forum for the discussion of problems and issues relating to physical and human environments and developmental concerns in the tropical world.

www.blackwellpublishing.com/sjtg

Tijdschrift voor economische en sociale geografie

(Journal of Economic and Social Geography)

Published on behalf of The Royal Dutch Geographical Society (KNAG)

Editor: JAN VAN WEESSE

The *Tijdschrift voor Economische en Sociale Geografie* is a leading international journal on contemporary issues in human geography, committed to promoting rigorous academic work on the field.

www.blackwellpublishing.com/tesg

Now publishing an additional 32 pages per issue!

Transactions in GIS

Editors: JOHN P. WILSON, A. STEWART FOTHERINGHAM AND GARY HUNTER

Transactions in GIS is an international journal which provides a forum for high quality, original research articles, review articles, short notes and book reviews

www.blackwellpublishing.com/tgis

ALSO AVAILABLE FROM BLACKWELL:

- City & Community
- Growth and Change
- Journal of Urban Affairs
- Population and Development Review
- Real Estate Economics
- Review of Urban & Regional Development Studies



Blackwell Publishing

For more information on our full list of Geography books and journals visit www.blackwellpublishing.com, or visit our booth at AAG and pick up a free catalog of publications.

BOOKS: 1-800-216-2522, Fax: 802-864-7626 JOURNALS: 1-800-835-6770, Fax: 781-388-8232

LEADING BLACKWELL JOURNALS

Journals of the Royal Geographical Society with IBG



The Geographical Journal

Editor: JOHN BRIGGS

Publishing the very best of original scholarship in physical and human geography, with particular emphasis on all aspects of the environment and development that relate to geographical thought and investigation.

www.blackwellpublishing.com/geoj



Transactions of the Institute of British Geographers

Editor: ADAM TICKELL

One of the foremost international journals of geographical research, *Transactions* publishes 'landmark' articles that make a major contribution to the advancement of geography as an academic discipline.

www.blackwellpublishing.com/tran

Royal
Geographical
Society
with IBG

Offering the Area prize for new researchers!

Area

Editors: ALASTAIR BONNETT AND HEATHER VILES
(Co-EDITOR, PHYSICAL GEOGRAPHY)

Area publishes excellent geographical research at the cutting edge of the discipline. The primary outlet for new ideas from both established and new scholars worldwide, reading *Area* is essential to keep up with the latest thinking in geography.

www.blackwellpublishing.com/area

The RGS-IBG Book Series

NEW IN 2005

Domicile and Diaspora: Anglo-Indian Women and the Spatial Politics of Home

ALISON BLUNT (2005)

Putting Workfare in Place – Local Labour Markets and the New Deal

PETER SUNLEY, RON MARTIN AND CORINNE NATIVEL (2005)

After the Three Italies – Wealth, Inequality and Industrial Change

MICHAEL DUNFORD AND LIDIA GRECO (2005)

The Geomorphology of Upland Peat – Erosion, Form and Landscape

MARTIN EVANS AND JEFF WARBURTON (2005)

COMING IN 2006

Geochemical Sediments and Landscapes

Edited by: DAVID NASH AND SUE McLAREN (2006)

Publics and the City

KURT IVESON (2006)

Geographies and Moralities: International Perspectives on Development, Justice and Place

ROGER LEE AND DAVID SMITH (2004)

Military Geographies

RACHEL WOODWARD (2004)

Geographies of British Modernity

Edited by: DAVID GILBERT, DAVID MATLESS AND BRIAN SHORT (2003)

New Deal for Transport

IAIN DOCHERTY AND JON SHAW (2003)

Lost Geographies of Power

JOHN ALLEN (2003)

Geomorphological Processes and Landscape Change

Britain in the Last 1000 Years

Edited by: DAVID HIGGITT AND E. MARK LEE (2001)

Globalizing South China

CAROLYN CARTIER (2001)



For more information on our full list of Geography books and journals visit www.blackwellpublishing.com, or visit our booth at AAG and pick up a free catalog of publications.

BOOKS: 1-800-216-2522, Fax: 802-864-7626 • JOURNALS: 1-800-835-6770, Fax: 781-388-8232

FIELD TRIPS

Terrestrial Paleoenvironments of the Front Range Near Denver, Colorado

Friday, April 8: 9:00 a.m. - 5:00 p.m.

Organizer/Leader: Joanna Wright, University of Colorado – Denver

Trip Capacity: 40

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

We will visit several rock exposures along the Front Range near Denver, each of which shows a different terrestrial ancient environment. The localities will be visited in stratigraphic order and the emphasis will be on interpreting the environments from the rock types and fossils preserved. The localities reveal late Paleozoic to Mesozoic terrestrial paleoenvironments of the Front Range west of Denver. These sediments were deposited as a result of cycles of uplift of the ancestral Rocky Mountains and subsidence of the plains to the east. Participants will visit some classic fossil bone and footprint localities, including the site of the only known ceratopsian trackways.

National Center for Atmospheric Research in Boulder, Colorado

Friday, April 8: 9:00 a.m. - 3:00 p.m.

Organizer/Leader: Dennis Ward, UCAR/NCAR

Trip Capacity: 50

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

Come visit the National Center for Atmospheric Research (NCAR) in Boulder, Colorado! Built in the early 1960s, NCAR's Mesa Laboratory was designed by well-known architect I.M. Pei. Your visit will include a VIP tour of the lab, including the supercomputing facilities and 3D Visualization Lab. You will also have the opportunity to explore the Digital Library for Earth System Education (DLESE) and the GLOBE Program. Lunch in our cafeteria looking out at the Flatirons – red sandstone rock formations towering above the mesa to the west – is included in your tour. Participants should wear walking shoes because the tour will include an optional ½ mile weather trail.

FIELD TRIPS

The Urban Landscape: A Walking Tour of Downtown Denver and Platte Valley

(This tour also offered on Thursday)

Friday, April 8: 1:00 p.m. - 4:00 p.m.

Organizer/Leader: Samuel Thompson, Western Illinois University

Trip Capacity: 40

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

This is a walking tour of downtown Denver and adjoining Platte Valley. The tour will cover most of Lower Downtown as well as the redevelopment in the Central Platte Valley. The 16th Street Mall shuttle busses will transport the group from the Civic Center to Lower Downtown and the Commons Park area. The tour will focus on many aspects of urban redevelopment.

SATURDAY, APRIL 9

The Geology and Physical Geography of the Garden of the Gods – Colorado Springs

Saturday, April 9: 9:00 a.m. - 5:00 p.m.

Organizer/Leader: George Bolling, UCCS; Curt Holder, UCCS

Trip Capacity: 30

Cost/person: \$50 *(includes transportation and handouts, no meals included)*

There is a spectacular display of geologic structures and strata exposed near the mountain front in the Colorado Springs and Manitou Springs area. Our trip will include a drive south from Denver along the Front Range over Monument Hill into the Arkansas drainage basin and into the Pikes Peak area of southern Colorado. Colorado Springs lies over 6,000 feet above sea level at the base of 14,110-ft. Pikes Peak. Within a ten-mile radius, centered at the junction of north-south Interstate 25 and east-west Highway 24, nearly two billion years of geologic history are exposed. We will look specifically at formations from early Cenozoic to late Paleozoic in age in beautiful exposure in the Garden of the Gods and much older units in Manitou Springs to the west. This area attracts more than 1.5 million visitors a year and stimulates the interest of local residents and visitors alike.

FIELD TRIPS

MULTIPLE-DAY FIELD TRIPS

Exploring Colorado's Ute Legacy (*Sponsored by the Indigenous Peoples Specialty Group*)

Saturday, April 2: 8:00 a.m. - Tuesday, April 5: 4:00 p.m.

Organizer/Leader: Helen Ruth Aspaas, Virginia Commonwealth University

Cost/Person: \$470 shared hotel room or \$565 single hotel room (*includes transportation, admission fees, handout and lodging, meals are not included*)

This four-day (three night) tour that takes participants into the southwest corner of Colorado and high into the San Juan Mountains, will provide opportunities to understand the physical geography, history, culture, and current economic and social challenges faced by the Ute Indians. The tour will also help participants to understand the day-to-day interaction between the Ute people and their Anglo, Hispanic, and Navajo neighbors in the Four Corners area. Highlights include tours of the Ute Cultural Museums in Ignacio and Montrose, a visit to the research library and museum at the Center for Southwest Studies at Fort Lewis College, guest presentations by Ute women famous for their traditional crafts, visits to Ute operated casinos, a glimpse of Ute ethnobotany, and spectacular mountain scenery throughout the trip. Helen Ruth Aspaas, the tour leader, is a fourth generation descendant of the first white pioneers into the San Juan Basin of Southwest Colorado. The trip cost includes transportation, lodging, admission fees, and handouts and does not include any meals. Attendees should bring money to cover the cost of all meals. **On-site registration is not available for this field trip.**

Ranching Heritage and Ski Resort Development: Two Different Tales from the Colorado High Country

Saturday, April 9: 7:30 a.m. - Sunday, April 10: 5:00 p.m.

Organizers/Leaders: Rudi Hartmann, U of Colorado – Denver
Arianthe Stettner, Historic Routt County

Cost/Person: \$175 shared hotel room or \$210 single hotel room (*includes transportation, handouts, lodging Saturday, lunch Saturday, and breakfast Sunday, other meals are not included*)

This two-day (one night) trip will take participants to Vail Valley and Steamboat Springs. The trip will begin with a walking tour in core resort areas (Vail Village and Beaver Creek) and discussion of issues and problems of a sprawling 'down valley' in Eagle County. The group will stay overnight in downtown Steamboat

FIELD TRIPS

Springs, a mountain town with two distinct legacies: ranching community and 'Ski Town USA.' The trip will also include discussions about historic preservation/open space efforts and visits to several local ranches. The trip cost includes transportation, lodging, handouts, lunch Saturday, and breakfast Sunday. Attendees should bring money for dinner Saturday and lunch Sunday.

Grand Canyon Field Trip

Saturday, April 9: 3:00 p.m. - Sunday, April 10: 11:00 p.m. (*participants are responsible for their own travel and lodging after arriving at Denver Int'l Airport at 11pm*)

Cost/Person: \$745 shared hotel room or \$775 single hotel room (*includes transportation, round-trip airfare to Las Vegas, lodging Saturday, breakfast Sunday, lunch Sunday, and tour of canyon; other meals are not included*)

Don't miss the opportunity to see the Grand Canyon! Participants will travel together from the Adam's Mark Hotel Denver to the Denver International Airport on Saturday evening. From Denver, the group will fly via a commercial airline to Las Vegas for an overnight stay. On Sunday morning, participants will depart via a small jet to the Grand Canyon. Once at the Canyon, participants will board a helicopter for a 30-minute narrated air tour. After the helicopter tour, participants will take ground transportation to the Bright Angel Lodge for a box lunch at the rim of the Canyon. After lunch, two hours will be allowed for participants to explore independently. Participants will return to Las Vegas together via a small jet and then from Las Vegas to Denver via a commercial airline. Participants are responsible for their own travel and lodging after arriving at Denver International Airport at approximately 11:00 pm. Participants should meet in the Tower Building lobby (Ground Level) at the Court Place entrance at 3:00 p.m. **On-site registration is not available for this field trip.**

The William T. Pecora Memorial Symposium

PECORA 16

*"Global Priorities
in
Land Remote Sensing"*

Sponsored By

USGS, NASA

NOAA, NGA, DOE, USDA/FAS

COE, FGDC, USDA/USFS, EPA

Co-organizer

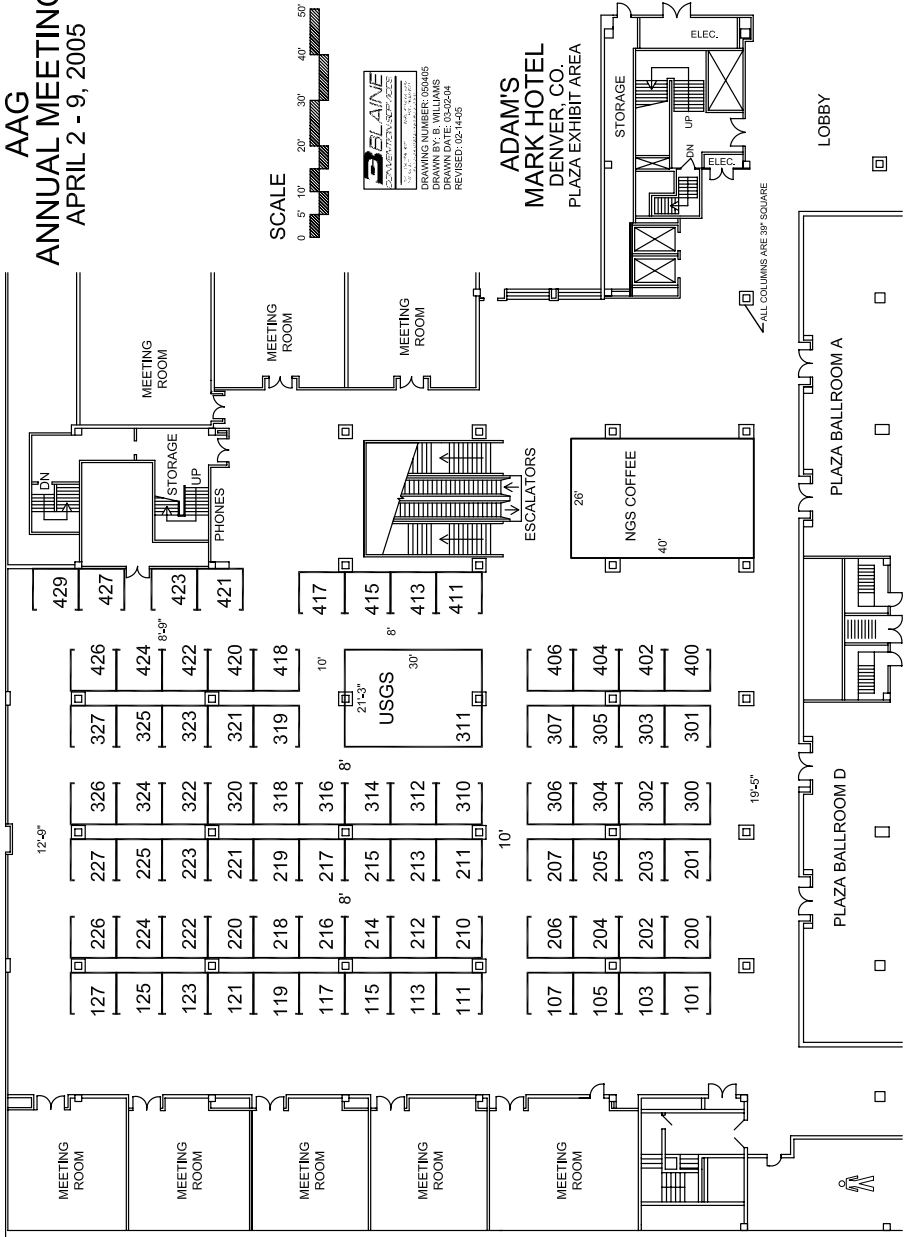
American Society for

Photogrammetry and Remote Sensing

October 23 - 27, 2005
Sioux Falls Convention Center
Sioux Falls, SD

EXHIBIT HALL FLOOR PLAN

AAG
ANNUAL MEETING
APRIL 2 - 9, 2005



EXHIBITORS

List is current as of February 25, 2005

<u>Company</u>	<u>Booth Number</u>
Academia Book Exhibits	203
American Geographical Society	207
American Meteorological Society	103
American Society for Photogrammetry and Remote	202
Applied Field Data	201
Ashgate Publishing	206
Blackwell Publishing	121, 123, 125
Brooks/Cole, Thomson Learning	303
Center for American Places	312
Clark Labs	215
Digital Data Services, Inc.	220
Elsevier	200
ESRI	424, 426
Gamma Theta Upsilon	204
Geological Society of America	227
GeoSpatial Experts	221
Geospatial Information & Technology Association	320
Geotechnologies, Inc.	225
Golden Software	300
Guilford Publications	324
Hammond World Atlas Corporation	210
Hodder Arnold	213
Intergraph	111
Island Press	321
John Wiley and Sons, Inc.	304, 306
Klett International	107
Leica Geosystems, GIS & Mapping, LLC	326
McGraw-Hill Higher Education	307
Minnesota Population Center	212
Mountain Press Publishing Co.	322
Mountain Studies Institute	421
NASA Earth-Sun System Division	411, 413

EXHIBITORS

<u>Company</u>	<u>Booth Number</u>
National Council for Geographic Education	119
National Geographic Maps	223
National Geospatial Intelligence Agency	301
National Snow and Ice Data Center	423
NOAA National Weather Service	205
Oxford University Press	211
Palgrave Macmillan	318
Pearson Prentice Hall	400, 402, 404
Penguin Putnam, Inc.	406
Pixoneer	310
Rand McNally	418, 420
Rockware, Inc.	113
Routledge	323, 325, 327
Rowman & Littlefield	305
Sage Publications	127
Springer	214, 216
Stylus Publishing	316
Syracuse University Press	217
TerraSeer	117
The College Board	101
The GIS Certification Institute	429
U.S. Geological Survey	311
United Nations Publications	224, 226
University of Chicago Press	302
University of Denver University College	218
University of Maryland	219
University of Minnesota Press	314
University of Redlands	105
University of South Florida	222
University of Texas Press	319
US Census Bureau	115
W.H. Freeman & Company	422

ADVERTISERS

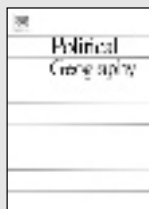
<u>Advertiser</u>	<u>Page Number</u>
Ashgate	11
ASPRS	76
Bellwether Publishing, Ltd.	83
Blackwell Publishing	68-71
Elsevier	81
ESRI	13
Guilford Publications	36-37
Imaging Notes Magazine	94
Intergraph	95
Island Press	Inside front cover
John Wiley & Sons	Inside back cover & 4
Oxford Academic	28-29
Oxford University Press - Higher Education	18-19
Palgrave Macmillan	31
Pearson Education	Back cover
Penguin Academic	63
Routledge	86-87
Rowman & Littlefield	53
Stylus Publishing	58
Syracuse University Press	27
Taylor & Francis	35
Temple University Press	46
Thomson Brooks/Cole	42
University of Chicago Press	43
University of Minnesota Press	12
University of Texas Press	47
WH Freeman	52



LEADING GEOGRAPHY RESOURCES FROM ELSEVIER

Visit Elsevier at AAG '05, Booth 200, for a FREE sample copy.

Over 2,000 institutes worldwide have access to these JOURNALS via ScienceDirect



Political Geography

o **2003 Impact Factor** 2.250

- Elsevier's leading journal in its field, 4th highest rating of all Geography journals
- Over 69,000 full text article downloads from ScienceDirect during 2004*
- Co-sponsored lecture at AAG 2005
- Online submission now available



Geoforum

o **2003 Impact Factor** 1.273

- An international, inter-disciplinary journal, integrative in approach.
- Over 63,000 full text article downloads from ScienceDirect 2004*



World Development

o **2003 Impact Factor** 1.100

- Over 290,000 full text article downloads from ScienceDirect during 2004*
- Online submission now available

** Articles downloaded during Jan-Nov 2004*

PLUS ...

- Applied Geography
- Cities
- Computers, Environment and Urban Systems
- Environmental Hazards
- Food Policy
- Global Environmental Change
- Habitat International
- Journal of Historical Geography
- Journal of Rural Studies
- Journal of Transport Geography
- Land Use Policy
- Marine Policy
- Progress in Planning
- Resources Policy

... complemented by a full range of over forty physical geography titles

o © Thomson ISI, Journal Citation Reports, 2003

To access full text online, complete instructions to authors and online submission visit:

www.elsevier.com/geography/journals

AUTHORS DID YOU KNOW?

SCIENCE @ DIRECT®

- Articles are published on ScienceDirect in an average of 8 weeks following acceptance!
- ScienceDirect contains the full-text of over fifty geography and related titles. These titles are also available online back to issue 1:1
- ScienceDirect has over 6 million full text articles from over 1,800 journals, all searchable
- Authors publishing in Elsevier journals therefore benefit from unparalleled readership and article dissemination

TRY IT TODAY – www.sciencedirect.com

NEW ! SCOPUS

Scopus - The world's largest abstracting and indexing database

Elsevier geography journals are included in Scopus, the world's largest single abstracting and indexing database developed by Elsevier together with information professionals and scientific researchers from around the globe. Scopus covers more than 14,000 scientific, technical and medical titles from over 4,000 international publishers and includes:

- Abstracts back to 1966
- Coverage of the highest quality scientific literature, including Open Access and electronic-only titles

Find all the scientific information you'll ever need:

www.scopus.com

2006 ANNUAL MEETING

102nd AAG Annual Meeting
March 7-11, 2006
Palmer House Hilton Hotel
Chicago, Illinois

Join AAG next year in Chicago, Illinois and experience a city of world-class status and unsurpassed beauty. Individuals travel from around the nation and the world each year to visit Chicago. Located on the shores of Lake Michigan in the heart of the American Midwest, Chicago is home to the blues, several sports teams, spectacular live theater, celebrated architecture, and thousands of restaurants, and shopping.

Chicago is world-renowned for its diverse collection of museums, which explore a variety of subjects including Chicago history, art, African-American culture, astronomy, natural history, and much more. In addition, Chicago's latest showcase - Millennium Park – opened in July, 2004. The 24.5-acre park has instantly become a world-class attraction and a Chicago landmark. Additional attractions include Chicago's Navy Pier, Millennium Park, Buckingham Fountain at Grant Park, the Hancock Observatory, the Sears Tower Skydeck, and much more!

Attendees can travel to Chicago with significant ease from all over the globe. Chicago's largest airport, O'Hare International, handles more passengers than any other airport in the world.

Don't miss the chance to visit one of America's most popular cities. We look forward to seeing you there!



Authoritative Geography & GIS Journals Available To AAG Members for 2005

Print subscriptions include access to online edition.

For a free preview of the online edition, please see the side bar.



Urban Geography

Semiquarterly (ISSN 0272-3638)

Truman A. Hartshorn, Executive Editor

AAG individual member introductory rate: \$45

Regular individual rate: \$78

Domestic institutional rate: \$498



Physical Geography

Bimonthly (ISSN 0272-3646)

Antony Orme, Editor-in-Chief

AAG individual member introductory rate: \$43

Regular individual rate: \$58

Domestic institutional rate: \$385



Eurasian Geography and Economics

Semiquarterly (ISSN 1538-7216)

Alexander B. Murphy, C. Cindy Fan, and
Michael J. Bradshaw, Co-Editors

AAG individual member introductory rate: \$60

Regular individual rate: \$80

Domestic institutional rate: \$499



Polar Geography

Quarterly (ISSN 1088-937X)

Kees van der Veen, Editor

AAG individual member introductory rate: \$45

Regular individual rate: \$60

Domestic institutional rate: \$275



GIScience & Remote Sensing

formerly

Mapping Sciences & Remote Sensing

Quarterly

John R. Jensen, Editor-in-Chief

AAG individual member introductory rate: \$68

Regular individual rate: \$92

Domestic institutional rate: \$489



Bellwether Publishing, Ltd.

8640 Guilford Road, Suite 200

Columbia, Maryland 21046

subs@bellpub.com

Tel: 410-290-3870

www.bellpub.com

Fax: 410-290-8726

Bellwether Publishing, Ltd.

For a free preview of all of our journals through July 31, 2005 please visit our website at www.bellpub.com, select a journal, select the online edition, use "aagoffer" as the username and "aag2005" as the password for access.

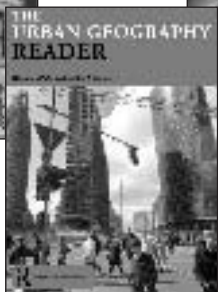
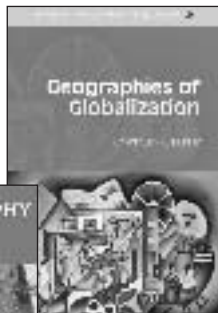
CONFERENCE AT A GLANCE

	Tuesday, April 5	Wednesday, April 6
7:00 am	7:00 a.m. - 12:00 p.m. Registration - Exhibitors Only	7:00 a.m. - 6:00 p.m. Registration
8:00 am		8:00 a.m. - 9:40 a.m. Sessions 21xx
10:00 am		9:30 a.m. - 5:30 p.m. Exhibit Hall Open 10:00 a.m. - 11:40 a.m. Sessions 22xx
11:40 am	12:00 p.m. - 7:30 p.m. Registration Open to All	11:50 a.m. - 12:50 p.m. Sessions 23xx
1:00 pm		1:00 p.m. - 2:40 p.m. Sessions 24xx
3:00 pm	2:00 p.m. - 3:40 p.m. Sessions 15xx	3:00 p.m. - 4:40 p.m. Sessions 25xx
5:00 pm	4:00 p.m. - 5:40 p.m. Sessions 16xx	5:00 p.m. - 6:30 p.m. Plenary: Geographies of Fear and Hope: Economies, Politics, Peace (Plaza Ballroom D/E)
7:00 pm	6:00 p.m. - 11:00 p.m. Opening Evening Events	7:00 p.m. - 8:00 p.m. Specialty Group Mtgs. (27xx) 7:30 pm - 10:30 pm World Geography Bowl
8:00 pm		8:00 p.m. - 9:00 p.m. Specialty Group Mtgs. (28xx)

CONFERENCE AT A GLANCE

Thursday, April 7	Friday, April 8	Saturday, April 9
7:00 a.m. - 7:00 p.m. Registration	7:00 a.m. - 6:30 p.m. Registration	7:00 a.m. - 12:00 p.m. Registration
8:00 a.m. - 9:40 a.m. Sessions 31xx	8:00 a.m. - 9:40 a.m. Sessions 41xx	8:00 a.m. - 9:40 a.m. Sessions 51xx
8:30 a.m. - 5:30 p.m. Exhibit Hall Open		
10:00 a.m. - 11:40 a.m. Sessions 32xx	9:30 a.m. - 3:30 p.m. Exhibit Hall Open 10:00 a.m. - 11:40 a.m. Sessions 42xx	10:00 a.m. - 11:40 a.m. Sessions 52xx
11:50 a.m. - 12:50 p.m. Specialty Group Mtgs. (33xx)	12:00 p.m. - 1:40 p.m. Sessions 43xx	11:40 a.m. - 2:00 p.m. AAG Awards Luncheon (Grand Ballroom I)
1:00 p.m. - 2:40 p.m. Sessions 34xx 1:00 p.m. - 2:40 p.m. New Technology Forum (Plaza Ballroom D)	2:00 p.m. - 3:40 p.m. Sessions 44xx	2:00 p.m. - 3:40 p.m. Sessions 54xx 2:00 p.m. - 3:00 p.m. AAG Business Meeting (Plaza Ballroom F)
3:00 p.m. - 4:40 p.m. Sessions 35xx	4:00 p.m. - 5:40 p.m. Sessions 45xx	4:00 p.m. - 5:40 p.m. Sessions 55xx
5:00 p.m. - 6:40 p.m. Sessions 36xx	6:00 p.m. - 7:30 p.m. Plenary: Geographies of Fear and Hope: Environments, Societies and Sustainability (Plaza Ballroom D/E)	
7:00 p.m. - 8:30 p.m. AAG Banquet (Grand Ball. I/II)	7:30 p.m. - 8:30 p.m. Specialty Group Mtgs. (47xx)	
8:30 p.m.- 10:00 p.m. Past Pres. Address (Grand Ballroom I/II)	8:30 p.m. - 12:30a.m. Western Film Series(Grand Ballroom I)	

ROUTLEDGE



Shadow Cities

A Billion Squatters, A New Urban World
ROBERT NEUWIRTH

Cities and the Creative Class

RICHARD FLORIDA

New York Underground

The Anatomy of a City
JULIA SOLIS

Mapping Women, Making Politics

*Feminist Perspectives
on Political Geography*
EDITED BY LYNN A. STAEHLI,
ELEONORE KOFMAN, AND LINDA J. PEAKE

Australia

Nation, Belonging and Globalization
ANTHONY MORAN

Urban Geography, Second Edition

A Global Perspective
Second Edition
MICHAEL PACCIONE

ROUTLEDGE URBAN READER SERIES

The Urban Geography Reader

EDITED BY NICK FYFE
AND JUDITH T. KENNY

The Urban Sociology Reader

EDITED BY JAN LIN
AND CHRISTOPHER MELE

The Sustainable Urban Development Reader

EDITED BY STEPHEN WHEELER

The Cybercities Reader

EDITED BY STEVE GRAHAM

Geographies of Globalization

WARWICK MURRAY

The Non-Western World

*Environment, Development
and Human Rights*
PRADYUMNA P. KARAN

Critical Globalization Studies

EDITED BY RICHARD P. APPELBAUM
AND WILLIAM I. ROBINSON

The Endgame of Globalization

NEIL SMITH

Cities and Natural Process

A Basis for Sustainability
SECOND EDITION
MICHAEL HOUGH

Spaces of Terror

EDITED BY DEREK GREGORY
AND ALLAN PRED

Chewing Gum

The Fortunes of Taste
MICHAEL REDCLIFT

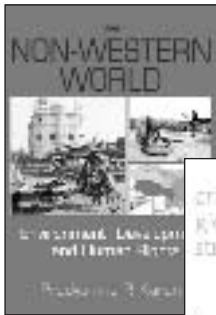
Knock on Wood

*Nature as Commodity
in Douglas-Fir Country*
W. SCOTT PRUDHAM

An Introduction to Political Geography

Space, Place and Politics
MARTIN JONES, RHYS JONES
AND MICHAEL WOODS

The Leader in Geography Education



Political Geography

MARK BLACKSELL

Fundamentals of Biogeography

SECOND EDITION

RICHARD J. HUGGETT

Nature

NOEL CASTREE

Rural-Urban Interaction in the Developing World

KENNETH LYNCH

Environmental Management and Development

CLIVE BARROW

Urban Theory and Urban Experience

Encountering the City

SIMON PARKER

Cities and Consumption

MARK JAYNE

Planning for Sustainability

Creating Livable, Equitable and Ecological Communities

STEPHEN M. WHEELER

How to do your Dissertation in Geography and Related Disciplines

SECOND EDITION

TONY PARSONS AND PETER G. KNIGHT

Behind the Gates

Life, Security, and the Pursuit of Happiness in Fortress America

SETHA LOW

De-Coca-Colonization

Making the Globe from the Inside Out

STEVEN FLUSTY

Barrio Urbanism

Chicanos, Planning and American Cities

DAVID R. DIAZ

Buyways

Billboards, Automobiles, and the American Landscape

CATHERINE GUIDS

City of Flows

Modernity, Nature, and the City

MARIA KAIKA

Paris, Capital of Modernity

DAVID HARVEY

Point of Purchase

How Shopping Changed American Culture

SHARON ZUKIN

Cultural Geography

SECOND EDITION

MIKE CRANG

Population Geography

DAVID GRAHAM

 **Routledge**
Taylor & Francis Group

WWW.ROUTLEDGE-NY.COM
1-800-634-7064

DAILY PLANNER

Tuesday, April 5

- 7:00 a.m. - 12:00 p.m. Registration Open - Exhibitors Only
- 12:00 p.m. - 7:30 p.m. Registration Open to All
- 2:00 p.m. - 3:40 p.m. Sessions 15xx
- 4:00 p.m. - 5:40 p.m. Sessions 16xx
- 6:00 p.m. - 11:00 p.m. Opening Evening Events
- 6:00 p.m. Opening Session Keynote Address by Barry Lopez
(Plaza Ballroom A/B)
- 7:00 p.m. International Reception in Exhibit Hall
- 7:30 p.m. Tribal Music Performance (Plaza Ballroom D/E/F)
- 8:00 p.m. Western Social Welcome (Plaza Ballroom D/E/F)

DAILY PLANNER

Wednesday, April 6

- 7:00 a.m. - 6:00 p.m. Registration Open
- 9:30 a.m. - 5:30 p.m. Exhibits Open
- 8:00 a.m. - 9:40 a.m. Sessions 21xx
- 10:00 a.m. - 11:40 a.m. Sessions 22xx
- 11:50 a.m. - 12:50 p.m. Sessions 23xx
- 1:00 p.m. - 2:40 p.m. Sessions 24xx
- 3:00 p.m. - 4:40 p.m. Sessions 25xx
- 5:00 p.m. - 6:30 p.m. Plenary: Geographies of Fear and Hope: Economies, Politics, and Peace (Plaza Ballroom D/E)
- 7:00 p.m. - 8:00 p.m. Specialty Group Business Meetings (Sessions 27xx)
- 7:30 p.m. - 10:30 p.m. World Geography Bowl
- 8:00 p.m. - 9:00 p.m. Specialty Group Business Meetings (Sessions 28xx)

DAILY PLANNER

Thursday, April 7

- 7:00 a.m. - 7:00 p.m. Registration Open
- 8:30 a.m. - 11:00 a.m. National Geographic Information Session
- 8:30 a.m. - 5:30 p.m. Exhibits Open
- 8:00 a.m. - 9:40 a.m. Sessions 31xx
- 10:00 a.m. - 11:40 a.m. Sessions 32xx
- 11:50 a.m. - 12:50 p.m. Specialty Group Business Meetings (Sessions 33xx)
- 1:00 p.m. - 2:40 p.m. Sessions 34xx
- 1:00 p.m. - 2:40 p.m. New Technology Forum (Plaza Ballroom D)
- 3:00 p.m. - 4:40 p.m. Sessions 35xx
- 5:00 p.m. - 6:40 p.m. Sessions 36xx
- 7:00 p.m. - 8:30 p.m. AAG Banquet (Grand Ballroom I/II)
- 8:30 p.m. - 10:00 p.m. Past President's Address (Grand Ballroom I/II)

DAILY PLANNER

Friday, April 8

- 7:00 a.m. - 6:30 p.m. Registration Open
9:30 a.m. - 3:30 p.m. Exhibits Open
- 8:00 a.m. - 9:40 a.m. Sessions 41xx
- 10:00 a.m. - 11:40 a.m. Sessions 42xx
- 12:00 p.m. - 1:40 p.m. Sessions 43xx
- 12:00 p.m. - 1:00 p.m. Keynote Address by the Honorable Timothy E. Wirth,
President, United Nations Foundation and Better
World Fund (Majestic Ballroom)
- 2:00 p.m. - 3:40 p.m. Sessions 44xx
Geography and the Congress (Governor's Square 17)
- 4:00 p.m. - 5:40 p.m. Sessions 45xx
Geography's Evolving Role in the National Mapping
Agencies in the US and UK (Governor's Square 14)
- 6:00 p.m. - 7:30 p.m. Plenary: Geographies of Fear and Hope:
Environments, Societies and Sustainability
(Plaza Ballroom D/E)
- 7:30 p.m. - 8:30 p.m. Specialty Group Business Meetings (Sessions 47xx)
- 8:30 p.m. - 12:30 a.m. Western Film Series (Grand Ballroom I)

DAILY PLANNER

Saturday, April 9

7:00 a.m. - 12:00 p.m. Registration Open

8:00 a.m. - 9:40 a.m. Sessions 51xx

10:00 a.m. - 11:40 a.m. Sessions 52xx

11:40 a.m. - 2:00 p.m. AAG Awards Luncheon (Grand Ballroom I)

2:00 p.m. - 3:40 p.m. Sessions 54xx

2:00 p.m. - 3:00 p.m. AAG Business Meeting (Plaza Ballroom F)

4:00 p.m. - 5:40 p.m. Sessions 55xx

INSTRUCTIONS TO SESSION CHAIRS

1. Adhere rigorously to the times printed in the program. Each session presentation is assigned a specific time. If you have a no-show, use his or her time for a discussion of the preceding paper(s) or for a recess. Do not shift later papers into such voids. That is unfair to participants who plan to hear a particular presentation.
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 to alert each speaker to the time remaining (10 minutes, 5 minutes, 2 minutes, and 1 minute). 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.
4. Note the location of the nearest house phone. Should a medical emergency or problem with room lighting, temperature, etc. arise, the house phone will connect you to the hotel and assistance will be provided. Secondly, should a problem arise with any audiovisual equipment, contact a Conference Assistant or AAG Staff member for assistance. A Conference Assistant will check on your session occasionally and may help you summon assistance, but you should be prepared to do so independently. Conference Assistants are not trained or authorized to operate or repair audiovisual equipment.

Imaging NOTES

Imaging Notes provides the **highest quality editorial product** for all users of imagery, including top-level decision-makers within commercial remote sensing. With each issue, the magazine brings experts, in-depth reporting, thought-provoking ideas, and stories you will not see anywhere else.

As a quarterly publication, *Imaging Notes* **reports in-depth** and leaves reporting the news to the dailies and weeklies. It also celebrates the beauty of the imagery by providing a sophisticated inviting design and environment throughout the publication.

If you haven't seen *Imaging Notes* recently, pick one up and **enjoy the view!**

The publication is now actively **seeking contributed articles** that would be of value to our readers. Please send a few paragraphs with the concept description to editor@publishingpartnerships.com. Articles will be published based solely on their merit and are not connected in any way to advertisers.



www.imagingnotes.com

See Intergraph
at booth
111



Geospatial Industry Leaders Use Intergraph

Industry leaders must have fast, easy access to spatial data in order to make informed decisions. Whether they use spatial data to create maps, address environmental issues, plan cities, or manage utility networks, Intergraph Mapping and Geospatial Solutions provides them with open, complete, and dependable solutions to capture, create, manage, and distribute data across the organization.

Geospatial industry leaders across disciplines and around the world have benefited from Intergraph's expertise for 35 years. With employees dedicated to

meeting customers' needs, we have helped increase operational efficiency, reduce costs, and maximize the value of investments.

Intergraph is an avid supporter of spatial data infrastructure initiatives and is a visible force in promoting industry standards and interoperability worldwide.

Visit www.useintergraph.com/gisdev to discover why geospatial industry leaders rely on Intergraph.



Intergraph and the Intergraph logo are registered trademarks of Intergraph Corporation.
Other brands and product names are trademarks of their respective owners.
© 2005 Intergraph Corporation, Huntsville, AL 35824



KEY TO SESSION NUMBERS

AAG's sessions are all numbered with a 4-digit code. The numbers represent the following information:

First digit = day

Second digit = time period

Last two digits = room code

Key to days (first digit) is as follows: Tuesday = 1; Wednesday = 2; Thursday = 3; Friday = 4; Saturday = 5.

Below are the keys to time slots:

Tuesday, April 5

<i>Session #</i>	<i>Time</i>
15xx	2:00 p.m. - 3:40 p.m.
16xx	4:00 p.m. - 5:40 p.m.
17xx	6:00 p.m. - 7:00 p.m. (Plenary)

Wednesday, April 6

<i>Session #</i>	<i>Time</i>
21xx	8:00 a.m. - 9:40 a.m.
22xx	10:00 a.m. - 11:40 a.m.
23xx	11:50 a.m. - 12:50 p.m.
24xx	1:00 p.m. - 2:40 p.m.
25xx	3:00 p.m. - 4:40 p.m.
26xx	5:00 p.m. - 6:30 p.m. (Plenary)
27xx	7:00 p.m. - 8:00 p.m.
28xx	8:00 p.m. - 9:00 p.m.

xx = Room code
(See pages 98-99 for list of
room code numbers)

KEY TO SESSION NUMBERS

Thursday, April 7

<i>Session #</i>	<i>Time</i>
31xx	8:00 a.m. - 9:40 a.m.
32xx	10:00 a.m. - 11:40 a.m.
33xx	11:50 a.m. - 12:50 p.m.
34xx	1:00 p.m. - 2:40 p.m.
35xx	3:00 p.m. - 4:40 p.m.
36xx	5:00 p.m. - 6:40 p.m.

Friday, April 8

<i>Session #</i>	<i>Time</i>
41xx	8:00 a.m. - 9:40 a.m.
42xx	10:00 a.m. - 11:40 a.m.
43xx	12:00 p.m. - 1:40 p.m.
44xx	2:00 p.m. - 3:40 p.m.
45xx	4:00 p.m. - 5:40 p.m.
46xx	6:00 p.m. - 7:30 p.m. (Plenary)
47xx	7:30 p.m. - 8:30 p.m.

Saturday, April 9

<i>Session #</i>	<i>Time</i>
51xx	8:00 a.m. - 9:40 a.m.
52xx	10:00 a.m. - 11:40 a.m.
53xx	11:40 a.m. - 2:00 p.m.
54xx	2:00 p.m. - 3:40 p.m.
55xx	4:00 p.m. - 5:40 p.m.

Therefore, session 4219 would be held on Friday (4219) from 10 am – 11:40 am (4219) in Plaza Ballroom B (4219).

KEY TO ROOMS

<u>Code</u>	<u>Room</u>	<u>Building</u>	<u>Level</u>
01	Plaza Court 1	Plaza	Concourse
02	Plaza Court 2	Plaza	Concourse
03	Plaza Court 3	Plaza	Concourse
04	Plaza Court 4	Plaza	Concourse
05	Plaza Court 5	Plaza	Concourse
06	Plaza Court 6	Plaza	Concourse
07	Plaza Court 7	Plaza	Concourse
08	Plaza Court 8	Plaza	Concourse
09	Governor's Square 9	Plaza	Concourse
10	Governor's Square 10	Plaza	Concourse
11	Governor's Square 11	Plaza	Concourse
12	Governor's Square 12	Plaza	Concourse
14	Governor's Square 14	Plaza	Concourse
15	Governor's Square 15	Plaza	Concourse
16	Governor's Square 16	Plaza	Concourse
17	Governor's Square 17	Plaza	Concourse
18	Plaza Ballroom A	Plaza	Concourse
19	Plaza Ballroom B	Plaza	Concourse
20	Plaza Ballroom C	Plaza	Concourse
21	Plaza Ballroom D	Plaza	Concourse
22	Plaza Ballroom E	Plaza	Concourse
23	Plaza Ballroom F	Plaza	Concourse
24	Director's Row E	Plaza	Ground
25	Director's Row F	Plaza	Ground
26	Director's Row G	Plaza	Ground
27	Director's Row H	Plaza	Ground
28	Director's Row I	Plaza	Ground
29	Director's Row J	Plaza	Ground

KEY TO ROOMS

<u>Code</u>	<u>Room</u>	<u>Building</u>	<u>Level</u>
30	Tower Court A	Tower	Second
31	Tower Court B	Tower	Second
32	Tower Court C	Tower	Second
33	Tower Court D	Tower	Second
34	Grand Ballroom I	Tower	Second
35	Grand Ballroom II	Tower	Second
36	Colorado	Tower	Mezzanine
37	Silver	Tower	Mezzanine
38	Gold	Tower	Mezzanine
39	Century	Tower	Mezzanine
40	Spruce	Tower	Mezzanine
41	Denver	Tower	Mezzanine
42	Aspen	Tower	Mezzanine
43	Beverly	Tower	Terrace
44	Biltmore	Tower	Terrace
45	Capitol	Tower	Terrace
46	Columbine	Tower	Terrace
47	Terrace	Tower	Terrace
48	Savoy	Tower	Majestic
49	Majestic Ballroom	Tower	Majestic
50	Vail	Tower	Majestic
51	Tower Exhibit	Tower	Ground

2:00 p.m. - 3:40 p.m.

- 1501. Visual Narratives in the Production of Geography 1 (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group, History of Geography Specialty Group)**
Room: *Plaza Court 1 (Paper Session)*
 ORGANIZER(S): K. Maria D. Lane, Dept. of Geography, UT-Austin
 CHAIR(S): Derek H. Alderman, East Carolina University
2:00 Prof. Daniel Reff, *Narratives of Otherness and the Jesuit-Orchestrated "Tour" of Europe by Japanese Samurai (1584-85)*
2:20 K. Maria D. Lane, Dept. of Geography, UT-Austin, *Areographical Narratives: Images and Imaginations of the Planet Mars, 1867-1916*
2:40 Carol Prorok, Slippery Rock University, *A Critical Reading of Early 20th Century Images Used in Geography Education*
3:00 Michael Inshan Mohammed, Rutgers University, *Mapping Neo-Colonial Cartographies*
 Discussant(s): Denis E. Cosgrove, University of California
- 1502. Theorising the Global Firm 1 (Sponsored by Economic Geography Specialty Group)**
Room: *Plaza Court 2 (Paper Session)*
 ORGANIZER(S): Andrew Jones, Birkbeck, University Of London; Mr. Christian Berndt, Universitaet Frankfurt
 CHAIR(S): Andrew Jones, Birkbeck, University Of London
2:00 Mr. Christian Berndt, Universitaet Frankfurt, *Transnational flows, territorial containment: Organizing the global corporation in a bordered world*
2:20 Yeong-Hyun Kim, Ohio University, *Globality and regionality of auto companies: production and marketing networks of global auto companies in India*
2:40 Henry WC Yeung, National University of Singapore, *Transnational Corporations and Network Effects of a Local Manufacturing Cluster in Mobile Telecommunications Equipment in China*
3:00 Phillip O'Neill, *The aggressive management of distributional flows by transnational mining companies*
3:20 Mr. Hans-Martin Zademach, LMU Munich, *The changing Economic Geography of Europe: Evidence from M&A activities, 1998-2003*
- 1503. Geospatial Tools for Watershed Management (Sponsored by Water Resources Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**
Room: *Plaza Court 3 (Paper Session)*
 ORGANIZER(S): Ms. Holly Neill, James River Basin Partnership; L. Monika Moskal, Southwest Missouri State University
 CHAIR(S): Ms. Holly Neill, James River Basin Partnership
2:00 Ms. Holly Neill, James River Basin Partnership, *Geovisualizations for Watershed Planning in the James River Basin*
2:20 Christopher Lant, Southern Illinois University, *Virtual Watershed: Agricultural Landscape Evolution in an Adaptive Management Framework*

2:40 Mr. Gust Annis, Missouri Resource Assessment Partnership - University of Missouri, *Using Aquatic GAP data to assist with the development of statewide Comprehensive Wildlife Conservation Strategies: An Example from Missouri*

3:00 Mary P. Lavine, University of Pittsburgh- Johnstown, *GIS as a Tool for Understanding Environmental History: The Case of Coal Mining in the Paint Creek Watershed*

3:20 Jessica Gordon, University of Texas - Austin, *Targeting Land-Management Practices that Promote Forested Habitat Connectivity along Riparian Corridors: A Case Study of the Upper Guayllabamba Watershed in Northwestern Ecuador*

1504. Location Analysis (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): David Wong, George Mason University

CHAIR(S): Alan T. Murray, Ohio State University

2:00 Hu Wei, *Solving the Continuous Space p -Center Problem: Planning Application Issues*

2:20 Alan T. Murray, Ohio State University, *Coverage Optimization to Support Security Monitoring*

2:40 Guoxiang Ding, The Ohio State University, *Choice-Based Estimation of Retailing Area Delimitation Using Alonso's Theory of Movement*

3:00 Bryan Chastain, Ohio State University, *Spatial Structure in Harvest Scheduling Optimization*

3:20 Michael Tiefelsdorf, Ohio State University, *Alternative Specifications of Spatial Link Matrices in the Behavioral Sciences*

1505. Urban Images

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Eliza Darling, City University of New York

2:00 Norman Carter, San Diego State University, *Higher Than the Matterhorn: The Struggle to Erect a High-rise Tower in Santa Ana, California*

2:20 Hounaida Abi Haidar, *The Public and the Private in Public Open Spaces: The Case of Beirut Central District*

2:40 Mr. Steve Kemble, California State University, Fullerton, *The Atlanta Olympics: Image building or missed opportunity?*

3:00 Renia Ehrenfeucht, University of California, Los Angeles, *Spatial negotiations and the municipal regulation of sidewalks in twentieth century Los Angeles*

3:20 Eliza Darling, City University of New York, *Nature and the Nickel Empire: The Urban Political Ecology of Coney Island*

1506. Development Issues in Northern Regions*Room: Plaza Court 6 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Robert Blain, Natural Resources Canada

2:00 Evgenia Prokhorova, University of Joensuu, *Human factor as a key element of local economic development in Russia.***2:20** Katri Suorsa, *Less-favoured regions as a challenge for innovation policy: case northern Norway, Sweden and Finland***2:40** Mr. Mattias Spies, University of Joensuu, *Employees' satisfaction with long-distance commuting and on-site accommodation in the Arctic Russian North-West***3:00** Vesa Rautio, *Former Soviet Enterprise Norilsk Nickel's Path from Domestic to Global Markets: an Examination of the Adaptation Process***3:20** Robert Blain, Natural Resources Canada, *The Socio-Economic Impacts of Canada's Sulphur in Gasoline Regulations: Myth or Reality?***1507. Creative Class, Innovations and Economic Development***Room: Plaza Court 7 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Elizabeth Currid

2:00 Mr. Chris Woodey, *How Important is University Research to Economic Development?***2:20** Hyejin Yoon, Ohio State University, *The Animation Industry: Technological Changes, Production Challenges, and Global Shifts***2:40** Tina Haisch, University of Basel, *Creative Capital in Switzerland***3:00** Derik Andreoli, University of Washington, *Fuzzy Concepts and Fuzzy Borders: Clusters, Clumps, and Opportunities***3:20** Elizabeth Currid, *The Geography of Creativity: Cultural and Artistic Production and Its Nodes of Creative Exchange***1508. Developing Vulnerability Assessments for Natural Hazards in the United States***Room: Plaza Court 8 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): James Kurt Lein, Ohio University

2:00 Jeff McClung, Salem State College, *Public Sector Cooperation for Implementing Emergency Management Systems: A case study-Salem MA.***2:20** James G. Dobson, Appalachian State University, *Data Acquisition Issues for Flood Modeling in Mountain Environments***2:40** Mathew Schmidlein, *The Spatial Distribution of Biophysical Vulnerability from Natural Hazards in the United States***3:00** Ms. Jennifer Hibbert, Georgia State University, *Developing A Vulnerability Assessment For The Port Of Savannah, Georgia: An Integrated Approach Using GIS***3:20** James Kurt Lein, Ohio University, *Applying Spectral Mixture Analysis to Wildland/Urban Interface Mapping in Ohio*

1509. Undergraduate Research in the Curriculum (Sponsored by Geography Education Specialty Group)

Room: *Governor's Square 9* (Panel Session)

ORGANIZER(S): Julio C. Rivera, Carthage College; Deanna Van Dijk, Calvin College
CHAIR(S): Julio C. Rivera, Carthage College

Panelists: Julio C. Rivera, Carthage College; Deanna Van Dijk, Calvin College;
Matthew Bampton, University Of Southern Maine; Jodi Vender,
Pennsylvania State Univ; Ron W Rinehart, Oregon State University;
Richard E. McCluskey, Aquinas College; Suresh Muthukrishnan, Earth and
Environmental Sciences, Furman University, Greenville, SC

1510. Field Methods

Room: *Governor's Square 10* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Peter H. Dana, University of Texas, Austin

2:00 Karsten A. Shein, Shippensburg University, *Spatio-temporal bias of MM5 wind fields over Michigan*

2:20 David Brockway, Oklahoma State University, *Using Light Aircraft in Conducting Fieldwork*

2:40 Mohamed Babiker Ibrahim, Hunter College - CUNY, *Studies in Cultural Climatology: The Traditional Methods of Soil Moisture Measurement By Agropastoralists of the Sudan.*

3:00 Peter H. Dana, University of Texas, Austin, *Estimating Early Greek Settlement Patterns in Southern Italy From Ceramic Evidence*

1511. From Where We Were to Where We Need to Be: History and Challenges of Geography Education in Society

Room: *Governor's Square 11* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Victoria Provenza

2:00 Sriram Khe, Western Oregon University, *Practice What You Teach: Ethical Issues in Teaching, and Talking About, Geography*

2:20 Judith A. Tyner, California State Univ, *Nineteenth Century Schoolgirl Cartography*

2:40 Janet Puhalla, Rollins College, *Hey, this really is cool stuff! The challenges of teaching physical geography*

3:00 Ms. Victoria Provenza, *The 21st Century Geography Department: Ambassador to Geospatial Technology*

1512. Geomorphic Depressions - Sloughs, Cypress Domes, and Karst

Room: *Governor's Square 12* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Brinkmann, University of South Florida

2:00 Jacqueline Gallagher, Florida Atlantic University, *Slough and cypress dome sedimentation patterns, Big Cypress Seminole Indian Reservation, Florida.*

2:20 Mr. Mark Bowen, *Short-Term Water Quality Variation in a Karst Spring, Southwest Missouri*

- 2:40 Lee Stocks, *A Spatio-Temporal Analysis of Land Use Change and Sinkhole Development in Opequon Creek Watershed, West Virginia: 1983-2003*
- 3:00 John All, Western Kentucky University, *High Accuracy Cartography of Caves for Environmental Planning: South Central Kentucky*
- 3:20 Robert Brinkmann, University of South Florida, *Regional Variations of Sinkhole Distribution in Florida*

1514. Thinking Critically About Geography Education Pedagogy, Inclusiveness, and Changes

Room: *Governor's Square 14* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mick Healey, University of Gloucestershire

2:00 Kenneth E. Foote, University of Colorado, *Mentoring and Its Role in Faculty Development in Geography*

2:10 Michael N. Solem, Association Of American Geographers, *Mentoring and Its Role in Faculty Development in Geography*

2:20 David Robertson, State University Of New York, Geneseo, *Resurrecting Geography 369: Practical Suggestions for Undergraduate Field Course Design and Implementation.*

2:40 Richard Alan Sambrook, Eastern Kentucky University, *Evolving Role of Distance Education in a Regional Geography Department*

3:00 Mick Healey, University of Gloucestershire, *Developing an Inclusive Geography Curriculum: Listening to the Experiences of Disabled Students*

1515. Insurgent Regionalism

Room: *Governor's Square 15* (Panel Session)

ORGANIZER(S): Martin R. Jones, University Of Wales, Aberystwyth

CHAIR(S): Martin R. Jones, University Of Wales, Aberystwyth

Introduction: Martin R. Jones, University Of Wales, Aberystwyth

Panelists: James Holston, University of California, San Diego; Anssi Paasi, University of Oulu; Kate Edwards, University of Wales, Aberystwyth; Martin R. Jones, University Of Wales, Aberystwyth

1516. Clusters

Room: *Governor's Square 16* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Tod D. Rutherford, Syracuse University

2:00 Mr. Bernhard Fuhrer, *Beyond the fuzzy cluster and its regional lopsidedness: A scale-proximity correlated cluster model based on qualitative empirical data from Europe and the U.S.*

2:20 Ke Chen, University of Cincinnati, *Biotechnology cluster analysis across major metropolitan areas in the U.S.*

2:40 Young-Sik Kim, *Exploring the institutional space of countries*

3:00 Geoffrey Jacquez, Biomedware, *Case-control clustering for residential histories*

3:20 Tod D. Rutherford, Syracuse University, *A Question of Governance? Cluster Restructuring in the Windsor and Kitchener, Ontario Automotive Components Industry*

1517. Examining Theories, Methods, and Funding in Innovative Geography Education

Room: *Governor's Square 17* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): R. Denise Blanchard-Boehm, Texas State University

2:00 Mr. Christopher Murr, *The Role of Labeling Theory: A Potential Barrier to the Transmission of Geographic Knowledge*

2:20 Kay Williams, Shippensburg University, *A Summer Science Academy for Girls: Why and How*

2:40 R. Denise Blanchard-Boehm, Texas State University, *What Motivates Teachers to Teach about the Environment? Factors that Explain the Likelihood of Inclusion in the Classroom.*

1521. Labor Issues

Room: *Plaza Ballroom D* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Antonia Casellas

2:00 Sally Weller, University of Melbourne, *Relationality and Spatiality of Labour Market Processes: The Destinations of Retrenched Ansett Airlines Employees*

2:20 Daniel Ligeralde Mabazza, University of the Philippines, *The Overseas Filipino Workers (OFWs) and Air Transport*

2:40 Aron Massey, Kent State University, *Employee-ownership and the construction of scale in Weirton, WV*

3:00 Mr. Joshua Kirshner, *A União Tem Força? A Comparative Study of Labor Union Outreach to Brazilian Immigrant Workers in Boston*

3:20 Antonia Casellas, *Urban Redevelopment and Job Opportunities: Employment and Labor Market Characteristics in the Hospitality Industry*

1522. Trends in Agriculture

Room: *Plaza Ballroom E* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): J Anthony Abbott, Central Washington University

2:00 Krzysztof Sakrejda, *Crops and Biodiversity: Beyond Banking Germplasm*

2:20 Mr. Joshua G. Swanson, University Of Missouri, Columbia, *Influences on *Juniperus* colonization of abandoned agricultural land in Missouri*

2:40 Brian Bakker, University of Northern Iowa, *GIS-Based Site Suitability Analysis for Planning Confined Animal Feeding Operations in Iowa*

3:00 Steven Schnell, Kutztown University Of Pennsylvania, *Old West and New West in Garden Park, Colorado*

3:20 J Anthony Abbott, Central Washington University, *Sheep Transhumance in the American Northwest*

1523. Language and Literature*Room: Plaza Ballroom F (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Muharem Cerabregu, Univ of Prishtina

2:00 Frank J. Fillebeck, III, Louisiana State University, *Coming in from the Cold: Place, Psychopathology and Poetics***2:20** Lynette Jacobson, University of Iowa, *Motion, Reference, and Precision: Exploring Geographic Space in Classical Latin***2:40** Kimberly Black, University of Kentucky, *Intellectual Terrorism: Book Challenges in the U.S., 1990-2000***3:00** Velvet Nelson, Kent State University, *The Temporal Landscape in Louis Bromfields Writings***3:20** Muharem Cerabregu, Univ of Prishtina, *Geographical Origin of Language The End of Place Name Mystery***1524. Landscape, Environment, Place, and Home***Room: Director's Row E (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Andrew Clark, Open University

2:00 Jason Jurjevich, *"Beyond Mountains and the Coast: A Regional Measure of Natural Amenities as a Determinant of Rural Population Change in the Upper Midwest"***2:20** Ms. Patricia Felber, *Who Has the Power? The Perception of Social and Political Landscape***2:40** Mark R. Hafen, Univ of South Florida, *Boxing Meinig: A Framework for Studying Humans and the Environment***3:00** Ms. Audrey Sprenger, University of Denver, *There's No Place Like Home or How To Map a Mixed Metaphor***3:20** Andrew Clark, Open University, *Sense of community, public space, and intergenerational (in)activity in Middle England***1525. Climatology***Room: Director's Row F (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ross Sippel, University of South Carolina

2:00 Maurice McHugh, Louisiana State University, *Multi-Model Trends in East African Rainfall associated with increased CO2***2:20** Mario Picazo, UCLA, *Intense Precipitation Scenarios over the Western Mediterranean***2:40** Stephen Podewell, Western Michigan University, *"Podewell & Siebert" ENSO Intensity Scale***3:00** Rebecca Smith, *Spatial and temporal variations of precipitation in U.S. western coastal states and their relationships to atmospheric circulation.***3:20** Ross Sippel, University of South Carolina, *A Synoptic and Microclimatic Analysis of the San Francisco Bay Area*

1527. Urbanization of the Colorado Front Range Past, Present and Future.*Room: Director's Row H (Paper Session)*

ORGANIZER(S): Tom Owens, United States Geological Survey

CHAIR(S): Tom Owens, United States Geological Survey

Introduction: Tom Owens, United States Geological Survey

2:05 Michael Stier, USGS, *Historic, Current, and Future Landscapes along the Colorado Front Range***2:25** Tom Owens, United States Geological Survey, *Development and Application of Human and Environmental Indicators in the Colorado Front Range***2:45** John McCammon, United States Geological Survey, *Using distance to road as an indicator of landscape change and habitat fragmentation in the Colorado Front Range***3:00** Jill Baron, United States Geological Survey, *Nitrogen Emissions Along the Colorado Front Range: Response to Population Growth, Land and Water Use Change, and Agriculture***3:20** Sheila F. Murphy, United States Geological Survey, *Water quality impacts of landscape change in a Colorado Front Range watershed***1530. Negotiating Racial and Ethnic Belonging in Urban Places: The Multiple Contexts of Identity Construction, Expression, and Evolution I (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)***Room: Tower Court A (Paper Session)*

ORGANIZER(S): Robert A. Yarbrough, University Of Georgia; Margaret Anne Hudson, University of Georgia

CHAIR(S): Robert A. Yarbrough, University Of Georgia

2:00 Ms. Serin Houston, *Places of possibility: perspectives on where mixed-race partners meet***2:20** Margaret Anne Hudson, University of Georgia, *Contingent Multiracial and Multiethnic Belongings: Narratives of Race, Ethnicity, and Context from Members of White/Mexican Multiethnic Households***2:40** Richard A. Wright, Dartmouth College, *Place, scale, and the racial claims made by parents of multiracial children in the 1990 Census***3:00** Pamela Wridt, CUNY-Graduate Center, *Young peoples social worlds: A case study of a border community in New York City***3:20** Sarah M. Loy, Clark University, *Whose paradise? Following the links between "racial" identity and urban development***1531. Digital Hazardscapes: Hazards, GIS and Remote Sensing (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)***Room: Tower Court B (Paper Session)*

ORGANIZER(S): Tarek Rashed, University of Oklahoma; Tom Cova, University of Utah

CHAIR(S): Tarek Rashed, University of Oklahoma

2:00 Michael E. Hodgson, University of South Carolina, *A Remote Sensing Hazard Guidance System for Analyzing Image Collection Opportunities*

- 2:20** Jiyeong Lee, University of North Carolina at Charlotte, *3D Geo-Information for Disaster and Emergency Management in Urban Areas*
- 2:40** Mr. Rex Rowley, *Rangeland Remote Sensing and the Rancher: Linking Rancher Perception of Drought and Remote Sensing*
- 3:00** Steve McClung, Oregon State University, *Glaciovolcanic Hazard Assessment of Mount Shasta, California: GIS-based Delineation of Potential Lahar Inundation Zones*
- 3:20** Tarek Rashed, University of Oklahoma, *Extending HAZUS®-MH to Assessing Community Vulnerability to Multiple-Hazards: A Geospatial Approach*

1532. Changing Towns and Regions

Room: Tower Court C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Laura M. Moley, University of Kansas

2:00 Ms. Anindita Sengupta, *Cultural Policy and Place Promotion: Discourse and Politics of Urban change*

2:20 Jamie L. Strickland, University of North Carolina - Charlotte, *Aging Workers, Aging Landscapes?: Images of the Pillowtex Plant Closures in North Carolina*

2:40 Russell Graves, Cameron University, *A Tale of Two Regions: Population Change and Economic Development in Southwest Kansas and Southwest Oklahoma, 1930-2000*

3:00 Mr. Youfeng Wang, *Community Viability and Adaptability to Environmental Change in Southwest Kansas*

3:20 Laura M. Moley, University of Kansas, *Identity, Environment, and Survival Strategies: Towns and Small Cities in the Twenty-first Century*

1534. Population Shifts

Room: Grand Ballroom I (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mei-Ling Freeman, US Census Bureau

2:00 Ms. Elizabeth Lyon, University Of Illinois - Champaign, *Exploring the Chicago Region: A Spatial Analysis of Population and Employment Location*

2:20 Richard L. Morrill, University Of Washington, *Commuting USA: Is there any remote rural left?*

2:40 Michael Ratcliffe, US Census Bureau, *Changes in the Distribution of Urban Population, 1990 and 2000*

3:00 Bryan Jones, *Rural Out-migration in Contemporary Iceland: Patterns, Problems, and Policies*

3:20 Mei-Ling Freeman, US Census Bureau, *Rural-Urban Population Change in Puerto Rico, 1990 to 2000*

1535. Variations on Spatial Perception*Room: Grand Ballroom 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sara Metcalf, University Of Illinois

2:00 Susanne Janschitz, University of Graz, *Interdependencies of GIS based environmental characteristics and cycling behavior***2:20** Mr. Stephen Daniel Weaver, Pennsylvania State University, *Visualization of my digital footprint***2:40** Joyce Davidson, *In a world of his own& An Emotional Geography of Autism***3:00** Andreas Koch, *Agents in space meet spatial agents***3:20** Sara Metcalf, University Of Illinois, *With Space in Mind: Simulating Social Influence on Perceptions of Place***1536. Understanding Land Transformation through Spatial Explicit Models (Sponsored by Geographic Information Science and Systems Specialty Group)***Room: Colorado (Paper Session)*

ORGANIZER(S): Laura C. Schneider, Rutgers University

CHAIR(S): Laura C. Schneider, Rutgers University

2:00 Laura C. Schneider, Rutgers University, *Spatially Explicit Model of Bracken Fern Invasion in Southern Yucatan Peninsular Region (SYPR).***2:20** Bethany Bradley, *Assessing Spatial Changes and Drivers of Biological Invasions Using Remote Sensing: The Case of Cheatgrass in Northern Nevada***2:40** Daniel Orenstein, Brown University, *Learning from history: Using models to understand the spatial relationships between population growth, loss of open spaces and land use policy in Israel, 1961-1995***3:00** J Ronald Eastman, Clark University, *Developing an Integrated Modeling Environment for the Analysis of Land Cover and Habitat Change and Planning for Biodiversity Conservation*

Discussant(s): Rinku Roy Chowdhury, University Of Miami

1537. Migration Studies*Room: Silver (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Terry-Ann Jones, University Of Miami

2:00 James A. Tyner, Kent State University, *Terror and the Politics of Migration***2:20** Jim Allen, California State University, Northridge, *Out-Migrants from California, 1995-2000***2:40** Terry-Ann Jones, University Of Miami, *Comparative Diasporas: Jamaicans in South Florida and Toronto***3:00** Ms. Albertine Van Diepen, *Expatriatism in a life course perspective*

- 1538. Aeolian Geomorphology (Sponsored by Coastal and Marine Specialty Group)**
Room: Gold (Paper Session)
 ORGANIZER(S): Diane P. Horn, Birkbeck College, University of London; Jean Ellis, Texas A&M University
 CHAIR(S): Jean Ellis, Texas A&M University
2:00 Jean Ellis, Texas A&M University, *The Design and Implementation of Microphones to Measure Aeolian Sand Transport*
2:20 Andreas Baas, King's College London, *Evaluating aeolian sand transport models at varying scales*
2:40 Steven Namikas, Louisiana State University, *Field Measurements and Modeling of Energy Partitioning during Grain-Bed Collisions in Aeolian Saltation: Preliminary Results*
3:00 Patrick A. Hesp, Louisiana State University, *Wind Flow and Aeolian Sand Deposition in Artificial Vegetation*
- 1539. Business Innovation**
Room: Century (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Peter W. Daniels, University of Birmingham
2:00 Chandrani Ohdedar, *Recent trends in the health insurance industry: competitiveness among firms.*
2:20 Mr. Conor Mc Caffery, *The Republic of Ireland: A Mature Information Society?*
2:40 Katariina Ala-Rämi, *Localized Capabilities of High Technology Enterprises in Northern Finland*
3:00 Peter W. Daniels, University of Birmingham, *Inside the Industrial Design World: Understanding the relationship between industrial design expertise, product development, and the manufacturing process*
- 1540. Mortality and Health Outcomes (I) (Sponsored by Medical Geography Specialty Group, Population Specialty Group)**
Room: Spruce (Paper Session)
 ORGANIZER(S): Max Lu, Kansas State University; Ronald E. Cossman, Mississippi State University
 CHAIR(S): Max Lu, Kansas State University
2:00 Paul Boyle, University Of St Andrews, *The widening suicide gap in Scotland*
2:20 Ronald E. Cossman, Mississippi State University, *Mapping Morbidity: Prescription Data as a Proxy for Chronic Illness*
2:40 Gerald Shultz, National Center for Health Statistics, *Density Based and Block-Size Based Measures of Sprawl/Development and Heart Disease: A Bayesian Spatial Analysis with Maps*
3:00 Max Lu, Kansas State University, *Access to health care, rurality and heart disease mortality: A Kansas case study*

1541. Author Meets Critics: Paul Robbins's Political Ecology: A Critical Introduction (Sponsored by Cultural and Political Ecology Specialty Group)

Room: *Denver* (Panel Session)

ORGANIZER(S): John Paul Jones, III, University of Arizona

CHAIR(S): John Paul Jones, III, University of Arizona

Panelists: Julie Guthman, Univ of California Santa Cruz; Haripriya Rangan, Monash University; Joel Wainwright, University of British Columbia; Billie L. Turner, II, Clark University; Paul Robbins, University of Arizona

1543. Geographic Approaches to Understanding Urbanising Landscapes and Urban Ecosystems (Sponsored by Biogeography Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: *Beverly* (Paper Session)

ORGANIZER(S): Matthew Beaty, CSIRO Sustainable Ecosystems

CHAIR(S): Matthew Beaty, CSIRO Sustainable Ecosystems

2:00 Mary Ann Cunningham, Vassar College, *Sprawl and fragmentation: how much development deters native bird species?*

2:20 Tenley Conway, University of Toronto, *Measuring habitat connectivity in urbanizing regions*

2:40 Li An, *Exploring Temporal Complexity in Land-use/cover Transitions: an Approach Integrating Survival Analysis with GIS and Remote Sensing Images*

3:00 John Dibari, Western Carolina University, *Effects of urbanization on landscape structure in a portion of the Tucson, Arizona metropolitan area*

3:20 Yen-Chu Weng, *Spatiotemporal Changes of Landscape Pattern in Response to the Process of Urbanization*

1545. Movement of People, Artifacts, and Capital

Room: *Captiol* (Paper Session)

ORGANIZER(S): Killian P. Ying, California State University, Los Angeles

CHAIR(S): Killian P. Ying, California State University, Los Angeles

2:00 Jen Kitson, California State University, Los Angeles, *Migration across space and through the creation of place: The back-to-the-land movement in the United States*

2:20 Kari Burnett, *The Reversal of Migration Patterns in Ireland*

2:40 Betty Lininger, *A Relocation Analysis of Sub-Saharan African Immigrants: Numbers, Destinations, and Impacts*

3:00 Barb'ra-Anne Carter, California State University, Los Angeles, *The Diffusion of Egyptian Mummies and a Location Analysis of Black Plague Sites*

3:20 Anne Dudzik, California State University - Los Angeles, *Squeezing out the Medium-Size Borrower: Barriers to Credit in Mexico*

- 1546. Climate-Society Interactions in the North America: Session I (Sponsored by Climate Specialty Group, Hazards Specialty Group, Human Dimensions of Global Change Specialty Group)**
- Room: Columbine (Paper Session)*
- ORGANIZER(S): Joseph Abraham; Andrea J. Ray, NOAA/Climatic Diagnostics Center
- CHAIR(S): Joseph Abraham
- 2:00** Jessica Whitehead, Pennsylvania State University, *Rapid assessment of the capacity to adapt to hydroclimatic change and variation: A cross-site comparison*
- 2:20** Colin Polsky, Clark University, *Socio-economic Drought in Central Massachusetts: Recent Trends in Exposure, Impacts and Adaptive Capacity*
- 2:40** Paula Decker, *Vulnerability to Urban Floods in Ambos Nogales*
- 3:00** Joseph Abraham, *Rural exurbanization, water provision, and climate: the social production of drought impacts in northern Gila County, Arizona*
- 1547. Cultural Industries: Theory and Policy I (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)**
- Room: Terrace (Paper Session)*
- ORGANIZER(S): Deborah Leslie, University Of Toronto; Norma M. Rantisi, Concordia University
- CHAIR(S): Thomas A. Hutton, University of British Columbia
- 2:00** Deborah Leslie, University Of Toronto, *Design Cities: Cultural Policy and City Branding*
- 2:10** Norma M. Rantisi, Concordia University, *Design Cities: Cultural Policy and City Branding*
- 2:20** Steve D. Millington, Insitute for Culture, Gender and the City - Manchester Metropolitan Universtiy, *Marketing the cosmopolitan city: the role of estate agents and developers in constructing*
- 2:30** Craig Young, Manchester Metropolitan Univ., *Marketing the cosmopolitan city: the role of estate agents and developers in constructing geographies of difference*
- 2:40** Andy C. Pratt, London School of Economics, *The cultural industries and public policy: an oxymoron?*
- 3:00** Harald Bathelt, University Of Marburg, *Between Luminaries and Meat Grinders: International Trade Fairs as Temporary Clusters*

- 1548. Mountain Waters: A Resource of Political Significance (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group, Mountain Geography Specialty Group)**
Room: Savoy (Paper Session)
 ORGANIZER(S): Ulrich Kamp, DePaul University
 CHAIR(S): Ulrich Kamp, DePaul University
2:00 Prof. Jayanta Bandyopadhyay, *Rethinking Water Management in the Himalayan Rivers Through the Dams vs. Environmental Flow Debate in the Ganges-Brahmaputra-Meghna Basin*
2:20 Matthew John Sanford, University of Montana, *Drinking Water Resources in Post-Soviet Naryn, Kyrgyzstan: A Tien Shan Mountain Community*
2:40 Chad Staddon, University of the West of England, *Struggles Over Water Resources in the Mountains of Postcommunist Bulgaria*
3:00 Patricia A. Benjamin, Worcester State College, *Water Conflict in Northern Tanzania*
- 1549. Places and People in the Middle East**
Room: Majestic Ballroom (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Dr. Alasdair D. Drysdale, University Of New Hampshire
2:00 Dorothy Drummond, Indiana State University, *Concepts of Jerusalem*
2:20 Mark D. Green, Indiana State University, *Location, Location, Location The Role of Inter-Site Visibility in Site Location Decisions on the Karak Plateau (Central Jordan)*
2:40 Michael Ewers, Ohio State University, *World Cities in the Middle East Gulf States: Multinationals, Migrants and Labor Markets*
3:00 Mr. Michael Collyer, *Life is elsewhere: Images of abroad and migration intentions in north Morocco*
3:20 Dr. Alasdair D. Drysdale, University Of New Hampshire, *The census as an instrument of national mobilization: the case of Oman's 2003 census*
- 1550. Feminism and Social Theory in Geography I (Sponsored by Geographic Perspectives on Women Specialty Group)**
Room: Vail (Panel Session)
 ORGANIZER(S): Karen Dias, University Of Minnesota
 CHAIR(S): Karen Dias, University Of Minnesota
 Panelists: Geraldine J. Pratt, University Of British Columbia; Lawrence Knopp, Jr., University of Minnesota-Duluth; Jennifer Hyndman, Simon Fraser University; Mei-Po Kwan, Ohio State University; Gill Valentine, University of Sheffield; Prof. Susan Craddock

4:00 p.m. - 5:40 p.m.**1601. Visual Narratives in the Production of Geography 2 (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Communication Geography Specialty Group)***Room:* Plaza Court 1 (Paper Session)

ORGANIZER(S): K. Maria D. Lane, Dept. of Geography, UT-Austin

CHAIR(S): K. Maria D. Lane, Dept. of Geography, UT-Austin

4:00 Kendra McSweeney, The Ohio State University, *Portrait, Landscape, Mirror: Historical Photographs in Ethnographic Research***4:20** Amy Propen, *Meaning-Making and the Map: A Social Semiotic Approach to Analyzing Cartographic Representation***4:40** Harvey K. Flad, Vassar College, *The Virtual Fieldtrip: A Guide to Reading the Past and Present City***5:00** Mr. Glenn W Gentry, Syracuse University, *Sparking Geographic Images: Exploring the Role of Matchbooks/boxes as Visual Narratives*

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

1602. Theorising the Global Firm 2 (Sponsored by Economic Geography Specialty Group)*Room:* Plaza Court 2 (Paper Session)

ORGANIZER(S): Andrew Jones, Birkbeck, University Of London; Mr. Christian Berndt, Universitaet Frankfurt

CHAIR(S): Mr. Christian Berndt, Universitaet Frankfurt

4:00 Andrew Jones, Birkbeck, University Of London, *More than Managing Across Borders? The Complex Role of Face-to-Face Interaction in Globalizing Law Firms***4:20** James Faulconbridge, Loughborough University, *Producing global knowing: practices enabling learning in global professional service firms***4:40** David R. Meyer, Brown University, *Networks of Job Mobility Among Global Financial Firms in Hong Kong***5:00** Sarah Hall, *Performing mathematical and narrative finance around the globe: the case of corporate finance***5:20** Jayme Walenta, University of British Columbia, *The 'good' girls of Enron: narratives of corporate housekeeping***1603. Geospatial Tools for Watershed Management (Sponsored by Water Resources Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)***Room:* Plaza Court 3 (Paper Session)

ORGANIZER(S): Ms. Holly Neill, James River Basin Partnership; L. Monika Moskal, Southwest Missouri State University

CHAIR(S): Ms. Holly Neill, James River Basin Partnership

4:00 Jeff Dickey, Florida State University, *Flood Prediction in Ungauged Basins***4:20** Graeme Aggett, Central Washington University, *Improving the classification accuracy of a gravel bed river using an object-oriented fuzzy classification of multispectral satellite and LiDAR terrain data*

- 4:40 Kelly Crowell, Los Alamos National Laboratory, *Quantifying flood-driven geomorphic change using sequential high resolution airborne laser mapping*
- 5:00 Michael Kuby, Arizona State University, *A Multiobjective Optimization Model for Dam Removal*
- 5:20 Erik Strandhagen, University of Oregon, *Views of the Rivers, Representing Hydrologic Data of the Greater Yellowstone Ecosystem*

1604. Spatial/Spatiotemporal Models (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): David Wong, George Mason University

CHAIR(S): John Odland, Indiana University

4:00 Jay Lee, Kent State University, *Modeling Urban Sprawl As A Spatiotemporal Phenomenon*

4:20 Kang Shou Lu, Clemson University, *Approximating Complex Urban Systems Using Cellular Computational Neural Networks*

4:40 Kalle Kronholm, Montana State University, *Including spatial complexity in snow avalanche release models*

5:00 Jared Aldstadt, San Diego State University, *Exploratory Space-time Analysis of Dengue Fever Transmission in Kamphaeng Phet, Thailand*

5:20 John Odland, Indiana University, *Concentration of Periodical Cicadas in Human-Modified Environments*

1605. Urban Issues: Crime and Segregation

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Paul Jargowsky, University of Texas at Dallas

4:00 Katie Filbert, National Institute of Justice, *Evaluating Geographic Profiling Software*

4:20 Elizabeth Groff, Institute for Law and Justice, *Modeling the Dynamics of Street Robbery*

4:40 Mr. John Van Auken, University of Denver, *Spatial Forecasting in Tactical Crime Analysis*

5:00 Thomas Ludden, UNC Charlotte, *Using Locally Derived Data to Calculate Segregation Indices in Charlotte, North Carolina*

5:20 Prof. Paul Jargowsky, University of Texas at Dallas, *A Measure of Spatial Segregation: The Generalized Neighborhood Sorting Index*

1606. Environment and Development in the Caribbean

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Lawrence S. Grossman, Virginia Tech

CHAIR(S): Lawrence S. Grossman, Virginia Tech

4:00 Beth H. Mills, Planning Division, Santa Fe County, *Gone to Come Back: Family Land in a Transnational Caribbean Community*

4:20 Lydia M. Pulsipher, University of Tennessee, *Decolonizing Caribbean Tourism*

4:40 Janet H. Momsen, Univ of California, *The Waxing and Waning of Land for the Peasantry in Barbados*

5:00 Lawrence S. Grossman, Virginia Tech, *Changing Environmental Discourses in the Windward Islands*

5:20 Bonham C. Richardson, *The Kingston, Jamaica, Earthquake of 1907*

1607. Public Scholarship, Community Engagement, and Field Work

Room: Plaza Court 7 (Panel Session)

ORGANIZER(S): Lakshman Yapa, Pennsylvania State

CHAIR(S): Lakshman Yapa, Pennsylvania State

Panelists: Ikubolajeh Logan, Department of African American Studies and Geography Penn State University; Amy Glasmeier, Pennsylvania State; William G. Moseley, Macalester College; Lakshman Yapa, Pennsylvania State

1608. Europe in the Face of Integration and Change

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Scott, Free Univ. Berlin

4:00 Kazimierz J. Zaniewski, University of Wisconsin, *Regional Differences in Population Change in Europe*

4:20 Scott Pusich, University of Kansas, *Deconstructing the Territorial State: The Case of the Former Yugoslavia*

4:40 Edith Szivas, University of Surrey, *European Integration and Regional Development*

5:00 Prof. Dr. Barbara Hahn, Wuerzburg University, *Cyprus: A Divided Country in the European Union*

5:20 James Scott, Free Univ. Berlin, *Borders and the Europeanization of Space: Evolving Theoretical Perspectives*

1609. Land Cover Classification Techniques and Improvements

Room: Governor's Square 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert C. Frohn, University Of Cincinnati

4:00 Wanxiao Sun, Southern Illinois University at Carbondale, *Three New Implementations of the Triangular Prism Method for Computing the Fractal Dimension of Image Surfaces*

4:20 Nivedita Candade, *Effects of Training Sizes and Dimensionality on Neural Network and Support Vector Machine Performance: A Comparative Study*

4:40 Yongxin Deng, University of Southern California, *The effects of spatial scales in fuzzy k-means landform classification*

5:00 Thomas Crawford, East Carolina University, *Fractal characterization of suburban residential development in Montgomery County, Maryland, 1950-2000*

5:20 Robert C. Frohn, University Of Cincinnati, *An object oriented approach to land-cover classification for the state of Ohio*

1610. Explorations in Regional Geography*Room: Governor's Square 10 (Paper Session)*

ORGANIZER(S): John C. Hudson, Northwestern University

CHAIR(S): John C. Hudson, Northwestern University

4:00 Dr. Dawn S. Bowen, University of Mary Washington, *Residential Segregation in an African-American Community: Richmond, Virginia, 1900-1930*4:20 Charles S. Aiken, University of Tennessee, *John Dollard's Southerntown Forty Years after The Economic Opportunity and Voting Rights Acts*4:40 Karl B. Raitz, University of Kentucky, *Local scale roads in nineteenth century Kentucky*5:00 John Fraser Hart, University Of Minnesota - Minneapolis, *A New Seedbed in Southwestern Kansas*5:20 Blake Gumprecht, University of New Hampshire, *Campus Corners and Aggievilles: The Distinctive Nature of College Town Commercial Districts***1611. Geographies of Affect***Room: Governor's Square 11 (Paper Session)*

ORGANIZER(S): Ms. Jennifer Lea; John-David C. Dewsbury, University Of Bristol

CHAIR(S): Emma Roe

4:00 John-David C. Dewsbury, University Of Bristol, *Geographies of Affect*4:20 Keith Woodward, University of Arizona, *Gonzo Geography, or, Feeling New York*4:40 Prof. Arun J.J. Saldanha, University of Minnesota, *The affects of race: psychedelic transformation of self in Goa's rave scene*5:00 Paul Harrison, *The call of the affectual. Witness and the failure of representation.*5:20 Ms. Jennifer Lea, *Bodily encounters/Encountering bodies: the challenges of experiential research.***1612. Participatory Geographic Information Systems***Room: Governor's Square 12 (Paper Session)*

ORGANIZER(S): Mr. Timothy Lee Hawthorne, West Virginia University; Daniel Weiner, West Virginia University

CHAIR(S): Mr. Timothy Lee Hawthorne, West Virginia University

4:00 Rina Ghose, University Of Wisconsin Milwaukee, *The politics of scale in Public Participation GIS*4:20 Wen Lin, University of Wisconsin-Milwaukee, *Scale and Networks in Collaborative GIS Provision for Urban Grassroots Community Organizations A Case Study in Milwaukee*4:40 Mr. Timothy Lee Hawthorne, West Virginia University, *Participatory GIS for Growth Management in the Cheat Lake Planning District of Monongalia County, West Virginia*5:00 John Krygier, Ohio Wesleyan University, *Internet-Based Participatory GIS: The Delaware County, Ohio Recreation Trails Project*5:20 Laxmi Ramasubramanian, Hunter College, *Evaluating PPGIS Research and Practice: Examining Conceptual and Methodological Issues*

1614. Polar Geographies*Room: Governor's Square 14 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jason Davis, Ohio State University

4:00 Mark Tschudi, NCAR, *Melt Pond Coverage on Arctic Sea Ice***4:20** Yingkui Li, Department of Earth and Atmospheric Sciences, Purdue University, *What cosmogenic apparent exposure ages on bedrock tell us about erosion patterns under the Fennoscandian Ice sheet during the last glacial cycle***4:40** Jaehyung Yu, Texas A&M University, *The GIS-based net mass balance of the Lambert Glacier Basin, Antarctica***5:00** Jason Davis, Ohio State University, *The Power of Science in Antarctic Governance***1615. Innovative Spatial Studies***Room: Governor's Square 15 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mukesh Kumar, DURP, Jackson State University

4:00 Miriam Helen Hill, Jacksonville State University, *Spatial Patterns of Alabama Agriculture***4:20** Michael Samers, University Of Nottingham, *The dawn of Islamic finance in 'western' economies***4:40** Pat Farrell, University of Minnesota, *"Soilscapes" and Settlement in the Sibun River Valley, Belize***5:00** Mukesh Kumar, DURP, Jackson State University, *Geographical Scope of University Expansion and its Impact on Land and Housing Markets A Method and its Demonstration with a Case Study of an Urban University***1616. Design, Evaluation, and Concepts in Geography Education***Room: Governor's Square 16 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Catherine M. Lockwood, Chadron State College

4:00 Sarah Battersby, *Creating a hierarchical structure for geospatial concept knowledge***4:20** James W. Harris, US Air Force Academy, *Geopolitics for 21st Century Warfighters: Hot Spots & Emerging Issues—the Re-emergence of Geopolitics in Academe***4:40** Bryon D. Middlekauff, Plymouth State College, *Design, execution, and evaluation of the effectiveness of a field trip to the Southwestern United States.***5:00** Scott L. Walker, Texas State University-San Marcos, *Development and Validation of the Test of Geography-Related Attitudes (ToGRA)***5:20** Catherine M. Lockwood, Chadron State College, *Accountability: Assessing the Effectiveness of a National Geogrpahy Education Program*

1617. Errors are Everywhere*Room: Governor's Square 17 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Amy C Burnicki

4:00 Changjoo Kim, Minnesota State University, *Accuracy Measurement of Digital Images under System Integration of GIS, GPS, and RS*4:20 French Tyler Huffman, University of Connecticut, *Exploring the Propagation of Errors Contained within Remotely Sensed Input Data and the Impacts that these Errors can have on Multi-Criteria Evaluation Procedures*4:40 Jacob Napieralski, *Comparing predicted and observed spatial boundaries of geographic phenomena using Automated Proximity and Conformity Analysis (APCA)*5:00 Jeong Chang Seong, Northern Michigan University, *Modeling categorical errors in global raster datasets caused by reprojections*5:20 Amy C Burnicki, *Simulating Patterns of Uncertainty in Post-Classification Change Detection***1624. Characterizing Population and Urban Areas with Remotely Sensed Data***Room: Director's Row E (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Paul C. Sutton, University of Denver

4:00 Cory McMahon, United States Geological Survey, *Mapping urban land cover sub-pixel imperviousness change detection*4:20 Ms. Bingqing Liang, Indiana State University, *A multi-scale analysis of census-based land surface temperature variations and determinants in Indianapolis*4:40 Matthew Clemonds, Texas A&M University, *Exploring the Relationship between Vegetation Canopy and Thermal Properties in Urban Residential Areas by Integrating Airborne LIDAR and Remotely Sensed Imagery*5:00 M. A. Booher, Slippery Rock University, *Autumn of the Nocturnal*5:20 Paul C. Sutton, University of Denver, *Estimation of National and Sub-National GDP using Nighttime Satellite Imagery***1625. Bringing together landuse, landcover and landscape perspectives***Room: Director's Row F (Paper Session)*

ORGANIZER(S): Shanon Donnelly, Indiana University

CHAIR(S): Shanon Donnelly, Indiana University

4:00 Charles Greer, *Steps toward integrated landscape study: example in southern Indiana*4:20 Ms. Yamir Gonzalez-Velez, Indiana University, *Beyond the Imagined Landscape*4:40 Christine Mathenge, Indiana University, *Combining Traditional Landscape Methods with Land Use Land Cover Change Techniques to Explain Patterns in the Landscape in Southwestern Uganda*5:00 Shanon Donnelly, Indiana University, *The role of spatial organization in the persistence of woodlots in Northern Indiana*

1627. Geographical Perspectives of Denver and Colorado*Room: Director's Row H (Panel Session)*

ORGANIZER(S): Andrew R. Goetz, University Of Denver

CHAIR(S): Andrew R. Goetz, University Of Denver

Introduction: Andrew R. Goetz, University Of Denver

Panelists: William Wyckoff, Montana State University; Brian Page, University of Colorado at Denver and Health Sciences Center; Katherine M. Johnson; Andrew R. Goetz, University Of Denver; Dr. Thomas A. Clark, University of Colorado; Charles G. Schmidt, University of Northern Colorado

1630. Negotiating Racial and Ethnic Belonging in Urban Places: The Multiple Contexts of Identity Construction, Expression, and Evolution II (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)*Room: Tower Court A (Paper Session)*

ORGANIZER(S): Robert A. Yarbrough, University Of Georgia; Margaret Anne Hudson, University of Georgia

CHAIR(S): Margaret Anne Hudson, University of Georgia

4:00 Joy K. Adams, University of Texas, *German for a day: Heritage tourism and symbolic ethnicity in Central Texas***4:20** Leo Zonn, University Of North Carolina, *Gendered Spaces and Places of a Transitional American Indian Community: Yolanda and The Exiles***4:40** James D. Engstrom, Georgia Perimeter College, *Belonging and Exclusion in the Plays/Places of Adrienne Kennedy***5:00** Brenda Ann Kayzar, San Diego State University and University of California, Santa Barbara, *Public Art Downtown: Representations of Place and Identity***5:20** Robert A. Yarbrough, University Of Georgia, *Ethnic Urban Geographies and the Negotiation of Central American Immigrant Identities in Atlanta, GA***1631. Geographies of Hope and Social Change (Sponsored by Socialist and Critical Geography Specialty Group)***Room: Tower Court B (Paper Session)*

ORGANIZER(S): Jenna M. Loyd, UC Berkeley; Jennifer J. Casolo, University of California at Berkeley

CHAIR(S): Jennifer J. Casolo, University of California at Berkeley

4:00 Nari Rhee, UC Berkeley, *The "Working Families" Political Imaginary***4:20** Jenna M. Loyd, UC Berkeley, *Em-placing Hope: Community Health, Empowerment and Self-Determination, from South Africa to the US and In Between***4:40** Jennifer J. Casolo, University of California at Berkeley, *Hope as Changing Practice: Questioning the Agrarian Question in Central America***5:00** Sara Koopman, University of British Columbia, *Liberatory Topologies: the vigil to close the School of the Americas*

Discussant(s): Chris Niedt, UC Berkeley

- 1632. Resource Degradation and Conservation in the Himalayas and Pamirs (Sponsored by Cultural and Political Ecology Specialty Group, Mountain Geography Specialty Group, Asian Geography Specialty Group)**
Room: Tower Court C (Paper Session)
 ORGANIZER(S): Ulrich Kamp, DePaul University; Marcus Nuesser, University of Bonn, Germany
 CHAIR(S): Marcus Nuesser, University of Bonn, Germany
4:00 Alton C. Byers, The Mountain Institute, *Contemporary Human Impacts on Alpine Ecosystems in the Sagarmatha (Mt. Everest) National Park, Khumbu, Nepal*
4:20 Keith Bosak, *Nature, Conflict and Biodiversity Conservation in the Nanda Devi Biosphere Reserve*
4:40 Marcus Nuesser, University of Bonn, Germany, *Changing Land Use in the Periphery of the Central Himalayas (Gori Valley, Uttaranchal, India)*
5:00 Ian Snider, *A Political Ecology of Transhumance in the Niti Valley of Indias Garhwal Himalaya.*
5:20 Cyrus Samimi, University of Erlangen-Nuremberg, *Eastern Pamirs of Tajikistan: Changing Land Use Practices and Environmental Degradation(?)*
- 1633. Social Policy and Urban Geography**
Room: Tower Court D (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Jinkyu Jung, SUNY at Buffalo
4:00 Joseph Blalock, *Virtual Nashville: Digital Place Making Through Interactive Visualizations*
4:20 Ronald E. Wilson, Inter-University Consortium for Political and Social Research, *The Effects of Mass Incarceration on Neighborhoods*
4:40 Jinkyu Jung, SUNY at Buffalo, *When Children Speak About Their Community: Ways We Can Hear Childrens Voices in Planning*
- 1634. Latin American Spaces and Places**
Room: Grand Ballroom 1 (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Harold R. Trendell, Kennesaw State University
4:00 Ronald W. Luna, University Of Maryland, *Salvadoran Evangelical Protestant Churches in the Washington D.C. Metropolitan Area*
4:20 Joel Jennings, University of Cambridge, *Hidden Faces, Scaled Spaces: Latinos in the Heartland*
4:40 Evelyn D. Ravuri, *Changes in the Distribution of the Hispanic Population in Grand Rapids, Michigan, 1990-2000*
5:00 Catherine Berry, University of Nevada, *Creating Place: Transnationalism, Domestic Migration, and Latino-Owned Businesses in Northern Nevada*
5:20 Harold R. Trendell, Kennesaw State University, *The Transition of a Commercial Landscape: Latino Business Growth and Economic Assimilation in Cobb County, Georgia*

1635. Vector Borne Diseases

Room: *Grand Ballroom 2* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mary Hayden, University of Colorado

4:00 Li Li, SUNY - Buffalo, *Modeling mosquito larvae habitat in Western Kenya highlands*

4:20 Ling Bian, Department Of Geography, State University Of New York at Buffalo, *Return of the ring - Effects of link between daytime and night populations on spatial and temporal dispersion of infectious diseases*

4:40 Linda Komlos, University of Arkansas, *Diffusion of the West Nile Virus in Arkansas with a GIS Application*

Discussant(s): Mary Hayden, University of Colorado

1636. Geographies of Innovation

Room: *Colorado* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Alan D. MacPherson, SUNY at Buffalo

4:00 Jerker Moodysson, Department of Social and Economic Geography, Lund University, Sweden, *Knowledge Closing Distance: a dual geography of biotech innovation*

4:20 Hyungjoo Kim, University of Washington, *Technological Relevance between Higher Education and IT Industries in U.S. metropolitan areas: Patent Citation Data Analyses*

4:40 Edward Malecki, Ohio State University, *Still on Top? Knowledge and Innovation Policy in the USA*

5:00 Mr. Yang You-Ren, *The Study of Taiwanese ODM Manufacturers' Geography of Learning in IT Industry:Challenging Modular Production Networks*

5:20 Alan D. MacPherson, SUNY at Buffalo, *Technology Sourcing and Development in the U.S. by Asian Companies: Inward Investment as a Sourcing Strategy*

1637. The Neoliberal City

Room: *Silver* (Paper Session)

ORGANIZER(S): Jason Hackworth, University of Toronto

CHAIR(S): Jason Hackworth, University of Toronto

Panelists: Jason Hackworth, University of Toronto; Andrew E.G. Jonas, University of Hull; Eugene McCann, Simon Fraser University; Kathe Newman, Rutgers University; Scott Salmon, New School University

1638. Coastal Geomorphology (Sponsored by Coastal and Marine Specialty Group)

Room: *Gold* (Paper Session)

ORGANIZER(S): Diane P. Horn, Birkbeck College, University of London

CHAIR(S): Steven Namikas, Louisiana State University

4:00 Philip L. Chaney, Auburn University, *Images from a Post-Storm Aerial Survey of Hurricane Ivans Landfall along the Alabama Coast in September, 2004*

4:20 Michael Craghan, Middle Atlantic Center for Geog. & Emt. Studies, *Characteristics of suspended sediment in water flooding a Spartina marsh*

- 4:40 Paul A. Gares, *Evaluating Hatteras Island Sediment Budget using LIDAR*
 5:00 Diane P. Horn, Birkbeck College, University of London, *Sediment dynamics on mixed sand and gravel beaches*
 5:20 Alan Trenhaile, *Erosional processes on sloping and horizontal shore platforms in eastern Canada*

1639. Challenges to Livelihoods in Africa

Room: *Century* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Julie Silva, Rutgers University

- 4:00 Ms. Hewan Girma, *Developing micro-credit for poverty alleviation in Ethiopia*
 4:20 Ms. Monalisa Chatterjee, Student, *Appraisal of Micro Credit Institutions in Low Income Communities*
 4:40 Rebecca Farmer, *In A Quest for Self-Reliance: Issues of Insecurity in Ugandan Refugee Camps*
 5:00 Angela M. Gray, The University of Kansas, *Political Ecology of Refugee Hosting in Zambia*
 5:20 Julie Silva, Rutgers University, *Who has an easy life? Local experiences of inequality in Mozambique*

1640. Mortality and Health Outcomes (II) (Sponsored by Medical Geography Specialty Group, Population Specialty Group)

Room: *Spruce* (Paper Session)

ORGANIZER(S): Max Lu, Kansas State University; Ronald E. Cossman, Mississippi State University

CHAIR(S): Paul Boyle, University Of St Andrews

- 4:00 Prof. Hare Timothy, Morehead State University, *A Regression Approach to Kentuckys County-Level Mortality Rates and Related Factors*
 4:20 Philippe Amstislavski, Yale University, *Linking Community Landscape and Health Through Walking Exercise Mapping*
 4:40 Debarchana Ghosh, *Effect of Exposure to Mass Media on Knowledge and Use of Antenatal Care Services: A Comparative Analysis of Himachal Pradesh, Uttar Pradesh, Andhra Pradesh and Karnataka*

1641. A Means to Re-embed Markets, or a Mechanism of Remote Control? Product Certification Schemes in Mexico (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group, Latin America Specialty Group)

Room: *Denver* (Paper Session)

ORGANIZER(S): Daniel Klooster, Florida State University

CHAIR(S): Daniel Klooster, Florida State University

- 4:00 Daniel Klooster, Florida State University, *The Spread and Impact of Forest Certification in Mexico*
 4:20 Tad Mutersbaugh, University Of Kentucky, *Certify Everything: geography and epistemology in agricultural product certification*

4:40 Peter Leigh Taylor, Colorado State University, *Would a Fair Trade Approach to Community Forest Certification be Feasible?: Problems and Possibilities*

5:00 Marie-Christie Renard, Universidad Autonoma De Chapingo, *The contested character of quality in Fair Trade*

Discussant(s): Margaret I. FitzSimmons, UC Santa Cruz

1643. Geographic approaches to understanding urbanising landscapes and urban ecosystems (Sponsored by Biogeography Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Beverly (Paper Session)

ORGANIZER(S): Matthew Beaty, CSIRO Sustainable Ecosystems

CHAIR(S): Matthew Beaty, CSIRO Sustainable Ecosystems

4:00 Matthew Beaty, CSIRO Sustainable Ecosystems, *Examining linkages between urban spatial patterns and ecological and social processes in Sydney, Australia*

4:20 Evelyn Ng, Arizona State University, *The Desert Greens: Creating and sustaining golf tourism in Arizona's Valley of the Sun*

4:40 Jeremy Mennis, Temple University Department Of Geography and Urban Studies, *Urban Development and the Transformation of Vegetation in Denver, Colorado, 1990-2000*

5:00 Ms. Carol Atkinson-Palombo, Arizona State University, *A Case Study in Urban Political Ecology: Phoenix, Arizona Sprawl and the Great Transportation Debate*

5:20 Daniel G. Brown, University of Michigan, *Land-Cover Change in Exurban Southeastern Michigan*

1645. Modernity and Morbidity: Civilization Diseases

Room: Captiol (Paper Session)

ORGANIZER(S): Killian P. Ying, California State University, Los Angeles

CHAIR(S): George J. Demko, Dartmouth College

Introduction: George J. Demko, Dartmouth College

4:02 George J. Demko, Dartmouth College, *Prostatic Carcinoma in the United States: A Spatial Analysis*

4:20 Mr. Michael Gainor, Southern California Association of Governments, *Terrestrial Altitude and Cardiovascular Heart Disease*

4:40 Akihiko Michimi, University of Connecticut, *Geographic Association in Food Consumption Pattern: Application to Preventive Effort on Cardiovascular Disease Prevalence*

5:00 Killian P. Ying, California State University, Los Angeles, *The Geography of Influenza and Flu Vaccines*

5:20 Monique Nicole Hernandez, University of Miami, *Complementary Alternative Medicine in Florida: An Analysis of Spatial Variations of Licensed Practitioners by County*

1646. Climate-Society Interactions in the North America: Session II (Sponsored by Climate Specialty Group, Hazards Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Columbine (Paper Session)

ORGANIZER(S): Joseph Abraham; Andrea J. Ray, NOAA/Climatic Diagnostics Center

CHAIR(S): Andrea J. Ray, NOAA/Climatic Diagnostics Center

4:00 Deborah Thomas, University of Colorado, Denver, *Drought and Water Quality Impacts on Health in Colorado*

4:20 Sarah Knuth, Penn State University, *Evaluating a Mixed Methods Approach to Vulnerability Assessment: Vulnerability to Environmental Hazards in the Moshannon Creek Watershed, Central Pennsylvania*

4:40 Dan Bedford, Weber State University, *Climate-Society Interactions and Utahs Great Salt Lake*

5:00 Gregg Garfin, University of Arizona, *Contributions of Regional Integrated Assessment to Coping with Vulnerability to Climate in Central Arizona*

1647. Cultural Industries: Theory and Policy II (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: Terrace (Paper Session)

ORGANIZER(S): Deborah Leslie, University Of Toronto; Norma M. Rantisi, Concordia University

CHAIR(S): Deborah Leslie, University Of Toronto

4:00 Dominic J. Power, University Of Uppsala, *Brands and fashion in governing the cultural economy*

4:20 Caroline Jentsch, *The Organizational Paradox in Advertising and the Reconfiguration of Project Cooperation*

4:40 Alexander Cole, Copenhagen Business School, *Some Jobs Never Become Routine: Winner-take-all Markets and The Limits to Outsourcing in Animated Feature-Film Production*

5:00 Tara Vinodrai, University Of Toronto, *Reproducing the creative economy: Institutions, intermediaries, and labour markets*

5:20 Meric S. Gertler, University of Toronto, *Creative agency? Ecologies of design in the urban economy*

1648. Critics Meet Author - Cindi Katz (Sponsored by Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Savoy (Panel Session)

ORGANIZER(S): Stuart C. Aitken, San Diego State University

CHAIR(S): Stuart C. Aitken, San Diego State University

Introduction: Stuart C. Aitken, San Diego State University

Discussant(s): Cindi Katz, CUNY Graduate Center

Panelists: Dr. Tracey Skelton, Loughborough University; Mike Kesby; Susan Ruddick, University of Toronto; Elizabeth A Gagen, University Of Hull; Sarah Radcliffe, Cambridge University

1649. Panel Discussion

Room: *Majestic Ballroom* (Panel Session)

ORGANIZER(S): Sharon Shin, Federal Geographic Data Committee

CHAIR(S): Sharon Shin, Federal Geographic Data Committee

Discussant(s): Sharon Shin, Federal Geographic Data Committee; Suzanne Harrison, Earth Data Analysis Center; Jeffrey D. Hamerlinck, University of Wyoming; Theresa Ely, National Park Service

1650. Feminism and Social Theory in Geography II (Sponsored by Geographic Perspectives on Women Specialty Group)

Room: *Vail* (Panel Session)

ORGANIZER(S): Karen Dias, University Of Minnesota

CHAIR(S): Karen Dias, University Of Minnesota

Panelists: Tiffany K. Muller, University Of Minnesota; Mary E. Thomas, University Of California, Los Angeles; Karen Dias, University Of Minnesota; Alison Mountz, Syracuse University; Jennifer Blecha, University of Minnesota; Rachel Silvey, University of Colorado

6:00 p.m. - 11:30 p.m.**Opening Evening Events****6:00 p.m. Opening Plenary Featuring Barry Lopez, author of *Arctic Dreams***

Room: *Plaza Ballroom A* (Plenary Session)

Welcoming Remarks: Victoria Lawson, AAG President; Department of Geography, University of Washington

Introduction of Keynote: Douglas Richardson, AAG Executive Director

Keynote Address: Barry Lopez

Essayist and nature writer **Barry Lopez** is the National Book Award winning author of *Arctic Dreams*. His writings, which include books *Winter Count*, *Of Wolves and Men*, and many other books and collections of essays, have been compared to those of Henry David Thoreau and Edward Abbey.

7:00 p.m. International Reception in Exhibit Hall

Mingle with colleagues from around the world while enjoying hors d'oeuvres and drinks.

7:30 p.m. Tribal Music Performance

Room: *Plaza Ballroom D*

Featuring the Iron Family Dancers and Singers/ Pawnee Spotted Horse Drum Group

8:00 p.m. Western Social Welcome

Room: *Plaza Ballroom D*

Featuring Denver's premier dance band—"Heartbeat." Drinks and hors d'oeuvres will be served.

8:00 a.m. - 9:40 a.m.

- 2101. Advancing Geography in the Academe (Sponsored by Committee on the Status of Women in Geography)**
Room: Plaza Court 1 (Panel Session)
 ORGANIZER(S): Sharmistha Bagchi-Sen, SUNY-Buffalo; Beth Mitchneck, University of Arizona
 CHAIR(S): Kenneth E. Foote, University of Colorado
 Panelists: Rodney A. Erickson, Pennsylvania State University; Susan Hanson, Clark University; Janice Monk, Department of Geography and Regional Development; M. Duane Nellis, Kansas State University; Risa I. Palm, Louisiana State University; Thomas J. Baerwald, National Science Foundation
- 2102. Landsurface - Atmosphere Interactions I (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Remote Sensing Specialty Group)**
Room: Plaza Court 2 (Paper Session)
 ORGANIZER(S): Constance Brown; Hans Peter Schmid, Indiana University
 CHAIR(S): Constance Brown
8:00 Mark D. Schwartz, University Of Wisconsin - Milwaukee, *Examining Spring's Onset in the Southern Hemisphere*
8:20 Hans Peter Schmid, Indiana University, *Matching carbon exchange products from MODIS to Flux Towers: are we comparing apples with apples?*
8:40 Constance Brown, *Carbon-Water Dynamics of Semi-Arid Ecosystems*
9:00 William Massman, *Advective transport of CO₂ in permeable media induced by atmospheric pressure fluctuations*
9:20 David Greenland, Louisiana State University, *The Climate Signal in Louisiana Sugarcane Yields*
- 2103. Geospatial Tools for Watershed Management (Sponsored by Water Resources Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**
Room: Plaza Court 3 (Paper Session)
 ORGANIZER(S): Ms. Holly Neill, James River Basin Partnership; L. Monika Moskal, Southwest Missouri State University
 CHAIR(S): Ms. Holly Neill, James River Basin Partnership
8:00 Kevin Czajkowski, University of Toledo, *Crop Rotation Identification from Multi-Temporal Satellite Imagery*
8:20 Fredric James Donaldson, *Long term analysis of LULC impacts on water quality in the Provo River watershed*
8:40 Tawan Banchuen, Student, *Climate Change and Deicing Salt Usage and Transport*
9:00 Mr. Derek Martin, *Development of a GIS/RS Based Methodology for Monitoring Spatial Patterns of Gravel Bar Movement Within the Ozark National Scenic Riverways*
9:20 Michael E Troyer, U.S. Environmental Protection Agency, *The Effects of Spatial Scale and Resolution on Landscape Models of In-Stream Nutrient Concentrations*

2104. Critical Perspectives in Urban Political Ecology: Investigations into the social production of forests and waters (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): Harold A. Perkins

CHAIR(S): Harold A. Perkins

8:00 Alexander Loftus, *(D)urban struggles to make the waterscape more real*

8:20 Brenda Baletti, *The social production of ecological space: the urban forests of Belém, Brazil*

8:40 Jeremia Njeru, University of Wisconsin-Milwaukee, *The Political Ecology of Urban Deforestation: The Case of Karura Forest in Nairobi, Kenya*

9:00 Ms. Parama Roy, *Excavating Race Relations in the Urban Environment: Institutional Racism and Milwaukee's Urban Forestry Department*

9:20 Harold A. Perkins, *Manifestations of Contradiction: Lakes Environments within the Production/Consumption Dialectic*

2105. Yellowstone National Park: Elk and Snowmobiling

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael J. Yochim, University Of Wisconsin-Madison

8:00 Wenwu Tang, University Of Iowa, *Simulating Adaptive Winter Migrational Behaviors of Elk in Northern Yellowstone National Park*

8:20 Craig Anderson, *Modeling Spatially Distributed Snowpack Properties for the Northern Elk Winter Range, Yellowstone National Park*

8:40 David Shively, University of Montana, *Winter use planning in Yellowstone and Grand Teton National Parks: A case study in contemporary federal environmental policy-making.*

9:00 Jean Lavigne, Gustavus Adolphus College, *The Machine in the Garden: The Discursive Politics of Snowmobiling in Yellowstone*

9:20 Michael J. Yochim, University Of Wisconsin-Madison, *Snowmobiles in Yellowstone: Contested Landscape, Conflicting Meanings*

2106. Spatial Analysis and Modeling for Hazards

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Zhaohua Chen

8:00 Hyowon Ban, Ohio State University, *A Study on the Geomorphological Characteristics of Development and Flood Hazards in Watershed using Geographic Information System*

8:20 Peter Scull, *A comparison of two proposed sampling strategies designed to perform a geochemical soil survey of North America.*

8:40 Jian Chen, University of Memphis, *GIS-based Meteorological Hazards Risk Assessment for Shelby County, Tennessee*

9:00 Dajun Dai, *Spatiotemporal Patterns and Distributions of Soil Dioxin Contamination and Influence of a Putative Hazard Site in the Midland Area, Michigan*

9:20 Mr. Zhaohua Chen, *A Logistic Regression Model for Landslide Hazard Mapping: A Case Study in Southern Mackenzie Valley, Canada*

2107. Federal Politics

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Katherine M. Johnson

8:00 Mr. Walton Walton, *Tort Reform in the USA: A Geographical Perspective*

8:20 Jim Russell, University of Colorado, *Governmentality and Territorial Control: Spatial Politics of Rights as a Constraint on State Behavior*

8:40 Tom L. Schmiedeler, Washburn University, *Government and Urban Planning on the Midwestern Frontier: the Politics of Town Formation*

9:00 James M. Smith, Towson University, *The Geopolitics of Representation: China and US Policy*

9:20 Katherine M. Johnson, *The North American State: Metropolitan Convergence in the United States and Canada*

2108. Challenges, Trends, and Materials in Teaching Geography

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Roy Cole, Grand Valley State

8:00 Brian Fulfrost, University Of California, *Using the University of California Atlas of Global Inequality as a Teaching Tool*

8:20 Joel Deichmann, Bentley College, *International Education at the Business University: The Role of Short-Term Programs Abroad*

8:40 Roy Cole, Grand Valley State, *What is Africa to me? The regionalization of Africa in undergraduate Geography of Africa textbooks, 1953 to 2004*

9:00 Alice L. Jones, Eastern Kentucky, *Evaluating Small Town Kentucky's Readiness to Grow: A Case Study of Research-Centered Teaching in the Undergraduate Curriculum*

2109. AP Human Geography: The Curriculum, Exam, and Integration with College Coursework (Sponsored by Geography Education Specialty Group)

Room: Governor's Square 9 (Panel Session)

ORGANIZER(S): Allison Clark, College Board Advanced Placement Program

CHAIR(S): Barbara S. Hildebrant, Educational Testing Service

Introduction: Barbara S. Hildebrant, Educational Testing Service

Panelists: Allison Clark, College Board Advanced Placement Program; Donald J. Zeigler, Old Dominion University; David A. Lanegran, Macalester College; Tim Strauss, University of Northern Iowa; Martha B. Sharma

2110. Identity Politics, Cultural Memory, and the Neo-Confederate Movement in the United States (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)*Room: Governor's Square 10 (Paper Session)*

ORGANIZER(S): Euan Hague, DePaul University

CHAIR(S): Derek H. Alderman, East Carolina University

8:00 Gerald R. Webster, University of Alabama, *Lost Cause Iconography and the Neo-Confederate Movement***8:20** Euan Hague, DePaul University, *Claiming white space neo-Confederate activist discourse and secessionist vision***8:40** Dave Jansson, Pennsylvania State University, *Internal Orientalism and the League of the South: the Moral Geographies of Truth and Resistance in Southern Nationalism***9:00** Jon Bohland, Virginia Tech, *A Small Town Dixie Mecca: Confederate Memory and Heritage in the town of Lexington, Virginia.***9:20** Prof. Heidi Beirich, Southern Poverty Law Center, *A House Divided: The battle for control of the Sons of Confederate Veterans***2111. Amazon and Environment I (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)***Room: Governor's Square 11 (Paper Session)*

ORGANIZER(S): Marcellus Caldas, Michigan State University; Robert Walker, Michigan State University

CHAIR(S): Marcellus Caldas, Michigan State University

8:00 Robert Walker, Michigan State University, *Deconstructing the spatial pattern of tropical forest loss: Fishbone fragmentation in the Brazilian Amazon.***8:20** Stephen Aldrich, Michigan State University, *Land Cover, Processes of Social Stratification, and Agricultural Expansion in the Amazon***8:40** John Browder, Virginia Tech, *Pathways through the Rain Forest: Small Farmers and the Fate of the Amazon***9:00** Prof. Randolph Wynne, *Remotely Sensing the Farm-System-Type Continuum in the Brazilian Amazon***2112. Urban Land Use***Room: Governor's Square 12 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sunhee Sang, Ohio State University

8:00 Namji Jung, Cornell University, *Reinventing Urban Space: Growth of the New Media Industry and space making***8:20** Jovana Trkulja, *Development Potential of Commercial Corridors in the Twin Cities***8:40** Jose A. Gavinha, Texas A&M University, *The Texas Urban Triangle An emerging global megalopolis ?***9:00** James Vaughan, Texas State University-San Marcos, *Growth and Change in a Paradigmatic Region***9:20** Sunhee Sang, Ohio State University, *The Impact of Urban Structure on Job Accessibility Gaps along Different Gender, and Race*

2114. Geography and Terrorism (Sponsored by Political Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Latin America Specialty Group)

Room: Governor's Square 14 (Panel Session)

ORGANIZER(S): Joe Scarpaci, Virginia Tech

CHAIR(S): Joe Scarpaci, Virginia Tech

Introduction: Joe Scarpaci, Virginia Tech

Panelists: James K. Mitchell, Rutgers University; Alexander B. Murphy, University of Oregon; Dr. Derek Gregory, University of British Columbia; Neil Smith, City University Of New York

2115. Electoral Geography

Room: Governor's Square 15 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jason Henderson, San Francisco State University

8:00 Barney Warf, Florida State University, *Voting Technologies and Residual Ballots in the 2000 and 2004 Presidential Elections*

8:20 Bernadette Marion, Texas State University, *Redistricting: A Geographic Perspective*

8:40 Ariel Terranova-Webb, University Of Kentucky, *Mobilizing Citizens: Negotiating Citizenship in the Community of the American Circus*

9:00 Jason Henderson, San Francisco State University, *Secessionist automobility: The politics of mobility and spatial secession in Atlanta, Georgia.*

2116. Topics in Latin American Immigration

Room: Governor's Square 16 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Betty Elaine Smith, Eastern Illinois University

8:00 Walli Ann Wisniewski, Shippensburg University Of Pennsylvania, *Jewish versus non-Jewish immigration patterns into Argentinian cities*

8:20 Linda Elizabeth Quiquívix, California State University, Northridge, *A Study of Guatemalan Transnationalism*

8:40 Betty Elaine Smith, Eastern Illinois University, *Migration of Ecuadorians from an Institutional Perspective*

2117. Becoming an Academic Human Geographer (Sponsored by Graduate Student Affinity Group, Urban Geography Specialty Group)

Room: Governor's Square 17 (Panel Session)

ORGANIZER(S): Daniel Trudeau, University of Colorado; Rebecca Theobald, University of Colorado - Boulder

CHAIR(S): Daniel Trudeau, University of Colorado

Panelists: Peter B. Nelson, Middlebury College; Anita Drever, University of Tennessee; Eric J. Fournier, Samford University; Breandán Ó HUallacháin, Arizona State University; Ronald V. Kalafsky, University of North Carolina-Charlotte

2118. Cultural and Political Geographies of Identity and Representation in Continental Europe 1 (Sponsored by European Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Plaza Ballroom A (Paper Session)

ORGANIZER(S): Mr. Jude Rost; William T. Courtenay, University Of Wisconsin - Madison

CHAIR(S): Mr. Jude Rost

8:00 Mr. Frans Schrijver, University of Amsterdam, *Regionalism after Regionalisation in Europe: Regional identities, political space and political mobilisation.*

8:20 Erik Prout, Texas A&M University, *Seeing beyond the Swiss border: transnational reconstitution of regions and identities.*

8:40 Mr. Henry Sivak, *Narratives of citizenship and nationality: the French nationality code in the 1980s and 1990s.*

9:00 Kimberly Coulter, University of Wisconsin, *Good Bye, Lenin!: A tale of a unified Germany, for a unified Europe*

9:20 Mr. Christian Yeomans, University of Wales, Aberystwyth, *(re)Placing Societal Co-ordination in Post-Socialist Europe: Grounded Perspectives on Governance from Berlin, the City that Isn't*

2119. Terrorism Responses and Mapping

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James M. Kendra, University Of North Texas

8:00 Ute J. Dymon, Kent State, *Development of Emergency and Hazard Mapping Symbolology Standards*

8:20 Matthew Hidek, Syracuse University, *Urban Antiterrorism Planning : A Geospatial Intelligence Approach*

8:40 Philippe Le Billon, University of British Columbia, *Consumption and petro-imperialism in the landscape of terror*

9:00 Robert McNally, University Of North Carolina - Charlotte, *An Object-Oriented Method for Representing and Visualizing Interdependencies across Critical Infrastructure Layers*

9:20 James M. Kendra, University Of North Texas, *Storming the Barricades: Post-disaster Convergence as Locational Conflict*

2120. Modeling and Spatial Analysis of Vegetation with Remote Sensing

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Honglei Zhu, Clark University

8:00 Jonathan Thayn, *Using Remotely Sensed Data and Rangeland Biocomplexity Metrics to Understand Cattle Population Dynamics in 17 Western US States*

8:20 Lihong Su, Montclair State University, *Determine on advisable spatial scale of geometric-optical model application*

8:40 Andrey N Petrov, University of Toronto, *Monitoring and Modeling Cropland Loss in Rapidly Growing Urban and Depopulating Rural Counties of Iowa, USA Using Remotely Sensed Data and GIS*

9:00 Mr. Hongliang Fang, *Comparison of temporal filters for generating continuous biophysical product*

9:20 Honglei Zhu, Clark University, *Fourier Analysis and Prediction of Temporal NDVI Data in Southern African Continent*

2121. Mapping Humanity's Knowledge and Expertise in the Digital Domain I (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): André Skupin, University of New Orleans; Katy Borner, Indiana University

CHAIR(S): Katy Borner, Indiana University

8:00 Ms. Deborah MacPherson, *Accuracy & Aesthetics, Sharing Symbols, Layers, and Keys in Our New Connected Age*

8:20 Mr. Elijah Wright, *Visualizing the Semantic Web*

8:40 Kevin Boyack, Sandia National Laboratories, *Mapping All of Science and Technology at the Paper Level*

9:00 Rui Carvalho, University College London, *The Geography of GeoScience Co-Authorship Networks*

9:20 André Skupin, University of New Orleans, *Building a multi-year database of AAG conference abstracts*

2122. American Geography and Global Geopolitics: Early Twentieth Century Origins (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Historical Geography Specialty Group)

Room: Plaza Ballroom E (Paper Session)

ORGANIZER(S): Jeremy Crampton, Georgia State University; Michael Heffernan, University of Nottingham

CHAIR(S): Matthew Farish, University of Toronto

8:00 Jeremy Crampton, Georgia State University, *Not Justice, But Things for Them: How the 1919 Paris Peace Conference Redrew the Global Political Map*

8:20 Scott Kirsch, University of North Carolina, *The Interior and the Insular: 1898 and the National Map*

8:40 Michael Heffernan, University of Nottingham *Geography, propaganda and war: American geography and World War One*

Discussant(s): Susan Schulten, University of Denver

2123. Gender and Sexuality

Room: Plaza Ballroom F (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Damon Scott

8:00 Sutapa Chatopadhyay, Kent State University, *Narrating the everyday spaces of Gendered Migrants observing their lived experiences in the Sardar Sarovar, India*

8:20 Ms. Lily Ray, Clark University, *Gendered Livelihoods in Transition: The impact of international organizations on womens access to resources and employment in Tajikistan*

8:40 Corrie Drummond, *The changing concepts of motherhood and family for Salvadoran immigrant women living in the Washington, DC metropolitan area*

9:00 Ranjana Chakrabarti, University of Illinois-Urbana Champaign, *Place, culture and experiences of prenatal care: Bengali immigrant women in New York City*

9:20 Damon Scott, *Imagining a Gay Colony for a New Breed of Homosexuals: The Roots of Contemporary Gay Urbanism*

2124. Sexy Spaces: Closets and Community (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Director's Row E (Paper Session)

ORGANIZER(S): Kath Browne, University of Brighton; Tiffany K. Muller, University Of Minnesota

CHAIR(S): Kath Browne, University of Brighton

8:00 Farhang Rouhani, Mary Washington College, *Spaces of longing, places of belonging: Queer muslims in the US*

8:20 Mr. Robert S.L. Lidstone, Simon Fraser University, *The "In's and Outs" of Queer Asylum: A Geography of Refugee Closets*

8:40 Begum Basdas, *"Not yet&": lesbian mobilities and activism in Istanbul*

9:00 Tiffany K. Muller, University Of Minnesota, *Contested Spaces of Women's Basketball*

Discussant(s): Kath Browne, University of Brighton

2125. Organizations and Ethics 1 (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: Director's Row F (Paper Session)

ORGANIZER(S): David Land, University Of Bristol; Malcolm P. Cutchin, University of Texas Medical Branch

CHAIR(S): Sarah Hall

8:00 Nick Clarke, University Of Bristol, *The business of ethics: Ordinary ethics, theories of practice, and organic vegetables*

8:20 Marcia England, University Of Kentucky, *'Positive displacement' or geography of nowhere?: Community constructions of public space*

8:40 David Land, University Of Bristol, *Geographies of Charity: Organizations, Ethics and Giving*

9:00 Janet Atkinson-Grosjean, University of British Columbia, *Organizational ethics at the research boundary: the case of genomics in Canada*

Discussant(s): Jeff Popke, East Carolina University

2127. 40 Years of Building Geographic Education: Session in Honor of John E. "Jack" Benhart (Sponsored by Regional Development and Planning Specialty Group)

Room: Director's Row H (Panel Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg University; Jennifer Yongmei Pomeroy, University of Maryland

CHAIR(S): William C. Rense

Introduction: Samuel Thompson, Western Illinois University

Introduction: John Benhart, Jr., Indiana University

Discussant(s): George M. Pomeroy, Shippensburg University

Panelists: Mary M. Graham, York College of Pennsylvania; Diane M. Stanitski, NOAA - Office Of Global Programs; Jan Smith, Shippensburg University; Christopher Spahr; Debnath Mookherjee, Western Washington University; Ashok K. Dutt, University Of Akron; William C. Rense; Kay Williams, Shippensburg University

2130. Comparative Urban Spatial Segregation (International Perspective) (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Tower Court A (Paper Session)

ORGANIZER(S): Emily H. Skop, The University Of Texas at Austin; Mr. Paul Peters, University Of Texas

CHAIR(S): Pierpaolo Mudu, Universita di Roma

8:00 Emily H. Skop, The University Of Texas at Austin, *Chain Migration and Residential Segregation in the Mesoregion of São Paulo, Brazil*

8:20 John R. Weeks, San Diego State University, *Residential Segregation as a Predictor of Intra-Urban Health Inequality in Accra, Ghana*

8:40 Youqin Huang, SUNY - Albany, *Collectivism, Political Control and Gated Communities in Chinese Cities*

9:00 William Clark, University Of California - Los Angeles, *Race and Suburbanization: Mobility Outcomes for African Americans*

9:20 James Forrest, Macquarie University, *The 'American model' and the spatial assimilation of migrant groups in Australian EthniCities*

2131. 'Priorities' in Teaching Economic Geography I (Sponsored by Economic Geography Specialty Group)

Room: Tower Court B (Panel Session)

ORGANIZER(S): Henry WC Yeung, National University of Singapore; Mr. Neil Coe, University of Manchester

CHAIR(S): Mr. Neil Coe, University of Manchester

Introduction: Mr. Neil Coe, University of Manchester

Discussant(s): Mr. Neil Coe, University of Manchester

Panelists: Trevor J. Barnes, University Of British Columbia; Harald Bathelt, University Of Marburg; George Lin, University of Hong Kong; Weidong Liu, Chinese Academy of Sciences; James T. Murphy, University of Richmond

2132. Internet GIS and Web Services

Room: Tower Court C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rafael Moreno, University Of Colorado

8:00 Hyun Kim, Ohio State University, *Enhancing the network performance of the commercial Internet*

8:20 Michael Cooper, Swiss Federal Institute of Technology, *The Role of Cartography within Distributed Software Systems; What can we contribute? How can we prosper?*

8:40 Genong Yu, George Mason University, *Design patterns for chaining geospatial webservices*

9:00 Bin Li, Central Michigan University, *Workflow Representation and Management in Distributed Geographic Information Services*

9:20 Rafael Moreno, University Of Colorado, *Teaching Internet GIS: Challenges and opportunities.*

2133. Cartographic Representation and Geospatial Techniques

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Cindy Brewer, Penn State

8:00 Ms. Katherine Joseph, *Land Use Classification in the Amazon Region of Brazil Using Interannual Landsat Imagery*

8:05 Zhixiao Xie, Florida Atlantic University, *Issues on using variogram in remote sensed image processing*

8:10 Ms. Amie Dickinson, *Visualizing Cultural Landscape Changes in Ireland*

8:15 Juergen Clemens, University Of Heidelberg, *The War Against Terrorism in Afghanistan and the Power of Maps: A Critical Review of German News Maps*

8:20 David Cook, Northern Michigan University, *Easing Easements with GIS*

8:25 Cindy Brewer, Penn State, *Cartograms in Action: Electoral College Mapping used during the 2004 Election*

2134. Energy Issues

Room: Grand Ballroom 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dalia Abbas, University of Minnesota

8:00 Mr. Richard Kuhn, *Nuclear Fuel Waste Policies in Canada and Sweden: Local Power and Siting*

8:20 Juha I. Uitto, United Nations Development Programme/Global Environment Facility, *Dilemmas of Sustainable Energy for Remote Regions: The Case of Small Hydrel in the Indian Himalayas*

8:40 Dalia Abbas, University of Minnesota, *Burning trees for energy and alternative markets from trees and energy sources.*

2135. Urban Climatology

Room: Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): S. Jeffrey Underwood, Nevada Climate Office - University of Nevada

8:00 Karl K. Leiker, Westfield State College, *Meteorological and climatological factors involved in the high heat-related mortality of the European 2003 heat wave*

8:20 Matthew Alan Lord, Arizona State University, *There'll Be a Hot Time in the New Town Tonight: A Spatio-Temporal Study of the Urban Heat Island in a Rapidly Urbanizing Region*

8:40 Soma Dasgupta, Texas A&M University, *Determination of Urban Heat Island of Houston, TX from in-situ data and aircraft observation*

9:00 Jennifer R Cox, Regional Plan Association / Hunter College, *Suburbanization, Sprawl, and Heat Islands: A Case Study of Suburban New Jersey*

9:20 S. Jeffrey Underwood, Nevada Climate Office - University of Nevada, *Cloud-to-Ground Lightning Flashes and Flash Flood Warnings in the Denver Metropolitan Area*

2136. Boundaries-in-the-making (Part 1): Critical perspectives on national borders (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group)

Room: Colorado (Paper Session)

ORGANIZER(S): Emma Spenner Norman, University of British Columbia; Bonnie Kaserman, University Of British Columbia

CHAIR(S): Bonnie Kaserman, University Of British Columbia

8:00 James Derrick Sidaway, National University Of Singapore, *World City frontiers: Singapores hinterland and the contested socio-political geographies of Bintan, Indonesia.*

8:20 Juliet Fall, UBC, *Confusing the nature of boundaries and the boundaries of nature*

8:40 Stuart Elden, University Of Durham, *Unnatural Boundaries? Measuring Places in 17th Century France*

9:00 Emma Spenner Norman, University of British Columbia, *Nature-Culture at the Border: Reifying nationalism through transboundary environmentalism*

9:20 Anneliese Vance, University at Buffalo, *Borderlands: The dynamics of scale along the Canada US Border*

2137. Hydroclimatology I: Climate variability and land surface response (Sponsored by Water Resources Specialty Group, Climate Specialty Group)

Room: Silver (Paper Session)

ORGANIZER(S): Rezaul Mahmood, Western Kentucky University

CHAIR(S): Rezaul Mahmood, Western Kentucky University

8:00 Gregory J. McCabe, United States Geological Survey, *Decadal and Multi-Decadal Scale Variability of Global Annual Palmer Drought Severity Index Values*

8:20 Michael A. Palecki, Midwestern Regional Climate Center, *Multi-decadal Variability of the Level of Great Lakes Michigan and Huron*

- 8:40 Andrew Ellis, Arizona State, *A Weighted Hydroclimatic Index for Drought Monitoring*
- 9:00 David A. Howarth, Univ of Louisville, *Using a Water Balance Model to Detect Hydroclimatological Change in Kentucky*
- 9:20 Mark R. Read, US Military Academy - West Point, *Influence of the North Atlantic Oscillation on Streamflow in the Chesapeake Bay Watershed*

2138. A Politics of Place: Exploring settler-state landscapes for evidence of Indigenous self-determination (Sponsored by Socialist and Critical Geography Specialty Group, Indigenous Peoples Specialty Group)

Room: Gold (Paper Session)

- ORGANIZER(S): Jay T. Johnson, University of Canterbury
 CHAIR(S): Brian J. Murton, University of Hawaii
- 8:00 Jay T. Johnson, University of Canterbury, *Waitangi: a bicultural landscape*
- 8:20 Joseph H. Bryan, University of California, Berk, *Implementing Awas Tingni: Maps, Human Rights and Neoliberal Multiculturalism*
- 8:40 Steve Smith, Missouri Southern State University, *Hemp for Sovereignty: geographic scale and the recognition of Lakota sovereignty*
- 9:00 Sunny Stevens, *Protecting Land Rights in Belize: Identifying Obstacles to Mapping Indigenous Territory*
- 9:20 Ms. Sara Kindon, *River Travel, Relations and Tino Rangatiratanga: Exploring Indigenous Self-determination in Aotearoa/New Zealand*

2139. Student Paper Competition I (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Century (Paper Session)

- ORGANIZER(S): Fahui Wang, Northern Illinois University
 CHAIR(S): Fahui Wang, Northern Illinois University
- 8:00 Michaela Buenemann, University Of Oklahoma, *Modeling the Spatio-Temporal Dynamics of Woody Plant Encroachment Through an Integrative Remote Sensing, GIS, and Spatial Modeling Approach*
- 8:18 Eric Delmelle, University at Buffalo, *Improving second-phase spatial sampling designs using covariate information*
- 8:36 Qian Yu, *Spatial Modeling of Classification Uncertainty in an Object-based Vegetation Mapping*
- 8:54 Sivagurunathan Chinniah, *Effectiveness of using Wavelet Transform in Content-Based Image Retrieval*
- 9:12 Zhijun Zou, *Modeling and Simulating Vegetation Distribution Using Agent-Based Modeling in a GIS Environment*
- Discussant(s): Lan Mu, University Of Illinois

2140. Remote Sensing and GIS For Estuarine and Coastal Ecosystem Analysis (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group, Remote Sensing Specialty Group)

Room: Spruce (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State University; Luoheng Han, Univ of Alabama

CHAIR(S): Xiaojun Yang, Florida State University

8:00 Luoheng Han, Univ of Alabama, *Estimating and Mapping Chlorophyll Concentration in the Gulf of Mexico Using Remote Sensing Techniques*

8:20 Mr. Deepak Mishra, *Benthic Habitat Mapping Using QuickBird Imagery: A Case Study at Roatan Island, Honduras*

8:40 Tuxen Karin, *Pattern metric response to changing grain size and post-classification smoothing method: What is the appropriate scale to quantify salt marsh vegetation?*

9:00 Xiaojun Yang, Florida State University, *Linking Estuarine Water Quality Indicators with Watershed Landscape and Socio-Economic Metrics Using GIS and Spatial Modeling Techniques*

2141. Emerging Themes in Political Ecology I: GIS (Sponsored by Cultural and Political Ecology Specialty Group, Geographic Information Science and Systems Specialty Group, Regional Development and Planning Specialty Group)

Room: Denver (Paper Session)

ORGANIZER(S): Brian King, University of Texas at Austin; Daniel Weiner, West Virginia University

CHAIR(S): Brian King, University of Texas at Austin

8:00 Brian King, University of Texas at Austin, *Mapping livelihoods in the former KaNgwane homeland, South Africa*

8:20 Robin Roth, York University, *From Cartesian Space to Dwelling Space: the potential of GIS to address the counter-mapping dilemma*

8:40 Brent McCusker, West Virginia University, *Political Ecologies of Land Use Change*

9:00 Kevin St. Martin, Rutgers University, *GIS and the (Re)production of a Fisheries Commons*

Discussant(s): Paul Robbins, University of Arizona

2145. Urban Issues

Room: Captiol (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Eran Razin, Hebrew University

8:00 James A. Hanlon, Bowling Green State University, *The Neoliberal Bulldozer: Urban Revitalization and the Fate of Public Housing*

8:20 Charles M. Croner, Natl Center for Health Statistics, *The Public Health Burden of Cleveland's African American Community*

8:40 Mr. Ryan Douglas Weichelt, University of Nebraska, *Focus Group Interviews in a Southern United States City: Public Perceptions of the Police*

9:00 Eran Razin, Hebrew University, *Dismantling the Israeli Welfare State: Metropolitan Implications*

9:20 Mr. Jean-François Doulet, *The Automobile in the Evolution of Urban Mobility in Beijing, China*

2146. Creation of Space and Social Conflict

Room: *Columbine* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Arnon Golan, University Of Haifa

8:00 Caro Harper, Syracuse University, *Seen but not Heard?: Young People and the Politics of Toronto's Public Space*

8:20 Trushna Parekh, University of Texas, Austin, *Contesting Space in the Privatized City: A Case Study from Houston's Galleria*

8:40 Paul R Watts, Louisiana State University, *Protest and Performance at the 2004 Republican National Convention in New York*

9:00 Maoz Azaryahu, University Of Haifa, *Contested Beachscapes. Tel Aviv in the 1930s*

9:20 Arnon Golan, University Of Haifa, *Soundscapes of Urbanization: the Case of Tel Aviv in the 1930s*

2147. Capitalist "Accumulation by Dispossession" and the Rise of Resource Populisms

Room: *Terrace* (Panel Session)

ORGANIZER(S): Wendy Wolford, University Of North Carolina at Chapel Hill

CHAIR(S): Wendy Wolford, University Of North Carolina at Chapel Hill

Introduction: Wendy Wolford, University Of North Carolina at Chapel Hill

Panelists: Thomas A. Perreault, Syracuse University; Byron A. Miller, University of Calgary; James McCarthy, Pennsylvania State University; Scott Prudham, Department of Geography, University Of Toronto; Julie Guthman, Univ of California Santa Cruz; Aaron Bobrow-Strain, Whitman College

2148. Theorising Other Childhoods in a Globalised World 1: Global transformations and everyday childhood

Room: *Savoy* (Paper Session)

ORGANIZER(S): Louise Holt, Brighton University; Sarah L. Holloway, Loughborough University

CHAIR(S): Louise Holt, Brighton University

8:00 Kathrin Hoerschelmann, University of Plymouth, U.K., *Performing gender and the globalisation of youth culture*

8:20 Deborah Sporton, University of Sheffield, *Post-conflict Identities: Practices and Affiliations of Somali Refugee Children*

8:40 Dr. Tracey Skelton, Loughborough University, *Caribbean Childhoods in the 21st Century: Citizenship, Identity and Belonging*

9:00 Meghan Cope, SUNY-Buffalo, *Absorbing the costs of economic globalization and political fragmentation: Children in disinvested neighborhoods of Buffalo, NY.*

9:20 Kari Bolstad Jensen, Pennsylvania State University, *Why do not all the children in Dhaka, Bangladesh, go to school?*

2149. Water Resources

Room: *Majestic Ballroom* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Sonya Glavac, Arizona State University

8:00 Mr. Nathan Green, University of Northern Iowa, *Spatial and Temporal Dynamics of Water Quality in Iowa Lakes using Hyperspectral Remote Sensing Data*

8:20 Patrick Jantz, University of California, *Urbanization and the Loss of Resource Lands in the Chesapeake Bay Watershed*

8:40 John Hasse, Rowan University, *Integrating Watershed Protection with Transfer of Development Rights to Achieve Smarter Growth*

9:00 Kelli Larson, *Residents Attitudes toward Water Resource Protection in the Johnson Creek Watershed of Metropolitan Portland, Oregon*

9:20 Dr. Sonya Glavac, Arizona State University, *Patterns of Development Around Large Scale Reservoirs in the Ozarks: The Differences between Private and Government-Owned Lakes*

2150. Advances in Paleoclimatology I: Quantitative, multiproxy, and novel approaches to climate reconstruction (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Cryosphere Specialty Group)

Room: *Vail* (Paper Session)

ORGANIZER(S): Kevin John Anchukaitis, University of Arizona; Kurt F. Kipfmüller, University of Minnesota

CHAIR(S): Prof. Bryan Shuman, University of Minnesota

8:00 Thomas Minckley, Indiana State University, *Modern pollen distribution and environmental relations in western North America*

8:20 Valery J. Terwilliger, University of Kansas, *Calibrating Carbon and Nitrogen Stable Isotopic Compositions of Soil Organic Matter to Reconstruct Past Environments in Ethiopia*

8:40 Katrina Moser, University of Utah, *Determining Past Environmental and Climate Conditions using Statistical Analysis of Diatom Data*

9:00 Eugene Wahl, *Robustness of spatial climate reconstructions—Real World and Virtual (climate model) World*

9:20 Jack W. Williams, University Of Wisconsin - Madison, *Modern Pollen-Climate-Vegetation Relationships in the US and Canada*

2151. Renewable energy and popular social perspectives: Studies in renewable energy and sustainability

Room: *Tower Exhibit Area* (Paper Session)

ORGANIZER(S): Roberto J. Serralles, University of Oregon

CHAIR(S): Roberto J. Serralles, University of Oregon

8:00 Dan Wei, *Energy issues in China: towards more sustainable development*

8:20 Steve Prager, University of Wyoming, *Conditional Sustainability*

8:40 William Y. Osei, Algoma University College, *The Modified Taungya System: Forests and Rural Sustainability in Ghana*

9:00 James Eflin, Ball State University, *Growing Our Way to Kyoto? A Spatial Analysis of Biofuel Potential for Indiana*

9:20 Mike Pasqualetti, Arizona State University, *Renewable Energy in Arizona: Prospects and Barriers*

10:00 a.m. - 11:40 a.m.

2201. Applications of Spatial Data Mining and Visualization Techniques (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: *Plaza Court 1 (Paper Session)*

ORGANIZER(S): David Wong, George Mason University

CHAIR(S): James E. Burt, University of Wisconsin-Madison

10:00 James E. Burt, University of Wisconsin-Madison, *Spatial Data Mining for Predictive Soil Modeling*

10:20 Jonathan P. Schroeder, University of Minnesota - Twin Cities, *Challenges and new possibilities for visual exploration of historical U.S. census data*

10:40 Jun Yan, Western Kentucky University, *Spatio-temporal data mining in US domestic airline market using Self-organizing Maps*

11:00 Vince Breneman, USDA-Economic Research Service, *Developing a Data Visualization platform for Agricultural Economic and Demographic data*

Discussant(s): David Wong, George Mason University

2202. Landsurface - Atmosphere Interactions II and Urban Climate I (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Remote Sensing Specialty Group)

Room: *Plaza Court 2 (Paper Session)*

ORGANIZER(S): A. John Arnfield, Ohio State University; Constance Brown

CHAIR(S): Constance Brown

10:00 Lesley-Ann Dupigny-Giroux, University of Vermont, *Using MISR Data for Monitoring Surface Moisture*

10:20 Mr. Nathaniel Brunsell, University of Kansas, *Quantifying the dominant time scales of land-surface precipitation feedbacks*

10:40 Ivan Cheung, George Washington University, *Quantifying the influence of building structures and trees on the surface urban heat island.*

11:00 Fei Chen, National Center For Atmospheric Research, *Precision Weather Forecast for Complex Urban Areas*

11:20 Jennifer Salmond, University Of Birmingham, *Vertical distribution and transport of particulate pollution in Toulouse, France*

2203. Geospatial Tools for Watershed Management (Sponsored by Water Resources Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Ms. Holly Neill, James River Basin Partnership; L. Monika Moskal, Southwest Missouri State University

CHAIR(S): Ms. Holly Neill, James River Basin Partnership

10:00 Mr. DJ Wurglitsh, *Environmental Assessment of Jordan Creek Watershed using Bed Sediment Quality and Macroinvertebrate Indices, Springfield Missouri*

10:20 M. Sayeeduzzaman, University of Iowa, *The Application of a Java-Based Hydrological Model for Modeling Fire-Impacts on Stream Runoff in a Mountain Watershed*

10:40 Eric Sproles, University Of Oregon, *Incorporating hydrologic and geomorphic processes in river restoration*

11:00 Jay Parsons, *Benefits and limitations of watershed modeling with cellular automata theory*

11:20 Ms. Mindi Sheer, *Conflation of aquatic habitat data to link stream and landscape features*

2204. Cultural and Political Ecologies of Water Resources and Services (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): Cyrus Reed, University Of Texas - Austin

CHAIR(S): Cyrus Reed, University Of Texas - Austin

10:00 Cyrus Reed, University Of Texas - Austin, *Liquid Discourses: Agricultural Water Use, Conservation and Conversations in the Conchos Basin, Chihuahua in a Time of Drought and Free Trade*

10:20 Sharon Moran, State Univ. of New York - Environmental Science and Forestry, *From toilet to tap: regulatory strategies for septic systems*

10:40 Jennifer L Rice, The Ohio State University, *Something Stinks: Sewer Overflows, Environmental Activism, and the Politics of Wastewater Management*

2205. Behavioral Geography

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christine Milligan, Lancaster University

10:00 Jingjing SHI, *Exploring crowd dynamics in Large-Scale Outdoor Planned Special Events*

10:20 Ms. Yuk-Ting Fion Law, Hong Kong Baptist University, *Discretionary activity and travel time use patterns in Hong Kong*

10:40 Seo Wonseok, *Exploring factors of housing environment using residential satisfaction*

11:00 Margareta Rångård, Lunds University, *Existential crises and place security: The power of place in the context of pregnancy*

11:20 Christine Milligan, Lancaster University, *From home to home: situating emotions within the care-giving experience*

2206. Spatial Modeling

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Yongmei Lu, Texas State University - San Marcos

10:00 Jonghoon Lee, *A Bayesian Learning Model for Content Based Geographic Image Retrieval based on Spatial Continuity and Discontinuity Approaches*

10:20 Yanlin Ye, University Of Connecticut, *The Design of an Online Server for Location-Allocation Modeling*

10:40 Mr. Victorino Bato, *Utilizin Landsat.org Technology to Develop a Spatial Decision Support Systems*

11:00 Justin Holman, *The Nomad Index*

11:20 Yongmei Lu, Texas State University - San Marcos, *Scale Issue in Cluster Correspondence between Paired Point Sets*

2207. Asian Culture, Economic Development, and Environmental Sustainability

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Patrick H. Buckley, Western Washington University

10:00 Valerie Vaughn, *The demography of Tibetan Buddhism in three North American cities*

10:20 Justin Jacobson, University Of Minnesota, *Time and the Ainu: Japanese nation-building and the conceptualization of difference*

10:40 Daniel Smith, *The modern production of antimodern space: A history of environmental regionalism in the Northern Forest of New England and New York*

11:00 Patrick H. Buckley, Western Washington University, *Social Entrepreneurship and sustainable development Hokkaido, Japan and the US Pacific Northwest*

11:20 Mr. John Felkner, *Simulation of Structural Economic Models in a GIS Context*

2208. Vegetation Patterns in Disturbed Landscapes

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Karen S. Eisenhart, Edinboro University of Pennsylvania

10:00 Gordon Robertson, UW - Madison, *Environmental legacy of pre-19th century agriculture, Knoydart, Scotland.*

10:20 Bronwyn Sigrid Owen, University of Colorado, *Modified biotic interactions at meadow edges in southern Sweden: the influence of site factors.*

10:40 Yi-Chen Wang, National University of Singapore, *Forest Landscape Patterns of Western New York circa 1800 AD*

11:00 Robert A Chastain, Jr., Univ of Missouri Dept of Forestry/United States Geological Survey, *Evergreen Understory Vegetation of the Central Appalachian Highlands: Distribution and Ecosystem Effects*

11:20 Karen S. Eisenhart, Edinboro University of Pennsylvania, *Topographic variation and stand development patterns in pinyon pine-juniper woodlands of western Colorado*

2209. The Role of a Field Exam in Geographic Education (Sponsored by Graduate Student Affinity Group, AAG Commission on College Geography, Geography Education Specialty Group)

Room: Governor's Square 9 (Panel Session)

ORGANIZER(S): Timothy W Hawkins, Shippensburg University; Alex Oberle, Arizona State University

CHAIR(S): Wendy Bigler, Southern Illinois University Carbondale

Discussant(s): Karl Birkeland, USDA Forest Service Nat'l Avalanche Center; Kevin E. McHugh, Arizona State University; Emily H. Skop, The University Of Texas at Austin; Adam W. Burnett, COLGATE UNIVERSITY

2210. Resource Geographies after the Cultural Turn (Sponsored by Economic Geography Specialty Group, Energy and Environment Specialty Group, Cultural Geography Specialty Group)

Room: Governor's Square 10 (Panel Session)

ORGANIZER(S): Dragos Simandan, Brock University

CHAIR(S): Dragos Simandan, Brock University

Discussant(s): CLIVE BARNETT

Panelists: Gavin Bridge, Syracuse University; Dragos Simandan, Brock University; Jacque L. Emel, Clark University; Trevor J. Barnes, University Of British Columbia

2211. Amazon and Environment - II (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)

Room: Governor's Square 11 (Paper Session)

ORGANIZER(S): Antoinette Winklerprins, Michigan State University; Cynthia Simmons, Michigan State University

CHAIR(S): Stephen Aldrich, Michigan State University

10:00 Joseph P. Messina, Michigan State University, *The African Palm Landscape: Agricultural Intensification and Extensification in the Ecuadorian Amazon*

10:20 Marcellus Caldas, Michigan State University, *The Role of Social Process and Assentamentos Development in Deforestation in the Brazilian Amazon.*

10:40 Cynthia Simmons, Michigan State University, *Brazils Direct Action Land Reform: Spatial Dynamics and Environmental Implications*

11:00 Eugenio Y. Arima, Michigan State University, *Modeling logging road building in the Amazon: a two-step optimization GIS model*

11:20 Antoinette Winklerprins, Michigan State University, *A View from the Farm: Agricultural (Dis) Intensification on the Floodplain of the Amazon River*

2212. Urban Neighborhoods and Businesses

Room: Governor's Square 12 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Noemi Mendez, US Census Bureau

10:00 Wah Ler Sein, SUNY Buffalo, *The Role of Negative Urban Environmental Quality in Neighborhood Vitality*

- 10:20 Ms. Barbara Elizabeth Cates, University of Oregon, *Behind the Industrial Façade: An Exploration of Portland, Oregon's Pearl District.*
- 10:40 Derek T. Robinson, *Mapping Heterogeneity Levels & Neighborhood Similarity in an Urban ABM*
- 11:00 Timothy Leslie, Arizona State University, Tempe, *Spatial Associations and Distributions of Businesses in the Phoenix Metropolitan Area*
- 11:20 Noemi Mendez, US Census Bureau, *Neighborhoods: Surveying the Possibilities*

2214. Labors of Love: Parenting, Gender and Work in Academia and Beyond

Room: Governor's Square 14 (Panel Session)

- ORGANIZER(S): Wendy Wolford, University Of North Carolina at Chapel Hill
 CHAIR(S): Wendy Wolford, University Of North Carolina at Chapel Hill
 Introduction: Wendy Wolford, University Of North Carolina at Chapel Hill
 Panelists: Deborah G. Martin, Clark University; Dianne E. Rocheleau, Clark University; Julie Guthman, Univ of California Santa Cruz; Richard A. Wright, Dartmouth College; Elizabeth C. Dunn, University Of Colorado - Boulder; Becky Mansfield, Ohio State University; Brenda Parker, University Of Wisconsin-Madison

2215. Electoral Geography

Room: Governor's Square 15 (Paper Session)

- ORGANIZER(S): Program Committee
 CHAIR(S): Ronald R. Schultz, Florida Atlantic University
 10:00 J Miguel Kanai, *Urban Politics in a Globalizing City of the South: Mayoral Elections in Buenos Aires, Argentina*
 10:20 Fiona M. Davidson, University Of Arkansas, *Disillusionment, Protest or Business as Usual: The 2004 EU vote*
 10:40 Ian Feinhandler, *Hills and Plains: The Electoral Geography of the BJP in Uttar Pradesh, India, 1991*
 11:00 Corey Johnson, *'Young, undereducated, and unemployed': The geography of the vote for the ultra-right in Saxony, Germany*
 11:20 Ronald R. Schultz, Florida Atlantic University, *City Commission Election Districts: Geographic Rationality and Reality*

2216. Pushing European Boundaries (Sponsored by European Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Governor's Square 16 (Paper Session)

- ORGANIZER(S): Pauliina Raento, University of Minnesota & Academy of Finland; Steven Flusty, Department Of Geography, York University
 CHAIR(S): Steven Flusty, Department Of Geography, York University
 10:00 George W. White, Jr, Frostburg State University, *Conceptions of Natures Role in Boundary Delineation*
 10:20 Jouni Hakli, University of Tampere, *Boundaries of trust: nationalizing social capital*
 10:40 Pauliina Raento, University of Minnesota & Academy of Finland, *Stomaching Change: The Finns and Food in the European Union*

11:00 Steven Flusty, Department Of Geography, York University, *Tallijuana: A Stroll through the Exurbs of Empire*
 Discussant(s): Guntram Herb, Middlebury College

2217. Rethinking Cosmopolitan Identities

Room: Governor's Square 17 (Paper Session)

ORGANIZER(S): Colin Mcfarlane; Craig Jeffrey

CHAIR(S): Craig Jeffrey

10:00 Kate Edwards, University of Wales, Aberystwyth, *From Cosmopolitanism to Cosmopolindianism: The Imagining, Imaging and Territorialising of the Global Indian in India Today*©

10:20 Craig Jeffrey, *Between two worlds": the cultural politics of cosmopolitanism in north India*

10:40 Alex Jeffrey, *Yes! You can be European and Serbian: Cosmopolitanism commodified in post-conflict Bosnia*

Discussant(s): Colin Mcfarlane; Eleanore Kofman, Nottingham Trent University

2218. Cultural and Political Geographies of Identity and Representation in Continental Europe 2 (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Plaza Ballroom A (Paper Session)

ORGANIZER(S): Mr. Jude Rost; William T. Courtenay, University Of Wisconsin - Madison

CHAIR(S): William T. Courtenay, University Of Wisconsin - Madison

10:00 Adrian Ivakhiv, University of Vermont, *Nomadic identities in Europe's Central/Eastern borderlands*

10:20 Esther G. Long, University of Kentucky, *Totally Ukrainian or just Christian: regional, national, and transnational identity in contemporary Protestant Ukraine*

10:40 Mr. Jude Rost, *(De)centralizations of Power and Meaning: The Yugoslav Nationalities Question and the Symbolic Place of a Museum 1970 1990*

11:00 Steven Oluic, *Bosnias Landscape, Identity and an Uncertain Future*

11:20 Adam Moore, *Title: Ethnic Identity and Practices of Post-Conflict Reconstruction in Bosnia*

2219. The Spatial Analysis and Discourse of Disease

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thomas Koch

10:00 Stacey Martin, Georgia State University, *Cartography, Discourse, and Disease*

10:20 Theodora Pouliou, *Re-Analysis Of The Hamilton Cohort Study: Does Space Matter?*

10:40 Ms. Julia Keenan, *Connected materialities and spatialities of bodies at risk: households negotiating genetic blood disorders.*

- 11:00** Mr. Bruce Wildblood-Crawford, University of Canterbury, *Environmental justice, expert knowledge and contested histories: the politics of dioxins in Aotearoa/New Zealand*
- 11:20** Thomas Koch, *Health place, and air: Nineteenth century mapping the miasma of illness*

2220. Money, Property, Employment, and Perception in Europe, Past and Present

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wieslaw Michalak, Ryerson University

10:00 Ms. Angela Cacciarru, *Common Property in Sardinia (Italy)*

10:20 Dominique Moran, University of Birmingham, *Representing the Regime: Gemworking in the Material Culture of Stalinist Russia.*

10:40 John Western, Syracuse University, *Encounters in Strasbourg*

11:00 Sandra Kytir, *Foreign Direct Investment An (un)equal Relationship between Regions and Investors. Theoretical Reflections and a Case Study of Post-Socialist Slovakia*

11:20 Wieslaw Michalak, Ryerson University, *Globalization and regionalization in Central Europe: FDI in hypermarket chains in Poland*

2221. Mapping Humanity's Knowledge and Expertise in the Digital Domain II (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): André Skupin, University of New Orleans; Katy Borner, Indiana University

CHAIR(S): André Skupin, University of New Orleans

10:00 Colin Cooper, Oregon State University, *Building Spatial Metaphors for the Catalogue of Oregon Marine and Coastal Information*

10:20 Prof. Shannon Bradshaw, *Charting excursions through bioscience literature to create review articles on the fly*

10:40 Sara Irina Fabrikant, University Of California - Santa Barbara, *Testing the Urban Landscape Metaphor in Spatialization*

11:00 Mr. Peter Hook, Indiana University, *Knowledge Domain Visualizations for Education*

11:20 Katy Borner, Indiana University, *Maps of Knowledge and Expertise for the Masses*

2222. Native American Studies

Room: Plaza Ballroom E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Daniel G. Cole, Smithsonian Institution

10:00 Ms. Jennifer Tovar, *Implications for Petroform Associations within Fond du Lac County, Wisconsin*

10:20 Mr. Lawrence Bradley, *Paleontological Resource Dispossession from the Great Sioux Nation*

- 10:40 Mr. Paul A. Kelley, University Of Nebraska, Lincoln, *A Brief Geopolitical History of the Pipestone Quarries of Minnesota*
 11:00 Daniel G. Cole, Smithsonian Institution, *Native American Historical Land Tenure Analysis: Dynamic GIS versus Static Cartography*
 11:20 Edmund J. Zolnik, Binghamton University, *Native American Attachment to Place and Economic Development*

2223. Gender and the Developing World

Room: *Plaza Ballroom F (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sarah L. Jewitt, University of Nottingham

10:00 Kereen Reid, *Rural Poverty and Women's Perspectives in the Community of Fat Hogs Quarters, Hanover, Jamaica*

10:20 Morgan Windram, *The Colombian Drug Trade and Marxist Theory. Applying the concept of ailenation to female drug mules*

10:40 Ms. Meleia Egger, Michigan State, *The Spatial Elements of Womanhood in Akha Culture*

11:00 Ms. Rakhee Sonthalia, *Rural Women and Sustainable Water Management: An Example from a Village in India*

11:20 Sarah L. Jewitt, University of Nottingham, *Spatial agendas for decision-making in Jharkhand and Uttar Pradesh: the influence of place, class and caste on women's role in environmental management.*

2224. Sexy Spaces: Heteronormalising Space (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: *Director's Row E (Paper Session)*

ORGANIZER(S): Kath Browne, University of Brighton; Tiffany K. Muller, University Of Minnesota

CHAIR(S): Kath Browne, University of Brighton

10:00 Prof. Mark Worrell, *Mythic Space and Sexual Liberation*

10:20 Dr. Jo Little, University of Exeter, *De)Sexualised Spaces of the Rural*

10:40 Ms. Meredith Pilling, *Stall/ing Heterosexualization: Exploring the gendering and sexualization of public washrooms*

11:00 Jason K. Lim, University College London, *Heterosexualising the dancefloor: rhythm and territorialisation*

Discussant(s): Tiffany K. Muller, University Of Minnesota

2225. Organizations and Ethics 2 (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: *Director's Row F (Paper Session)*

ORGANIZER(S): David Land, University Of Bristol; Malcolm P. Cutchin, University of Texas Medical Branch

CHAIR(S): Sarah Hall

10:00 Cara Nine Birk, University of Arizona, *Justifying State Borders*

10:20 Andrew McGregor, *Organising human rights: beyond state-based campaigning?*

10:40 Martin Buttle, University of Birmingham, *21st Century Voices: C21VOX ethics, reconnection and participative education*

11:00 Hannes Gerhardt, University of Arizona, *The Genealogy of Genocide*

11:20 Sergei Shubin, University Of Saskatchewan, *Different understandings and ways of dealing with rural poverty in Russia and Ireland*

2227. Celebrating a Kaleidoscope of Geography Inquiry: Session in Honor of Ashok K. Dutt (Sponsored by Regional Development and Planning Specialty Group)

Room: Director's Row H (Panel Session)

ORGANIZER(S): Samuel Thompson, Western Illinois University; George M. Pomeroy, Shippensburg University

CHAIR(S): Allen G. Noble, University of Akron

Introduction: Christopher Cusack, Keene State College

Panelists: Clifton W. Pannell, University of Georgia; Yichun Xie, Eastern Michigan University; Prof. Baleshwar Thakur, Delhi School of Economics, Delhi University; Allen G. Noble, University of Akron; Debnath Mookherjee, Western Washington University; Pradyumna P. Karan, University Of Kentucky; Bimal Kanti Paul, Kansas State Univ; John E. Benhart, Shippensburg University; Frank J. Costa

2230. Comparative Urban Spatial Segregation (U.S. Perspective) (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Tower Court A (Paper Session)

ORGANIZER(S): Emily H. Skop, The University Of Texas at Austin; Mr. Paul Peters, University Of Texas

CHAIR(S): Mr. Paul Peters, University Of Texas

10:00 Valerie Ledwith, *Does Context Count? The Effect of Differences in School and Neighborhood Composition on Educational Attrition in Los Angeles*

10:20 Michael Poulsen, Macquarie University, *Is Los Angeles Different?*

10:40 Richard C. Jones, University Of Texas at San Antonio, *Cultural Diversity in a "Bi-cultural" City: Factors in the Location of Ancestry Groups in San Antonio*

11:00 Joe T. Darden, Michigan State University, *Black Residential Segregation and Black Concentrated Poverty*

2231. 'Priorities' in teaching economic geography II (Sponsored by Economic Geography Specialty Group)

Room: Tower Court B (Panel Session)

ORGANIZER(S): Henry WC Yeung, National University of Singapore; Mr. Neil Coe, University of Manchester

CHAIR(S): Henry WC Yeung, National University of Singapore

Discussant(s): Henry WC Yeung, National University of Singapore

Panelists: Bjorn T. Asheim, University of Lund, Sweden; Sharmistha Bagchi-Sen, SUNY-Buffalo; Dr. H. Lawton Smith, Coventry University; Nancy Ettlinger, Ohio State University; You-tien Hsing, University Of California at Berkeley; Juana Ibáñez, University of New Orleans

2232. Geography in Higher Education: Trends and Issues (Sponsored by Geography Education Specialty Group)*Room: Tower Court C (Panel Session)*

ORGANIZER(S): Robert M. Schwartz, Ball State University

CHAIR(S): Robert M. Schwartz, Ball State University

Introduction: Robert M. Schwartz, Ball State University

Panelists: Delphis Levia, University of Delaware; Jay D. Gatrell, Indiana State University; Robert M. Schwartz, Ball State University; Chris Mayda, Eastern Michigan University

2233. Environment: Trees and Stream*Room: Tower Court D (Illustrated Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jennifer A. Miller, West Virginia University

10:00 Thomas R. Vale, University of Wisconsin, *Biogeographers: Taxonomy, Retrospect, Prospect***10:05** Serena Aldrich, Texas A&M University, *Our Pappies Aint Burnin Th Woods No More: The Changing Fire Regimes of Table Mountain Pine Stands on Mill Mountain, VA***10:10** James P. Doerner, Univ Of Northern Colorado, *The late-Quaternary environmental history of the Elmali basin, southwest Turkey***10:15** James J. Hayes, Indiana University, *Spatial Structure of Regeneration and Understory Light in a Transitional Hardwood Forest of Western Indiana***10:20** Laura C. Kindsvater, University of California, Davis, *Restoration and conservation of the endemic island oak (*Quercus tomentella*) using a habitat approach***10:25** Mr. Richard Marcantonio, *Evidence for temperature-induced moisture stress in subalpine white spruce: Yukon Territory.***10:30** Stella Todd, *The Geography of Threatened and Endangered Taxa Sensitive to Mining Activities in the Coniferous United States***10:35** Tom Albright, SAIC/EROS Data Center and UW-Madison Zoology, *Explaining and predicting US/China invasive species distributions using statistical and machine learning tools***10:40** Jennifer A. Miller, West Virginia University, *A spatially explicit accuracy assessment of two predictive vegetation modeling methods***2235. Urban Environments and Land Use***Room: Grand Ballroom 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Michael Porter

10:00 Maction Katundu Komwa, *Exploring land-use choice in southern Malawi: Integration of socioeconomic and biophysical factors***10:20** Mang Lung Cheuk, University of Oklahoma, *Assessment of LiDAR data in building a 3D model of downtown Oklahoma City***10:40** Youngsinn Sohn, UMBC (University of Maryland Baltimore County), *Urban Ecosystem Mapping in Baltimore Area*

11:00 Peter John Marcotullio, United Nations University, *Drivers of urban environmental change in Asia and their impacts*

11:20 Michael Porter, *Race, Income and Air Quality*, New York City

2236. Boundaries-in-the-making (Part 2): Critical Perspectives on National Borders (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group)

Room: Colorado (Paper Session)

ORGANIZER(S): Emma Spenner Norman, University of British Columbia; Bonnie Kaserman, University Of British Columbia

CHAIR(S): Bonnie Kaserman, University Of British Columbia

10:00 Jody Decker, Wilfrid Laurier, *When the Border Doesn't Matter*

10:20 Glen Elder, University Of Vermont, *Warning, Construction ahead: Changing meaning on the US/Canadian border*

10:40 Ms. Joanna Long, UBC, *Border Anxiety in Palestine-Israel*

11:00 Reece Jones, University Of Wisconsin - Madison, *Sacred Cows and Thumping Drums: Claiming Territory in Pre-Partition Bengal*

11:20 Alexander C. Diener, Pepperdine University, *Competing Trajectories of Nationalization in a Nomadic Society: Mongols, Kazakhs, and Formation of a Mongolian Territorial Identity*

2237. Hydroclimatology II: Land Use Change, Atmospheric and Surface Hydrology, and Modeling (Sponsored by Water Resources Specialty Group, Climate Specialty Group)

Room: Silver (Paper Session)

ORGANIZER(S): Rezaul Mahmood, Western Kentucky University

CHAIR(S): Gregory J. McCabe, United States Geological Survey

10:00 Woonsup Choi, University of Illinois, *Modeling Hydrological Impacts of Anticipated Urban Growth in the Midwestern U.S.*

10:16 Rezaul Mahmood, Western Kentucky University, *Impacts of irrigation on regional-scale temperature in the Great Plains*

10:32 Daniel J. Leathers, University Of Delaware, *Deforestation and its Effects on Hydrology and Climate in the Central Appalachians*

10:48 Ryan Engstrom, San Diego State University, *Equifinality and sensitivity of a modified BIOME BGC model for predictions of evapotranspiration in Arctic ecosystems*

11:04 Bruce Anderson, Boston University, *The summertime atmospheric hydrologic cycle over the southwestern US*

11:20 Gina Henderson, *European snow cover extent variability*

2238. The Experimental Geographers IRoom: *Gold* (Paper Session)

ORGANIZER(S): Cmdr. Trevor Paglen, U.C. Berkeley

CHAIR(S): Cmdr. Trevor Paglen, U.C. Berkeley

10:00 Allan Pred, University Of California, Berkeley, *Hägerstrand Matters, Life(-Path) and Death Matters: Some Touching Remarks*10:20 Cmdr. Trevor Paglen, U.C. Berkeley, *Goatsucker: Stories from the Stealth Archives*10:40 Wendy Cheng, University of Southern California, *'What Is a Camp?' Rethinking Racialized Landscapes from Manzanar to Guantanamo*11:00 Dr. Derek Gregory, University of British Columbia, *Cities of dreadful night: Orientalism and occupation*11:20 Shiloh R. Krupar, University of California, Berkeley, *Where Eagles Dare***2239. Student Paper Competition II (Sponsored by Spatial Analysis and Modeling Specialty Group)**Room: *Century* (Paper Session)

ORGANIZER(S): Fahui Wang, Northern Illinois University

CHAIR(S): Fahui Wang, Northern Illinois University

10:00 Xinyue Ye, Eastern Michigan University, *Urban System Evolution, Modeling and Visualization: US Cities 1900-2000*10:18 Danlin Yu, University of Wisc. Milwaukee, *GIS and Exploratory Spatial Data Analysis of Regional Development in the Greater Beijing, from 1978-2001*10:36 Eun-hye Enki Yoo, *Area-to-point kriging prediction under boundary conditions*10:54 Mr. Richard Middleton, *The p-Median Planning Problem*11:12 Mr. Joshua Campbell, *Archaeological Predictive Model for the High Plains of Southwest Kansas*

Discussant(s): Mark W. Horner, Florida State University

2240. Culture, image, and neoliberal urban redevelopmentRoom: *Spruce* (Paper Session)

ORGANIZER(S): Richard Van Deusen, Syracuse University; Laam Hae, Syracuse University

CHAIR(S): Richard Van Deusen, Syracuse University

10:00 Ute Lehrer, Brock University, *Image Production and Socio-Spatial Polarization: Selling Cities In an Age of Neoliberal Urbanism*10:20 Dennis Grammenos, Northeastern Illinois University, *Ethnoscaping Humboldt Park: Neoliberal Urban Development and Puerto Rican Identity in a Chicago Barrio*10:40 Laam Hae, Syracuse University, *Zoning out Dance Clubs in New York City: Neoliberal Urban Development and Alternative Urban Cultures*11:00 Eliot Tretter, Johns Hopkins University, *The Culture of Tension and Renewal*

- 2241. Emerging Themes in Political Ecology II: Migration (Sponsored by Cultural and Political Ecology Specialty Group, Population Specialty Group, Latin America Specialty Group)**
Room: Denver (Paper Session)
 ORGANIZER(S): Brian King, University of Texas at Austin; Brad Jokisch, Ohio University
 CHAIR(S): Brad Jokisch, Ohio University
10:00 Brad Jokisch, Ohio University, *What happened to the minifundio when everyone went transnational? Findings from a longitudinal study of agricultural change in highland Ecuador.*
10:20 Michelle Moran Taylor, *Land and Leña: Migration, Natural Resources, and the Environment in a Guatemalan Mayan Town*
10:40 Jeffrey Bury, San Francisco State University, *Mining and Migration in the Peruvian Andes*
11:00 Emily Yeh, University of Colorado, *Migration and marginalization: the political ecology of greenhouse vegetable farming in Tibet*
 Discussant(s): Ed Carr, University of South Carolina
- 2245. (Re)Emerging Leisure Places and Spaces in Developing Lands (Sponsored by Recreation, Tourism, and Sport Specialty Group, China Specialty Group)**
Room: Captiol (Paper Session)
 ORGANIZER(S): Alan A. Lew, Northern Arizona University
 CHAIR(S): Alan A. Lew, Northern Arizona University
10:00 George F. Roberson, University of Massachusetts, *Visualizing Tangier*
10:20 Anne K. Soper, Indiana University, *Future Destinations: Mauritian-ness and Tourism*
10:40 William Hipwell, *Re-Constructing Nature and Reterritorializing Alishan: Taiwans Cou Nation and the Making of Danayigu*
11:00 Ruei-Suei Sun, UCLA, *The Production of Local Globalism- The case of "Xin Tian Di" in Shanghai*
11:20 Alan A. Lew, Northern Arizona University, *Disneyfying the City: Urban Recreation in Guilin, China*
- 2246. War and Conflict**
Room: Columbine (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Brendan Soennecken, University of Colorado - Boulder
10:00 Eric Giese, *Post-American Civil War Migration of Term-Combatant Soldiers and Their Families*
10:20 Johnny Coomansingh, Southwest Missouri State University, *Mapping a Phenomenon in Hostile Territory*
10:40 Ms. Lydia Ruddy, *Neoliberalism and the Reconstruction of Iraq*
11:00 Eleanor Sue Trone, *Durable Solutions for Refugees vs. Durable Peace after War: Expert Opinions on Humanitarian Intervention in Post-Conflict Settings*
11:20 Brendan Soennecken, University of Colorado - Boulder, *War, Recovery and Geographers*

2247. New Perspectives on Environmental Narratives (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Terrace (Paper Session)

ORGANIZER(S): William G. Moseley, Macalester College; Paul Laris, CSU Long Beach

CHAIR(S): William G. Moseley, Macalester College

10:00 Mr. Jay Hasbrouck, *Anarcho-Primitivism and the Appropriation of Anthropological Narratives*

10:20 Ms. Pauline Von Hellermann, *Not one crisis narrative but two! (provisional)*

10:40 Jesse Ribot, *Encountering and Countering Environmental Narratives: Front Line Forestry Reform in the West African Sahel*

11:00 William G. Moseley, Macalester College, *Interrogating Past Lives: Development Volunteers and Environmental Narratives*

11:20 Paul Laris, CSU Long Beach, *Three views of a burned land: how issues of scale and narrative affect mapping and monitoring anthropogenic savanna fires in West Africa*

2248. Theorising Other Childhoods in a Globalised World 2: (De)constructing social networks in everyday spaces

Room: Savoy (Paper Session)

ORGANIZER(S): Louise Holt, Brighton University; Sarah L. Holloway, Loughborough University

CHAIR(S): Dr. Tracey Skelton, Loughborough University

10:00 Jane Reeves, *Children as Parents*

10:20 Ms. Jane Dyson, University of Cambridge, *A Forest of Obligations: Childrens negotiations of social norms in Uttaranchal, India*

10:40 Louise Holt, Brighton University, *Young disabled peoples social exclusion/ inclusion in school and leisure spaces*

11:00 Katherine Gough, Institute of Geography, University of Copenhagen, *Youth and the home*

11:20 Mireia Baylina, Universitat Autònoma De Barcelona, *Children and gender in playgrounds. An example from Mediterranean cities*

2249. Water Resources

Room: Majestic Ballroom (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kirstin Dow, University Of South Carolina

10:00 Nancy Lowery, San Diego State Univ, *Scale and the Calculation of Water Scarcity Indicators*

10:20 E. Mark Pires, Long Island University, *The Kensico Connection: A Critical Link in New York Citys Water Supply*

10:40 Michael Pease, Southern Illinois University Carbondale, *Evaluating Water Markets*

11:00 Holly Rietman, University of Nevada Reno, *State Water Planning: Perspectives from California and Nevada*

11:20 Kirstin Dow, University Of South Carolina, *Perspectives on uncertainty the utility of climate information in water resources management*

2250. Advances in Paleoclimatology II: Quantitative, multiproxy, and novel approaches to climate reconstruction (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Cryosphere Specialty Group)

Room: *Vail* (Paper Session)

ORGANIZER(S): Kevin John Anchukaitis, University of Arizona; Prof. Bryan Shuman, University Minnesota

CHAIR(S): Kurt F. Kipfmüller, University of Minnesota

10:00 Neil Pederson, Columbia University, *New Results From Eastern US Forests: The Influence of Winter Temperatures, Accelerated Growth of Old Trees and the Carbon Cycle*

10:20 John Chiment, *Dendrochemistry of a dendrochronologically-dated forest from Turkey*

10:40 Dr. Wendy R. Eisner, University of Cincinnati, *Investigation of paleoenvironment and geomorphic processes of drained thaw-lake basins, Arctic Coastal Plain, Alaska*

11:00 Dr. Mary Gagen, University Of Wales Swansea, *The PINE project; using multiple proxies to investigate climate dynamics at the tree line in Europe*

11:20 Lowell Stott, *Proxy evidence for coupling between ocean/atmospheric variability in the tropical Pacific and the Asian Monsoon on century and millennial time scales during the Holocene*

2251. Conservation

Room: *Tower Exhibit Area* (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

Michael S. Herzberger, Oklahoma State University, *Do Fish Use Habitat In Proportion To Its Availability?*

Linah Ababneh, University of Arizona, *Seasonal Temperature and Precipitation Effect on Tree-Ring Widths of Upper Elevation Strip-Bark and Whole-Bark Trees in the White Mountains of California.*

Ms. Jennifer Hogue, *Monitoring Post-Eruption Vegetation Re-growth on Mount St. Helens*

Shasta Ferranto, University of Nevada, Reno, *Critical Mule Deer Habitat Management in the Eastern Sierra Nevada*

Curtis N. Thomson, University of Mississippi, *Mapping Land Cover/Use Change in Metropolitan Bangkok*

Mindy Syfert, University of Denver, *Characterizing Landscape Patterns for the Guatemalan Highlands*

Patricia Quimby, *Land Use Change in Costa Rica*

Christopher E. Soular, United States Geological Survey, *Land-cover trends in the Sierra Nevada ecoregion*

Dan Harris, *Land Cover/Land Use Change and Differentiation at the Municipality Level in the Brazilian Amazon*

Peter Barney, The University of Arizona, *Developing A Fire Hazard Potential Map for the Valles Caldera National Preserve*

- Roger Auch, "Old (er)" Trees in the U.S. Southeast: Forest Land Cover Stability and Change in Five Southeast Ecoregions, 1973-2000
- Britta Jean Suppes, *Spatial Distribution of Boundary Waters Canoe Area Wilderness Visitors*
- Mr. Alex Brown, Clark University, *Multi-scale image texture analysis and spatial frequency domain filtering for feature pattern recognition to support study of biodiversity*
- Hilary Stephens, *GIS as Tool for the Identification of Critical Preservation Areas*
- Mr. Daniel Redo, *Extent, pattern, and processes of forest cover change in southwestern Honduras from 1987 to 2000*
- Ms. Lynn Scharf, University of Maryland, *Ranging Behavior of African Forest Elephants (Loxodonta africana cyclotis) in Protected Areas of Gabon and Congo*
- Ms. Alisa Wade, *Threat Pathways: conceptual spatial models linking landscape modification and impacts in protected areas*
- Bill McConnell, Indiana University, *The Global Land Project*
- Debra Kreitzer, Western Kentucky University, *Stakeholder Involvement and Land-use Planning in a Karst-Biosphere Reserve Environment*
- Prof. Maureen Sioh, DePaul University, *GIS-based Environmental Accounting System for a Mixed Use Watershed in Northern Thailand*
- Stephen R. Cameron, Michigan State University, *Land cover change in Brazils Amazonian protected areas: assessing deforestation in 6 federal conservation units in the States of Amazonas and Rondônia*
- Mr. Matthew G. Darden, *Examining Correlation Of Repeat Gypsy Moth Defoliation And Modis Derived Phenology For Northern Lower Michigan*
- Mr. Paul Michael, *Gap Analysis of the White-tailed Deer*
- Raymond Bower, Central Michigan University, *Discrimination of Michigan Hardwood Forest Species Using Spectral Matched Filtering*
- Kristy M. Capobianco, University of Florida, *Creation of GIS Data of Everglades National Parks Fire History from 1948 to 1979*
- Alisa Coffin, University of Florida, *Creation of a geospatially rectified digital archive for South Florida and the Everglades: the 1940 Aerial Photography Photoset*
- Mr. Matthew Skibba, *Mapping Cross Country Ski Trails at Mount Blue State Park*
- Stephanie Rozek, *Wetlands and Policy in Southern California*
- Erika K. Wise, University of Arizona, *Impact of wildfires on urban particulate matter concentrations in Tucson, Arizona*
- Donald Parsley, *Fire Risk Analysis in San Diego County, California*
- Lisa Keys-Mathews, University Of North Alabama, *An Urban Morphology Analysis of San José, Costa Rica*
- Robert G. Wingate, University Of Wisconsin-La Crosse, *Splitting Atoms VS Burning Fossil Fuels*
- Ms. Mariya Zakharchuk, Institute of Melioration and Grass Farming, *Characteristic Of Kremennoe Marsh Massif In Aspect Of Its Protection*

11:50 a.m. - 12:50 p.m.**2307. Editorial Board Meeting for Gender, Place and Culture***Room:* Plaza Court 7 (Meeting Session)

ORGANIZER(S): Program Committee; Brenda Yeoh, National University of Singapore

CHAIR(S): Brenda Yeoh, National University of Singapore

2317. Journeys in Nunavut - a world class eco-tourism destination (Sponsored by Canadian Studies Specialty Group)*Room:* Governor's Square 17 (Panel Session)

ORGANIZER(S): Susan Lucas, Edinboro University of Pennsylvania; Soren Larsen, Georgia Southern University

CHAIR(S): Susan Lucas, Edinboro University of Pennsylvania

Introduction: Susan Lucas, Edinboro University of Pennsylvania

Speaker: Mike Beedell, Photography Inc.

1:00 p.m. - 2:40 p.m.**2401. Epistemic Spaces I: Regimes of Truth and Credibility (Sponsored by Historical Geography Specialty Group)***Room:* Plaza Court 1 (Paper Session)

ORGANIZER(S): Heike Joens, University of Nottingham; Richard C. Powell, Cambridge University

CHAIR(S): Richard C. Powell, Cambridge University

1:00 Deborah Dixon, *PSI WARS: Fortean Geographies/Fortean Science***1:17** Elizabeth A Gagen, University Of Hull, *Physiological emotions and the science of the self***1:34** Alexander P. Vasudevan, University of Nottingham, *Scientific States and Exceptional Spaces: Epistemic Cultures in Interwar Germany***1:51** Simon M. Reid-Henry, University Of Cambridge, *Making Space for Science: the Experimental Geography of Cuban Biotechnology***2:08** Heike Joens, University of Nottingham, *Everyone is Special: Contested Spaces of Honorary Doctorates at Oxford and Cambridge Universities in the 20th Century*

Discussant(s): Trevor J. Barnes, University Of British Columbia

2402. Urban Climate II (Sponsored by Climate Specialty Group)*Room:* Plaza Court 2 (Paper Session)

ORGANIZER(S): A. John Arnfield, Ohio State University

CHAIR(S): A. John Arnfield, Ohio State University

1:00 Ahmed Balogun, University of Missouri Kansas City, *Surface Energy and Moisture Flux Measurements in the Kansas City Metropolitan Area during Summer 2004*

- 1:20 Dean Anderson, United States Geological Survey, *Urban-Ecosystem Atmosphere Fluxes of CO₂, CH₄, N₂O, and Evapotranspiration over Denver, Colorado*.
- 1:40 Sue Grimmond, Indiana University, *Urban modification of the surface energy balance in the West African Sahel: Ouagadougou, Burkina Faso*
- 2:00 A. John Arnfield, Ohio State University, *A simple urban neighborhood energy budget simulation model and its evaluation against observations*.
- 2:20 Leanna Rose, Florida State University, *The extent of urban-modified lightning production around Atlanta, Georgia*

2403. Distributed GIS 1 Systems Development (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Chaowei Yang, George Mason University; Yichun Xie, Eastern Michigan University

CHAIR(S): Chaowei Yang, George Mason University

- 1:00 Philipp Schneider, *A Framework for Areal Interpolation and its Applications for Geospatial Data Interoperability in a Distributed GIS Environment*
- 1:20 Ling Zhang, University of North Carolina at Chapel Hill, *GIS XML Web Service: A Solution to Ubiquitous GIS Service*
- 1:40 Prof. Chang-Tien Lu, *A Web-based Data Analysis System for Watershed Management*
- 2:00 Xuan Shi, West Virginia University, *Semantic Communication and Integration in Geospatial Web Services*
- 2:20 Shaowen Wang, University of Iowa, *GISolve: A Grid-based Problem Solving Environment for Computationally Intensive Geographic Information Analysis*

2404. Alternative Perspectives on Hazard Mitigation

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William A. Mitchell, Baylor University

- 1:00 Gregory Iwan, University of Denver, *Real-Property Market Response to the June 1965 South Platte River/Plum Creek Flood in Arapahoe and Douglas Counties, Colorado, Encompassing Construction of Chatfield Dam and Local Adoption of National Flood Insurance*
- 1:20 Andrew Shears, Ball State University, *Tornadoes and Trailers: A Study of Common Geofactors in Co-Occurrences in the Southeastern United States*
- 1:40 Mr. Brian Brettschneider, *Geographical Variation in Federal Disaster Declarations*
- 2:00 Daniel Z. Sui, Texas A&M, *Spatial patterns of alcohol-related traffic accidents in the U.S.: A multi-level analysis*.
- 2:20 Justin Page, Baylor University, *Construction Practices as Destructive Inputs to Earthquake Devastation*

2405. Remote Sensing Student Honors Paper Competition I (Sponsored by Remote Sensing Specialty Group)*Room: Plaza Court 5 (Paper Session)*

ORGANIZER(S): Christine M. Erlien, University of North Carolina

CHAIR(S): Christine M. Erlien, University of North Carolina

1:00 Christopher Lippitt, Clark University, *Timber harvest monitoring in western Massachusetts; a comparison of machine learning algorithms***1:20** Desheng Liu, *Hyperspectral Image Classification Using Support Vector Machines: Feature Selection and Domain Knowledge***1:40** Li Wu, *Agents Analysis of Land Use and Cover Change in Suzhou with RS and GIS***2406. Bon Appetit — Geography of Food***Room: Plaza Court 6 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): LaDona G. Knigge, University @ Buffalo (SUNY)

1:00 Ms. Robin Jane Roff, *Placing Choice: The Role of Place-Based Values in the Acceptance of Genetically Modified Food***1:20** Clare Herrick, University College London, *Fat space: the Bio-politics of obesity in late modernity***1:40** Nicholas Bauch, University of Wisconsin-Madison, *Food Production in Parma, Italy: A Humanistic Perspective***2:00** Helen Robertson, *Making Nature Better: 20th Century Food Advertising***2:20** LaDona G. Knigge, University @ Buffalo (SUNY), *Food Security, Community Empowerment & Community Gardens in Buffalo, NY***2407. Student Paper Merit Award Competition session 1 (Sponsored by Coastal and Marine Specialty Group)***Room: Plaza Court 7 (Paper Session)*

ORGANIZER(S): Diane P. Horn, Birkbeck College, University of London

CHAIR(S): Diane P. Horn, Birkbeck College, University of London

1:00 Mr. Michael Bitton, Louisiana State University, *Preliminary Steps for Establishing Long-Term GIS Studies of Coastal Dunes***1:20** Jennifer Booth, Louisiana State University, *Vegetation Porosity and its Relationship to Shadow Dune Deposition***1:40** Ms. Zheng Cheng, *Investigation of Coastal Land Use Changes by integrating Remote Sensing Imagery and Population Census Data***2:00** Brandon L Edwards, Louisiana State University, *Investigation of the effects of detached, segmented breakwaters on nearshore process and morphology***2:20** Mr. Songgang Gu, *Topologically constrained transect method for shoreline change analysis and prediction in GIS environment*

- 2408. Spatial Analysis in Infectious Disease Research (Sponsored by Medical Geography Specialty Group)**
Room: *Plaza Court 8 (Paper Session)*
 ORGANIZER(S): Michael Emch, Columbia University
 CHAIR(S): Michael Emch, Columbia University
1:00 Marilyn O. Ruiz, U of Illinois College of Veterinary Medicine, *Patterns of persistence and change: West Nile virus and St Louis encephalitis in Cook County, Illinois, in 1975 and 2002*
1:20 Jason K. Blackburn, Louisiana State University, *Near Real-time GIS analysis as a tool in Field Epidemiology*
1:40 Carmen Tedesco, University of Illinois Urbana-Champaign, *West Nile Virus in Chicago, IL, 2002: A Multidimensional GIS-based analysis*
2:00 Aimee Shipman, University of Idaho, *Development, Susceptibility and Emerging Risk: The Political Economy of HIV/AIDS in Botswana*
2:20 Michael Emch, Columbia University, *Using spatial information to improve vaccine trials*
- 2409. Geography Education Specialty Group Student Paper Competition I (Sponsored by Geography Education Specialty Group)**
Room: *Governor's Square 9 (Paper Session)*
 ORGANIZER(S): Jan Smith, Shippensburg University
 CHAIR(S): Jan Smith, Shippensburg University
1:00 Waverly C. Ray, Texas State University-San Marcos, *Faculty Perceptions of Internationalization in Postsecondary Geography*
1:20 Gregory Wassel, University of Georgia, *An Internet-based Utility to Enhance the Instruction of Numerical Weather Prediction and Data Initialization*
1:40 Charles H Wade, Louisiana State University, *An Historical Case for Regional Geography in Geographic Education*
 Introduction: Jan Smith, Shippensburg University
 Discussant(s): Joseph P. Stoltman, Western Michigan University
- 2410. The Economic Turn in Cultural Geography (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group)**
Room: *Governor's Square 10 (Paper Session)*
 ORGANIZER(S): Clayton Rosati, Syracuse University
 CHAIR(S): Don Mitchell, Syracuse University
1:00 Clayton Rosati, Syracuse University, *Groundwork for Hegemony: Towards an Economic Turn in Cultural Geography*
1:20 Christopher Moreno, *Places of Cruise Ship Tourism, the Commodification of Culture, and Skagway Alaska: A Critical Approach*
1:40 Nik Heynen, University Of Wisconsin at Milwaukee, *Starving for Revolution: The Black Panther Party's Production of Revolutionary Art and Culture via the Political Economy of Hunger*
2:00 Don Mitchell, Syracuse University, *The Economic Turn of Cultural Geography: A Critical Introduction.*
 Discussant(s): Scott Kirsch, University of North Carolina

2411. Amazon and the Environment III (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group)

Room: *Governor's Square 11* (Paper Session)

ORGANIZER(S): Oliver T. Coomes, McGill University

CHAIR(S): Oliver T. Coomes, McGill University

1:00 David Salisbury, University Of Texas, *Amazonian Borderlands: Land Use, Livelihood Strategies, and Resource Use on the Political Frontiers of Brazil and Peru*

1:20 Mr. Carlos Valério Gomes, *Rule Making, Rule Breaking: The Influence of Institutions and the Growth of Cattle Ranching in the Chico Mendes Extractive Reserve in Acre, Brazil*

1:40 Mario Cardozo, University of Texas, *Differential deforestation patterns associated with roads and rivers in the Peruvian Amazon*

2:00 Mr. Christian Abizaid, McGill University, *Towards an understanding of land tenure in the floodplains of the Upper Amazon: insights from the Central Ucayali River, Peru*

2:20 Oliver T. Coomes, McGill University, *On the role of communal labour in peasant agriculture: an empirical study from the Peruvian Amazon*

2412. Urban Rural Transitions

Room: *Governor's Square 12* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard P. Greene, Northern Illinois University

1:00 Rod Squires, University of Minnesota, *The Nature of Urban Sprawl. The Process of Suburbanization*

1:20 Jeff Onsted, UCSB, *Effectiveness of a Differential Tax Assessment Program for Farmland Conservation in Tulare County, California*

1:40 Stephen Mulherin, California State Univ, *Exurban Los Angeles: The New Urban Decline?*

2:00 Richard P. Greene, Northern Illinois University, *New Ex-Urban Development Patterns in a long established Transport Corridor of the Western United States, Salt Lake City to Los Angeles.*

2414. Environmental data management and use (Sponsored by Climate Specialty Group, Cryosphere Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: *Governor's Square 14* (Panel Session)

ORGANIZER(S): Dan Bedford, Weber State University; George E. Clark, Harvard University

CHAIR(S): Dan Bedford, Weber State University

Panelists: Gail Steinhart, Cornell University; Robert S. Chen, CIESIN/Columbia University; George E. Clark, Harvard University; Mark Parsons, University of Colorado; Olga Wilhelmi, Environmental and Societal Impacts Group, NCAR

2415. US Operational Global Land Remote Sensing: AAG/USGS Workshop Outcome*Room: Governor's Square 15 (Panel Session)*

ORGANIZER(S): Samuel N. Goward, University of Maryland

CHAIR(S): Samuel N. Goward, University of Maryland

Discussant(s): Charles G. Groat, Director, USGS; Jay W. Feuquay, United States Geological Survey

Panelists: Nina Lam, Louisiana State University; Richard A. Marston, Oklahoma State University; Douglas Richardson, Association Of American Geographers; John A. Kelmelis, United States Geological Survey; John Townshend, University of Maryland; David Lewis Skole, Michigan State University; Darrel Williams

2416. Tribute to Wilbur Zelinsky I (Sponsored by The Geographical Review, Cultural Geography Specialty Group)*Room: Governor's Square 16 (Paper Session)*

ORGANIZER(S): Joseph S. Wood, University of Southern Maine

CHAIR(S): Joseph S. Wood, University of Southern Maine

1:00 Edward K. Muller, University of Pittsburgh, *Wilbur and Me***1:20** Janice Monk, Department of Geography and Regional Development, *Drifting, Dreaming, and Derring-Do: Women in American Geography in the 1970s***1:40** Michael P. Conzen, University of Chicago, *The Non-Pennsylvania Town: Diffusion of Urban Forms in the American West***2:00** Dr. Susan Hardwick, University Of Oregon, *Zelinsky's Heterolocality Re-Visited: Post-Soviet Refugee Patterns and Identities in the Pacific Northwest*

Discussant(s): Joseph S. Wood, University of Southern Maine

2417. Making your own way: Grant proposal writing for graduate school and beyond (Sponsored by Graduate Student Affinity Group)*Room: Governor's Square 17 (Panel Session)*

ORGANIZER(S): L Jesse Rouse, NGDC, West Virginia University

CHAIR(S): Susan J. Bergeron, West Virginia University

Panelists: Barnali Dixon, University Of South Florida; Thomas J. Baerwald, National Science Foundation; Gregory Chu, National Science Foundation; Richard Hoch

2418. Cultural and Political Geographies of Identity and Representation in Continental Europe 3 (Sponsored by European Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)*Room: Plaza Ballroom A (Paper Session)*

ORGANIZER(S): Mr. Jude Rost; William T. Courtenay, University Of Wisconsin - Madison

CHAIR(S): Mr. Jude Rost

1:00 Dr. Gregory Ioffe, Radford University, *Belarus: A case of split identity***1:20** David Waskowski, University of Wisconsin-Madison, *From Soviet Union to European Union: A Study of Urban Change and Cultural Identity in Riga, Latvia*

- 1:40** Joshua Hagen, Marshall University, *The Cultural Politics of Post-War Reconstruction in Rothenburg, Germany*
- 2:00** William T. Courtenay, University Of Wisconsin - Madison, *Consuming tourist geographies (and constructing nationalizing iconographies?): problematizing Grand Tourist agency in nineteenth-century Rome*
- 2:20** Jane Vlasta Daniels, University of Wyoming, *Local Impacts of International Cultural Landscape Preservation in the Lednice-Valtice World Heritage Site, Czech Republic*

2419. The Spatial Analysis of Education

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Program Committee
CHAIR(S): Alex Standish

- 1:00** Lisa Marie Murphy, University of Denver, *Explaining Variability in Colorado Student Assessment Program Scores; A Geographic Perspective*
- 1:20** David J. Cowen, University Of South Carolina, *Spatial Aspects of High School Graduation Rates in South Carolina*
- 1:40** Paul Burger, University Of Nebraska at Kearney, *GIS as a Target Marketing Tool in Higher Education Admissions*
- 2:00** Alex Standish, *Geographic Education and Changing Notions of Citizenship in American Schools.*

2420. National Parks and Landscape Appreciation

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee
CHAIR(S): Phadrea Ponds, United States Geological Survey

- 1:00** Yolonda Youngs, Arizona State University, *The West Thumb Story: Cultural Landscape Evolution in Yellowstone National Park*
- 1:20** Kelly Kurtas, Shippensburg University, *Sustainable Management Practices in National Parks*
- 1:40** Lindsay Vidal, George Washington University, *Man, Nature, and the Sport Utility Vehicle*
- 2:00** Phadrea Ponds, United States Geological Survey, *Using Resident Employed Photography as a tool to study quality of life and sense of place on the Colorado Plateau*

2423. Gender Issues in America

Room: Plaza Ballroom F (Paper Session)

ORGANIZER(S): Program Committee
CHAIR(S): Dick G. Winchell, Eastern Washington University

- 1:00** Melanie Rapino, *Testing Gendered Travel Theory in the Context of Leisure Activity: An Analysis of Male and Female Market Areas for a Philadelphia Area Health Club*
- 1:20** Ann Bartos, *Through a Pink Lens: The Geographical Imagination of Code Pink*
- 1:40** Micheala Denny, Florida State University, *The Transformation of Space: Womens Center Politics*

- 2:00 Ms. Megan Toney, *Is credit card debt gendered? A case study of Seattle*
 2:20 Dick G. Winchell, Eastern Washington University, *Gendered Spaces and Places of a Transitional American Indian Community: Yolanda and The Exiles*

2424. Sexy Spaces: Public Spaces and Institutions (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Director's Row E (Paper Session)

ORGANIZER(S): Kath Browne, University of Brighton; Tiffany K. Muller, University Of Minnesota

CHAIR(S): Kath Browne, University of Brighton

1:00 Thomas Chapman, Florida State University, *Heterosexualizing Ownership of Place: Scale Politics and the Contestation of a Human Rights Ordinance in Collier County, Florida*

1:20 Mr. Max Andrucki, The Pennsylvania State University, *Queerly Formal: Non-Profit Institutions, State Constraint, and the Politics of Gay Space as Social Service*

1:40 Adrian N. Mulligan, Bucknell University, *The Solid Man: A Case of Misplaced Concreteness in the New York City St. Patricks Day Parade*

2:00 Allison Burgess, *Queering Heterosexual Spaces: Positive Space Campaigns Disrupting Campus Heteronormativity*

Discussant(s): Tiffany K. Muller, University Of Minnesota

2425. Diffusion of Religions, Belief Systems, and Ways of Life (Sponsored by Geography of Religions and Belief Systems Specialty Group)

Room: Director's Row F (Paper Session)

ORGANIZER(S): Simon R. Potter

CHAIR(S): Simon R. Potter

1:00 Edward H. Davis, Emory & Henry College, *Churches Placed Against the World: The Anti-Mission Primitive Baptists*

1:20 Charles J. Fuller, Triton College, *From Persian Pogrom to World Religion: The Origins and Diffusion of the Baha'i Faith*

1:40 Kevin N. Raleigh, University of South Carolina, *The Message of Baha'u'llah in the Bible Belt: Explaining the Diffusion of Baha'ism in South Carolina, 1970-1973*

2:00 Lisa Jordan, University of Colorado, *Geographies of Religious Pluralism in the United States*

2:20 Simon R. Potter, *A Moment of No-Mind Going to an Unliberated Land: Why the Rajneeshi Attempt to Relocate in America Failed*

2427. City Profiles - Selected Urban, Regional and Planning Profiles (Sponsored by Regional Development and Planning Specialty Group)

Room: Director's Row H (Paper Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg University; Samuel Thompson, Western Illinois University

CHAIR(S): Prof. Baleshwar Thakur, Delhi School of Economics, Delhi University

1:00 John E. Benhart, Shippensburg University, *Regional Land Use Impacts: A Comparison of Collier County, Florida and Franklin County, Pennsylvania*

- 1:20 Debnath Mookherjee, Western Washington University, *Bellingham, Washington: Profile of a Small Metropolitan City*
- 1:40 George M. Pomeroy, Shippensburg University, *Columbia, Maryland: Profile of a "New Town"*
- 2:00 Samuel Thompson, Western Illinois University, *What's Playing in Peoria: An Urban Planning Profile*
- 2:20 Christopher Cusack, Keene State College, *Lowell, Massachusetts: A profile of the past, a profile of the future*

2430. Approaching Historical Geographic Questions through HGIS (Sponsored by Historical Geography Specialty Group, Electronic Cultural Atlas Initiative, Geographic Information Science and Systems Specialty Group)

Room: Tower Court A (Paper Session)

ORGANIZER(S): Mary Ruvane, University Of North Carolina - Chapel Hill; Ian N. Gregory, University of Portsmouth

CHAIR(S): Eli Paul, Queen's University

1:00 Prof. Robert Schwartz, Mount Holyoke College, *History and Geography: Railways, Uneven Development, and Cultural Change in France and Great Britain, 1830-1914*

1:20 Kristen N. Keegan, University Of Connecticut, *Settlement Patterns in Eighteenth Century New England Towns: Clustered or Dispersed?*

1:40 G. Rebecca Dobbs, Univ of North Carolina at Chapel Hill, *Settlement systems, backcountry development, and indigenous transportation routes: the North Carolina Piedmont in the 18th century*

2:00 James W. Wilson, Old Dominion University, *Historical and computational analysis of long term environmental change: Forests in the Shenandoah Valley of Virginia*

Discussant(s): Ian N. Gregory, University of Portsmouth

2431. 'Practices' for teaching economic geography I (Sponsored by Economic Geography Specialty Group)

Room: Tower Court B (Panel Session)

ORGANIZER(S): Henry WC Yeung, National University of Singapore; Mr. Neil Coe, University of Manchester

CHAIR(S): Henry WC Yeung, National University of Singapore

Discussant(s): Henry WC Yeung, National University of Singapore

Panelists: William B. Beyers, University Of Washington; Mr. Neil Coe, University of Manchester; Prof. Louise Crewe, University of Nottingham; Christy Jocoy, California State University - Long Beach

2432. The Nature of Economy: A Conversation between Economic Geography and Ecological Economics (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group)

Room: Tower Court C (Panel Session)

ORGANIZER(S): Gavin Bridge, Syracuse University

CHAIR(S): Gavin Bridge, Syracuse University

Introduction: Gavin Bridge, Syracuse University

Panelists: Karen Bakker, University Of British Columbia; So-Min Cheong, Texas A&M University; Scott Prudham, Department of Geography, University Of Toronto; Eric S. Sheppard, University Of Minnesota - Minneapolis; Richard B. Norgaard, University of California At Berkeley

2433. Earth Surface Process and Environments

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Frederick B. Chambers, University of Colorado at Denver

1:00 Ellen Stein, Mountain Studies Institute, *Mountain Studies Institute: Advancing Geography Field Studies in the San Juan Mountains, Colorado*

1:05 Alan F. Arbogast, Michigan State, *Stream Terrace Evolution Along the Upper Muskegon River in Michigan*

1:10 Ms. Shela Patrickson, *A >20 ka paleoenvironmental study of a sediment profile from Stansbury Island, Lake Bonneville*

1:15 Ms. Christine Iksic, Slippery Rock University, *Examining Sedimentation and Infill of Lake Nicaragua*

1:20 David Hoftiezer, Dartmouth College, *Comparison of Bedrock Radon Potential and Radon Concentration Measurement in New Hampshire*

1:25 Frederick B. Chambers, University of Colorado at Denver, *Preliminary results of relationships between meteorology and basalt flow mineral weathering, Hawaii Volcanoes National Park*

2434. Geography of Suburbia

Room: Grand Ballroom I (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Claire Jantz, The Woods Hole Research Center

4:00 Patrick Vitale, Syracuse University, *Learning to be Suburban; Working class formation and suburbanization in McKeesport, Pennsylvania, 1945-1973*

4:20 Ulrike Gerhard, University of Wuerzburg, *-Textures in Suburbia - Discourse analysis of suburban residential patterns in the US and Germany*

4:40 Kevin Grove, Ohio State University, *Local Economic Development, Scale, and the Contested Production of Suburban Natures*

5:00 Elizabeth Wood, University of Wyoming, *Austin Bergstrom Airport and its Relation to Urban Sprawl Issues*

5:20 Claire Jantz, The Woods Hole Research Center, *Defining the suburban forest across space and time: a multi-scale analysis of forest management policies in the Washington, DC suburbs*

2435. Urban Fringe Land Use Transition*Room:* Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Benhart, Jr., Indiana University

1:00 Tammi Laninga, University of Colorado, *Community-Based Planning in a Changing West: The Bureau of Land Managements Experience***1:20** Daniel Michor, University of British Columbia, *One Place, Many Voices: Nature, Culture and Conflict on Point Grey Peninsula, Vancouver BC.***1:40** Markku J. Tykkylainen, University Of Joensuu, *The Long-term Impacts of Land Parcelling on Rural and Regional Structures in Finland***2:00** Seth Brumley, UNIVERSITY OF HAWAII, *Rhizomes in the Rice Fields: Convenience Stores and the Japanese Periphery***2:20** John Benhart, Jr., Indiana University, *Model Industrial Real Estate Ventures as Development Strategies in Southern Appalachia: City Plans and Capitalism in the Late 1800s***2436. Boundaries-in-the-making (Part 3): Identities-in-the-making (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group)***Room:* Colorado (Paper Session)

ORGANIZER(S): Emma Spenner Norman, University of British Columbia; Bonnie Kaserman, University Of British Columbia

CHAIR(S): Emma Spenner Norman, University of British Columbia

1:00 Martin Van Der Velde, University of Nijmegen, *The Semiotics of a Border***1:20** Margo Kleinfeld, University of Wisconsin - Whitewater, *Destabilizing the identity-territory nexus: Discourses of shame and moral fitness in Sri Lankas new political geography***1:40** Rupal Oza, Hunter College, CUNY, *The Gendered Politics of Economic reform in India: Globalization, Nation and Space***2:00** Mr. Daniel Sage, *Viewing borderless spaces through bordered subjectivities: forays into the sublime geographical imaginations in the NASA art collection.***2:20** Bonnie Kaserman, University Of British Columbia, *Skinning the border: The cultural logics of representing Mexico-US border-crossers in US protected areas***2437. Hydroclimatology III: Extreme precipitation, flash flooding, and monitoring (Sponsored by Water Resources Specialty Group, Climate Specialty Group)***Room:* Silver (Paper Session)

ORGANIZER(S): Rezaul Mahmood, Western Kentucky University

CHAIR(S): Daniel J. Leathers, University Of Delaware

1:00 Christina Henry, Western Kentucky University, *The Life Cycle of a Warm Season Severe Eastern Kentucky Flash Flood***1:16** Daniel S. Berkowitz, National Weather Service, *Changes in the Precipitation Preprocessing Subsystem of the WSR-88D (NEXRAD)***1:32** Jessica Phillips, *An Assessment of May 2, 2002 Flash Flood of Buchanan County, Virginia*

- 1:48** Kenneth Blumenfeld, University of Minnesota, *Estimating Extreme Rainfall Frequencies From a Dense Rain Gauge Network*
- 2:04** Richard A. Earl, Texas State University, *An Alternative Method for Calculating Storm Recurrence Intervals Based upon NCDC Historical Records from South-Central Texas*
- 2:20** Joseph Terzungwe Zume, University Of Oklahoma, *Streamflow and Precipitation Variability in Northwestern Oklahoma*

2438. The Experimental Geographers II (discussion)

Room: Gold (Panel Session)

ORGANIZER(S): Cmdr. Trevor Paglen, U.C. Berkeley

CHAIR(S): Wendy Cheng, University of Southern California

Panelists: Shiloh R. Krupar, University of California, Berkeley; Cmdr. Trevor Paglen, U.C. Berkeley; Wendy Cheng, University of Southern California; Allan Pred, University Of California, Berkeley; Dr. Derek Gregory, University of British Columbia

2439. Emerging Scholar Paper Competition (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Century (Paper Session)

ORGANIZER(S): Fahui Wang, Northern Illinois University

CHAIR(S): Fahui Wang, Northern Illinois University

1:00 Ikuho Yamada, Indiana University Purdue University Indianapolis, *Local Indicators of Network-constrained Clusters for a Spatial Point Pattern*

1:20 Mr. Sudhir K. Thakur, University of North Dakota, *Identification of Temporal and Regional Fundamental Economic Structure (FES) in India: An Input-Output Analysis*

1:40 Darla Munroe, Ohio State University, *Empirical Scale Effects, Domains of Scale, and Land Use/Cover Change Research*

2:00 Xun Shi, Dartmouth College, *A Monte Carlo Approach to Comparing Two Surfaces*

2:20 Daniel Mueller, Humboldt University Berlin, *Spatial Determinants of Land-cover Changes in Postsocialist Albania*

2440. 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: Spruce (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State University; Victor Mesev, Florida State University

CHAIR(S): Xiaojun Yang, Florida State University

1:00 Soe WIN Myint, University of Oklahoma, *A New Operational Algorithm for Effective Urban Mapping: A Wavelet Approach*

1:20 Changshan Wu, University of Wisconsin, Milwaukee, *Normalized Spectral Mixture Analysis for Monitoring Urban Composition Using ETM+ Imagery*

1:40 Rebecca Powell, University Of California - Santa Barbara, *Sub-pixel mapping of urban land cover using Multiple Endmember Spectral Mixture Analysis*

2:00 Victor Mesev, Florida State University, *Urban morphological metrics: pinpointing building configuration from imagery*

2441. Emerging themes in political ecology III: Changing landscapes and biogeographies (Sponsored by Cultural and Political Ecology Specialty Group, Biogeography Specialty Group)

Room: *Denver* (Paper Session)

ORGANIZER(S): Matthew Turner, University of Wisconsin - Madison

CHAIR(S): Matthew Turner, University of Wisconsin - Madison

1:00 Matthew Turner, University of Wisconsin - Madison, *Vegetative patterns and anthropogenic process: Excavations of biogeographical ideas about West African savannas/steppes*

1:20 Chris Duvall, University of Wisconsin, Madison, *The Origin of the Tree Spondias mombin in Africa: Historical and Political Biogeography*

1:40 Marlene Elias, McGill, *Centennial history of a resource: African shea, indigenous knowledge and colonial science*

2:00 Christian A. Kull, Monash University, *Conceptualizing human landscape transformations in highland Madagascar*

2:20 Thomas J. Bassett, University Of Illinois, *Fulani Herd Movements Revisited*

2446. International Demographic Perspectives: mobility, identity and ethics (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)

Room: *Columbine* (Paper Session)

CHAIR(S): Ellen Percy Kraly, Colgate University

1:00 Michelle Behr, Western New Mexico, *The Dilemma of Demography: German National Identity and the Future*

1:20 Hill Kulu, Max Planck Institute For Demographic Research, *Fertility and Spatial Mobility: Evidence from Austria*

1:40 Ellen Percy Kraly, Colgate University, *The report of the Chief Protector of Aborigines will be found of interest, and his statistics in relation to half-castes have a certain significance which should command attention. (Northern Territory Report 1921)*

2447. Rethinking 'Informal' Economies (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: *Terrace* (Paper Session)

ORGANIZER(S): HariPriya Rangan, Monash University

CHAIR(S): Paul Thomas Kingsbury, Miami University

Introduction: HariPriya Rangan, Monash University

1:08 Marianna Pavlovskaya, Hunter College, *Beyond the informal: multiple economies of everyday life*

1:26 Ann Oberhauser, West Virginia University, *Extending Borders: Diverse Economies in Cross-Cultural Contexts*

1:44 Paul Thomas Kingsbury, Miami University, *Conspicuous Labor and Ascetic Consumption: Formalizing Perversion and Thrift in the Economy of Colerain Avenue, Greater Cincinnati, Ohio*

2:02 Haripriya Rangan, Monash University, *Bazaar Economies: Marketplaces, Trade, and the Businesses of Everyday Life*
 Discussant(s): Susan Hanson, Clark University

2448. Theorising Other Childhoods in a Globalised World 3: Critiquing the ubiquitous child

Room: Savoy (Paper Session)

ORGANIZER(S): Louise Holt, Brighton University; Sarah L. Holloway, Loughborough University

CHAIR(S): Robert M. Vanderbeck, University of Vermont

1:00 Stuart C. Aitken, San Diego State University, *Jóvenes Atravesando Fronteras/ Young People Crossing Borders*

1:20 Nicola Ansell, Brunel University, *Responding to HIV/AIDS in Lesothos education sector: global-local dialogue and discourses of childhood and youth*

1:40 Fungisai Gwanzura-Ottmoller, *Theorising other childhoods: Issues emerging from work on HIV/AIDS in urban and rural Zimbabwe.*

2:00 Lorraine Van Blerk, Brunel University, *Ethiopia's 'business girls': negotiating strategies for empowerment and belonging through commercial sex*

2:20 Ms. Nadine Schaefer, *Being Young in the Countryside: Researching on and with Young People in (East) Germany.*

2449. Water Resources and Conservation

Room: Majestic Ballroom (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Allyson Jacobs

1:00 Ms. Cindy Warwick, *Discourses of Sustainability in Water Resources Allocation in England and Wales*

1:20 Jennifer Rover, South Dakota State University, *Comparison of Historical Land Use and Recent Water Quality: Lake County, South Dakota*

1:40 Amy Owen, *Community Use of GIS for Water Protection: Field Studies on an Idaho Indian Reservation*

2:00 Jill Manion, Student, *Impediments to Water Conservation Policy in Coconino County, Arizona*

2:20 Allyson Jacobs, *Vulnerability of Community Water Systems: a qualitative, cross-site comparison*

2450. Advances in Paleoclimatology III: Quantitative, multiproxy, and novel approaches to climate reconstruction (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Cryosphere Specialty Group)

Room: Vail (Paper Session)

ORGANIZER(S): Kevin John Anchukaitis, University of Arizona; Prof. Bryan Shuman, University of Minnesota

CHAIR(S): Kurt F. Kipfmüller, University of Minnesota

1:00 Prof. Bryan Shuman, University of Minnesota, *Applying a Heuristic Water-Budget Model to Understanding Holocene Lake Levels in Eastern North America*

- 1:20 Wyatt Oswald, *Lake-sediment evidence for late Holocene climatic variability across southern New England*
- 1:40 Donald G. Sullivan, University Of Denver, *Using Peat Humification Analysis to Reconstruct a Record of Holocene Effective Moisture*
- 2:00 Gray Stephen, USGS Tucson, *The relationship between reconstructed PDO, AMO and North American drought patterns: Implications for proxy development*
- 2:20 Connie A. Woodhouse, NOAA/NCDC, *An Updated and Expanded Tree-Ring Network for Hydroclimatic Reconstructions in Colorado*

2451. Climatology

Room: Tower Exhibit Area (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

- Fei Yuan, *Land Surface Temperature study using satellite remote sensing and GIS analysis in the Twin Cities Metropolitan Area*
- Brian Hanson, University of Delaware, *Calving Face Stress Simulations in Alaskan Tidewater Glaciers*
- Christopher Helm, University of Colorado, *Global Land Ice Measurements From Space (GLIMS): Developing a Comprehensive Inventory of the World's Glaciers*
- Kathy Hansen, Montana State University, *Snow stability geography; A slope-scale analysis of variability across space and through time*
- Clark Judy, *Snow, Ice and Permafrost Data for Interdisciplinary Research and Decision Support*
- Jed Roberts, *Urban Landscaping and the Heat Island Effect in Mérida, Mexico*
- Kristin Hamilton, Villanova University, *Human adaptations to climate-related hazards in Centre County, PA*
- Ryan Anderson, *High Resolution Paleotemperature Records Derived From Pollen and Diatoms, Western Colorado*
- Prof. Richard Snow, Embry-Riddle Aeronautical University, *Modeling the Effects of Elevated Sea Levels with GIS*
- Rafique Ahmed, University Of Wisconsin La Crosse, *Tropical Cyclones in Bangladesh: A Preliminary Study*
- Mr. George Saliba, *Santa Cruz County, Arizona: Adaptive Capacity to Climate Variation*
- Ms. Rebecca Alper, *Coping with Drought in a Humid Climate: The Case of Central Massachusetts*
- Mr. Brady Smith, Mississippi State University, *Use of Multispectral Imagery to Assess the Effects of Hurricane Ivan on Gulf Coast Estuaries*
- Jeremy E. Diem, Georgia State University, *Synoptic-Scale Controls of Warm-Season Wet Periods and Dry Periods in the Southeastern United States*
- Andrew Grundstein, University of Georgia, *Relationship between snow cover and spring "green up" in the USA upper Midwest*
- Diana Dickey, *On the relationship between North Pacific atmospheric blocking and Rocky Mountain lee cyclogenesis*

- Randall S. Cervený, Arizona State, *Oddities of Hail*
- Eran Hood, University of Alaska Southeast, *Mountain climate and snowpack data acquisition using a wireless network in southeast Alaska*
- Richard Brandt, University Of Arizona, *Modification of the Popular Definition for the North American Monsoon System*
- David Kindig, University of Colorado, *Modeling winter cyclone activity in the Northern North Atlantic*
- Mait Sepp, University of Tartu, *Long-term changes in cyclone trajectories in the Northern Europe and winter climate in Estonia.*
- Leslie Lyons, *Large-Scale Climate Variations and Streamflow Response in the Green River Basin, KY*
- Sharon Trotter, *Investigation into the Causality of the Southeastern United States Cooling Trend*
- Mr. Ivan Ramirez, Hunter College, *Estimating Planetary Boundary Layer Heights and Blending Heights from BOREAS Data*
- Erin Burke, *Clouds and the Earth's radiant energy system: detecting the effects on climate change in New England*
- Henry J. Zintambilla, *Classification of Rainfall in the Midwest United States*
- Shaw-Wen Sheen, *A SPATIAL ANALYSIS OF GLOBAL CLIMATE: USING HIGH-RESOLUTION DATA (1961-1990)*
- Michael Keables, University Of Denver, *A Soil Water Balance Climatology for the Great Plains*
- Cary J. Mock, University of South Carolina, *A Historical Climate Data Catalogue*
- Jeff Angeloni, Student, *The unusual nature of Midwestern summer 2004*
- Rorik Peterson, *Adaptive Capacity to Climate Variation: Southwest Kansas*

3:00 p.m. - 4:40 p.m.**2501. Epistemic Spaces II: Local Knowledges and Conflicts (Sponsored by Historical Geography Specialty Group)***Room: Plaza Court 1 (Paper Session)*

ORGANIZER(S): Alexander P. Vasudevan, University of Nottingham; Simon M. Reid-Henry, University Of Cambridge

CHAIR(S): Alexander P. Vasudevan, University of Nottingham

3:00 Annette Watson, *During the Hunt He Whispered, They're Here. I Can Feel Them: the Epistemic Spaces of Indigenous Knowledges***3:17** Ryan Holifield, University of Minnesota, *Constructing Risk, Constituting Local Knowledge: Geographies of Risk Assessment at Two Hazardous Waste Sites***3:34** Robert Hrelja, *Spatiality of nothing, Epistemic spaces in a local environmental controversy***3:51** Diana Mincyte, University of Illinois, *Spatial Dimensions of the Scientific and Technological Revolution: Drainage and Data in Lithuanian Farms in the 1960s*

Discussant(s): Michael Heffernan, University of Nottingham

2502. Urban Climate III (Sponsored by Climate Specialty Group)

Room: Plaza Court 2 (Paper Session)

ORGANIZER(S): A. John Arnfield, Ohio State University

CHAIR(S): Jennifer Salmond, University Of Birmingham

3:00 Brent C Hedquist, Arizona State University Geography Dept., *There'll Be a Hot Time in the New Town Tonight: A Spatio-Temporal Study of the Urban Heat Island in a Rapidly Urbanizing Region*

3:20 Donna Hartz, Arizona State University, *A case study of suburban development and microclimate variability in a desert urbanized environment*

3:40 James A. Miller, Arizona State University, *Intraweekly variability in Las Vegas, Nevada climate*

4:00 Victor Luis Barradas, *The urban heat island and bioclimate comfort in a high altitude tropical city in Mexico*

4:20 Gregory Thomson, *Urban Climate and Architecture: Connecting Climate and Design in the Architecture Studio*

2503. Distributed GIS 2 - Geospatial Information Portals (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Chaowei Yang, George Mason University; Yichun Xie, Eastern Michigan University

CHAIR(S): Yichun Xie, Eastern Michigan University

3:00 Deana D. Pennington, University of New Mexico, *The Science Environment for Ecological Knowledge (SEEK): A Distributed Environment for Ecological Modeling and Analysis*

3:20 Zhaohui Jennifer Fu, Florida International University, *Andean Amazon GIS Web Portal (AAGWP) using webGIS as a tool for multinational environmental data management and access*

3:40 Harold J. Moellering, Ohio State University, *A Comparison of Various National & International Spatial Metadata Standards*

4:00 Chaowei Yang, George Mason University, *A Mid-Atlantic Interoperable Geospatial Information Service Portal*

Discussant(s): Ming-Hsiang (Ming) Tsou, San Diego State University; Yichun Xie, Eastern Michigan University

2504. Spatial Dimensions of the Small World (Sponsored by Spatial Analysis and Modeling Specialty Group, Communication Geography Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): Daniel Z. Sui, Texas A&M

CHAIR(S): Daniel Z. Sui, Texas A&M

Introduction: Daniel Z. Sui, Texas A&M

3:05 Prof. Catherine Dibble, University Of Maryland, *Synthesis and Calibration of Spatial Small-world Networks*

3:25 Bin Jiang, University of Gaule, *On Small World and Information Structures of the Built Environments*

3:45 Zengwang Xu, *A spatial diffusion model based on the small world theory*
 Discussant(s): Rui Carvalho, University College London; Prof. Paul C. Adams,
 University of Texas at Austin

2505. Remote Sensing Student Honors Paper Competition II (Sponsored by Remote Sensing Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Christine M. Erlien, University of North Carolina

CHAIR(S): Christine M. Erlien, University of North Carolina

3:00 Qi Chen, *Isolating Individual Trees in a Savanna Woodland using Small Footprint LIDAR data*

3:20 Xin Miao, *Detection an Invasive Weed through Linear Spectral Unmixing from Hyperspectral Imagery*

3:40 Guiyun Zhou, Louisiana State University, *Wavelet Feature Extraction and Artificial Neural Networks for the Classification of Urban Areas Using High-Resolution Multispectral Imagery*

4:00 Lei Wang, Texas A&M University, *Wavelet-transform based Edge Detection Approach to Derivation of Snowmelt Onset, End and Duration from Satellite Passive Microwave Measurements*

2506. Scale: A People's Geography? (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group)

Room: Plaza Court 6 (Panel Session)

ORGANIZER(S): Mr. Hearn Yuit Chua, Syracuse University; Mr. Glenn W Gentry, Syracuse University

CHAIR(S): Mr. Hearn Yuit Chua, Syracuse University

Panelists: Mr. Hearn Yuit Chua, Syracuse University; Mr. Glenn W Gentry, Syracuse University; Byron A. Miller, University of Calgary; John Paul Jones, III, University of Arizona; Virginie Mamadouh, University of Amsterdam; Mr. Bradley Wilson, Rutgers University; Mary Brook, University Of Texas at Austin; Hilda Kurtz, University of Georgia

2507. Student Paper Merit Award Competition session 2 (Sponsored by Coastal and Marine Specialty Group)

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Diane P. Horn, Birkbeck College, University of London

CHAIR(S): Diane P. Horn, Birkbeck College, University of London

3:00 Lindsey Kraatz, *Historical Analysis of Back Barrier Marsh Change in Southeastern North Carolina*

3:20 Phillip Schmutz, *Spatio-Temporal Beach Profile Variability on the Caribbean Island of Dominica*

3:40 Elizabeth Watson, Geography DEPT., UC Berkeley, *Vegetation Change in San Francisco Estuary Tidal Marshes*

4:00 Ms. Joanna Wolaver, University of Texas - Austin, *Competing for Water: Challenges and Strategies for Maintaining Freshwater Inflow into Texas Coastal Reserves*

- 2508. Geomorphology Student Paper Competition (Sponsored by Geomorphology Specialty Group)**
Room: Plaza Court 8 (Paper Session)
ORGANIZER(S): Robert T. Pavlowsky, Southwest Missouri State University
CHAIR(S): Robert T. Pavlowsky, Southwest Missouri State University
3:00 Ms. Maya Hirsch, Southwest Missouri State University, *Sources and transport of sediment-bound phosphorus in agricultural streams, Des Moines Lobe, Iowa*
3:20 Jordan Clayton, University of Colorado, *The influence of surface sorting on particle mobility in gravel-bed river meanders*
3:40 Dale K. Splinter, Oklahoma State University, *Variation between Ecosystems in Substrate, Channel Morphology, and Large Woody Debris of Eastern Oklahoma Streams*
4:00 Heather Volker, *Relative Relief: A Morphometric Signature of Alluvial Fan Type in Eastern Death Valley, CA, USA*
- 2509. Geography Education Specialty Group Student Paper Competition II (Sponsored by Geography Education Specialty Group)**
Room: Governor's Square 9 (Paper Session)
ORGANIZER(S): Jan Smith, Shippensburg University
CHAIR(S): Jan Smith, Shippensburg University
3:00 Jodi Vender, Pennsylvania State Univ, *Geography of Homeschooling in the United States*
3:20 Philip Rodriguez, *Using ToGRA to Assess Students Attitude toward Geography*
3:40 Sarah Smiley, University of Kansas, *Teaching Urban Geography through African Novels*
Introduction: Jan Smith, Shippensburg University
- 2510. Erika Doss: Author Meets Audience (Sponsored by Cultural Geography Specialty Group)**
Room: Governor's Square 10 (Panel Session)
ORGANIZER(S): Derek H. Alderman, East Carolina University; Kenneth E. Foote, University of Colorado
CHAIR(S): Kenneth E. Foote, University of Colorado
Introduction: Kenneth E. Foote, University of Colorado
Discussant(s): Derek H. Alderman, East Carolina University; Maoz Azaryahu, University Of Haifa; Nik Heynen, University Of Wisconsin at Milwaukee
Panelists: Erika Doss, University of Colorado, Boulder
- 2511. Thirty Years of Development and Destruction in the Amazon (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)**
Room: Governor's Square 11 (Panel Session)
ORGANIZER(S): Cynthia Simmons, Michigan State University; Antoinette Winklerprins, Michigan State University
CHAIR(S): Eugenio Y. Arima, Michigan State University

Panelists: John Browder, Virginia Tech; Marcellus Caldas, Michigan State University; Cynthia Simmons, Michigan State University; Antoinette Winklerprins, Michigan State University; Robert Walker, Michigan State University

2512. PSG Plenary Session (Sponsored by Population Specialty Group)

Room: Governor's Square 12 (Paper Session)

ORGANIZER(S): Bruce Newbold, McMaster University

CHAIR(S): Bruce Newbold, McMaster University

3:00 MJ Greenwood, University Of Colorado, *The Opening of One Frontier and the Closing of Another: A Half-Century of Migration and Regional Employment Change in the United States*

2514. Military Geography Specialty Group Plenary Lecture (Sponsored by Military Geography Specialty Group)

Room: Governor's Square 14 (Paper Session)

ORGANIZER(S): Guntram Herb, Middlebury College

CHAIR(S): Guntram Herb, Middlebury College

3:00 John V. O'Loughlin, University of Colorado, *The Political Geography of Civil Wars*

Discussant(s): Shannon O'Lear, University Of Kansas- Geography Department; Steven Oluic

2515. A Science Strategy for the USGS Geography Discipline, 2005-2015 (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)

Room: Governor's Square 15 (Panel Session)

ORGANIZER(S): Gerard McMahon

CHAIR(S): Gerard McMahon

Panelists: Barbara Ryan, United States Geological Survey; Karen Siderelis, United States Geological Survey; Gerard McMahon; Nathan Wood, United States Geological Survey; William L. Graf, University of South Carolina; Thomas R. Loveland, United States Geological Survey; Susan L. Cutter, University Of South Carolina; Richard A. Marston, Oklahoma State University

2516. Tribute to Wilbur Zelinsky II (Sponsored by The Geographical Review, Cultural Geography Specialty Group)

Room: Governor's Square 16 (Paper Session)

ORGANIZER(S): Joseph S. Wood, University of Southern Maine

CHAIR(S): Joseph S. Wood, University of Southern Maine

3:00 Roman Cybriwsky, Temple University Japan, *Tokyos Indelicate Statues: A Wilburian Analysis*

3:20 Denis Wood, *The Ins and Outs: A Microgeography of Kids in the Highlands of Puerto Rico.*

3:40 Thomas Harvey, Portland State University, *Sacred Spaces, Common Places: The Cemetery in the Contemporary City*

4:00 Edmunds V. Bunkse, University of Delaware, *Why Not Geography as Literature*
Discussant(s): Joseph S. Wood, University of Southern Maine

- 2517. Writing Proposals and Finding Funding for Qualitative Research in Geography (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)**

Room: Governor's Square 17 (Panel Session)
 ORGANIZER(S): Meghan Cope, SUNY-Buffalo; Fernando J. Bosco, San Diego State University
 CHAIR(S): Fernando J. Bosco, San Diego State University
 Introduction: Meghan Cope, SUNY-Buffalo
 Panelists: Daniel Trudeau, University of Colorado; Ms. Sara Kindon; Rachel Pain, University of Durham; David Butz, Brock University; Thomas J. Baerwald, National Science Foundation

- 2518. CSG Plenary Session Speaker Dr. Kevin E Trenberth: The Flow of Energy Through the Climate System (Sponsored by Climate Specialty Group)**

Room: Plaza Ballroom A (Panel Session)
 ORGANIZER(S): Barry D. Keim, Louisiana State University
 CHAIR(S): Barry D. Keim, Louisiana State University
 Introduction: Barry D. Keim, Louisiana State University
 Panelists: Kevin E. Trenberth, National Center for Atmospheric Research

- 2519. Diaspora, Immigration, and Neoliberal Urbanism**

Room: Plaza Ballroom B (Paper Session)
 ORGANIZER(S): Richard Van Deusen, Syracuse University; Laam Hae, Syracuse University
 CHAIR(S): Richard Van Deusen, Syracuse University
3:00 Pablo Mendez, University of British Columbia, *The export-processing city: contradictory space and the logic of bringing together*
3:20 Adam Pine, *The Politics of Welcoming: The promotion of international immigration as an urban economic development strategy*
3:40 Joaquin Villanueva, *Everyday presence as politics of resistance in the neoliberal city: Les Halles, Paris, France*
4:00 Mr. Pablo S Bose, York University, *Living the Way the World Does: Neoliberal Urban Development in Kolkata, India and Diasporic Transnational Practices*

- 2520. Scaling Geographies of Religions (Sponsored by Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)**

Room: Plaza Ballroom C (Paper Session)
 ORGANIZER(S): Michael P. Ferber, West Virginia University
 CHAIR(S): Michael P. Ferber, West Virginia University
3:00 Gail S. Ludwig, University of Missouri, *If Stones Could Talk: A Study of the Women of Bellefontaine Cemetery*
3:20 John T. Bauer, University of Kansas, *Mapping Religious Regions in the United States*
3:40 Elizabeth J. Leppman, St Cloud State University, *Voting for God: Religion and the 2004 Presidential Election*

4:00 Prof. Jim Proctor, UC Santa Barbara, *Religion and Modernity: Toward a Cross-National Comparison*

4:20 Michael P. Ferber, West Virginia University, *A Leap of Faith: Scale in the Geography of Religions and Belief Systems*

2523. Convergence: A Plenary Lecture on Ethics, Justice and Political Ecology (Sponsored by Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Plaza Ballroom F (Paper Session)

ORGANIZER(S): Jeff Popke, East Carolina University; Brad Jokisch, Ohio University

CHAIR(S): Jeff Popke, East Carolina University

Introduction: Jeff Popke, East Carolina University

Introduction: Brad Jokisch, Ohio University

3:10 Paul Robbins, University of Arizona, *We are the elk: Ethics and explanation in political ecology*

2524. Sexy Spaces: Representations, Limitations and Contradictions (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Director's Row E (Paper Session)

ORGANIZER(S): Kath Browne, University of Brighton; Tiffany K. Muller, University Of Minnesota

CHAIR(S): Kath Browne, University of Brighton

3:00 Kath Browne, University of Brighton, *'Do with Pride: Quantitative research and LGBTQ Collectives*

3:20 Michael P. Brown, University of Washington, *Representation, Empowerment and GIS: The Contradictory Consequences of Mapping Seattle's Lesbian & Gay Historical Geography*

3:30 Lawrence Knopp, Jr., University of Minnesota-Duluth, *Representation, Empowerment and GIS: The Contradictory Consequences of Mapping Seattle's Lesbian & Gay Historical Geography*

3:40 Matthew Sothorn, University of Washington, *Queering Liberalism: on the HIV+ body and the limits of representation.*

4:00 Vincent J. Del Casino, Jr, California State University, Long Beach, *Queering the spaces of HIV outreach: Rethinking the discourses and practices of "prevention for positives"*

Discussant(s): Tiffany K. Muller, University Of Minnesota

2525. Satellite Climatology: Algorithms, Analyses and Applications (Sponsored by Climate Specialty Group, Remote Sensing Specialty Group)

Room: Director's Row F (Paper Session)

ORGANIZER(S): Jimmy Adegoke, University Of Missouri-Kansas City

CHAIR(S): Ms. Rima Wahab-Twibell, Clark University

Introduction: Jimmy Adegoke, University Of Missouri-Kansas City

3:10 Ms. Rima Wahab-Twibell, Clark University, *Urban Heat Island and Influence on Ground Level Ozone Build-Up in Metropolitan Kansas City*

- 3:30** Ms. Omowumi Alabi, *Land Surface Impacts on Convective Cloud Development over the Oklahoma Wheat Belt*
- 3:50** Mr. Sajith Vezhapparambu, *Diurnal Variability of Atmospheric Water Vapor Over North Indian Ocean Derived from TRMM/TMI and its Influence on Monsoon Variability*
- 4:10** Jimmy Adegoke, University Of Missouri-Kansas City, *Intercomparison of TRMM/VIRS-Based Fire Detection Algorithms with Observed Fire Occurrence data over West Africa*

2527. Geography of Air Transportation (Sponsored by Transportation Geography Specialty Group)

Room: Director's Row H (Paper Session)

ORGANIZER(S): Andrew R. Goetz, University Of Denver

CHAIR(S): Andrew R. Goetz, University Of Denver

3:00 Timothy Vowles, Victoria University of Wellington, *Inter-Metropolitan Air Service Linkages And Shifts In The Urban Hierarchy*

3:15 Sean Tierney, *Airline and Airport Choice by Passengers in Multi-Airport Regions: The Effect of Southwest Airlines*

3:30 Yves A. Boquet, Université De Bourgogne, *The airport as edge city : the case of Paris' Charles De Gaulle airport*

3:45 Magali Amiel, Université De Montréal, *Competitiveness in Canadian air space: the increasing role of low-cost carriers*

4:00 Brooks C. Pearson, State Univ of West Georgia, *The Changing Structure of Air Transportation in the Caribbean, 1920-2000*

4:15 Francesca Carli, *Gorizia Airport, A Strategic Element for the Italian/Slovenian border zone: Facility and Nearby Land Use Alternatives*

2530. Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: Tower Court A (Paper Session)

ORGANIZER(S): Alan T. Murray, Ohio State University

CHAIR(S): Alan T. Murray, Ohio State University

Introduction: Alan T. Murray, Ohio State University

3:20 Richard Church, UCSB, *Beyond 9-11: the challenges in spatial modeling*

Discussant(s): Jeffrey Osleeb, Graduate Center - CUNY

2531. 'Practices' for teaching economic geography II (Sponsored by Economic Geography Specialty Group)

Room: Tower Court B (Panel Session)

ORGANIZER(S): Henry WC Yeung, National University of Singapore; Mr. Neil Coe, University of Manchester

CHAIR(S): Mr. Neil Coe, University of Manchester

Discussant(s): Mr. Neil Coe, University of Manchester

Panelists: Andrew Jones, Birkbeck, University Of London; Linda McCarthy, University of Wisconsin-Milwaukee; Richard A. Walker, University of California-Berkeley; Henry WC Yeung, National University of Singapore

2532. Ecological Economics and Geography

Room: Tower Court C (Paper Session)

ORGANIZER(S): So-Min Cheong, Texas A&M University

CHAIR(S): So-Min Cheong, Texas A&M University

3:00 So-Min Cheong, Texas A&M University, *Nexus between Ecological Economics and Geography*

3:15 Prof. Brent Haddad, *Choice, Control, and Limits: The Institutional Structure of Urban Water Supply*

3:35 Dr. Adam Rose, Pennsylvania State University, *Interregional and Intergenerational Equity in Climate Change Policy in the U.S.*

Discussant(s): Richard B. Norgaard, University of California At Berkeley

2533. Biogeography Illustrated Paper Session (Sponsored by Biogeography Specialty Group)

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Joy A. Fritschle Mason, University of Connecticut

CHAIR(S): Joy A. Fritschle Mason, University of Connecticut

3:00 Jessica Hartman, University of Utah, *Atmospheric Inputs Recorded in Uinta Mountain Lake Sediments*

3:05 Kelly Burkle, *The Last 6000 years of Vegetation and Climate Change in the Great Basin*

3:10 Barbara A. Holzman, San Francisco State University, *Identifying and Mapping the Distribution of the endangered *Arctostaphylos myrtifolia* (Ione manzanita) within California*

3:15 Deanna Halseth, *Reconstruction of East Canyon Reservoir Environmental Conditions*

3:20 Joy A. Fritschle Mason, University of Connecticut, *Investigating Moss Sanctuary: An ecological history approach to teaching field methods*

3:25 Joy J. Wolf, University of Wisconsin-Parkside, *Windows of opportunity for regeneration: Age structure in varying burn frequencies*

2534. Linking Geomorphology and Ecology (Sponsored by Geomorphology Specialty Group)

Room: Grand Ballroom 1 (Paper Session)

ORGANIZER(S): Melinda Daniels, University of Connecticut

CHAIR(S): Michael A. Urban, University of Missouri

3:00 Wendy Bigler, Southern Illinois University Carbondale, *Using General Land Office Survey Data and Historical Maps to Interpret Channel Change*

3:20 Kevin Spigel, University Of Wisconsin, Madison, *Preliminary interpretations of lake sediments from a varved lake in south-central Wisconsin using environmental magnetism, LOI, and pollen*

3:40 Stuart Greig, *Implementing ecosystem based legislation: UK experiences form the Water Framework Directive*

4:00 Mr. Derek Ray, Northwest Hydraulic Consultants, *The development of tidal channel systems in the presence of expanding eelgrass beds on Roberts Bank, British Columbia, Canada*

4:20 Melinda Daniels, University of Connecticut, *Three-dimensional hydraulic habitats and large woody debris*

2535. Urban Growth and Land Use Modeling

Room: *Grand Ballroom 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey J. Hemphill, UCSB

3:00 Mr. Jeffery Allen, Clemson University, *Predicting Urban Growth on the Atlantic Coast Using an Integrative Spatial Modeling Approach*

3:20 Xiaolan Wu, Ohio State University, *Solution Approaches for Land Use Planning Models Addressing Spatial Contiguity*

3:40 Mr. Nicholas Gazulis, *The SLEUTH Urban Growth Model Online Data Repository*

4:00 Jeffrey J. Hemphill, UCSB, *Time-Space Urban Growth Dynamics*

2536. Emerging Themes in GIScience and Systems (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: *Colorado (Paper Session)*

ORGANIZER(S): Sara Irina Fabrikant, University Of California - Santa Barbara

CHAIR(S): Timothy L. Nyerges, University of Washington

3:00 Mr. Alexandre Sorokine, Oak Ridge National Laboratory, *Minimal Set of Entities and Relations for Environmental Geographic Databases*

3:20 Alison Goss, Purdue University, *Using neural networks and GIS to backcast landscape change in Muskegon Watershed, Michigan, USA*

3:40 Keldah Hedstrom, Oregon State University, *Using GIS as a Farm Management Tool for Grass Seed Growers in the Willamette Valley, Oregon*

4:00 Mr. Jie Wu, University of Washington, *Managing Agendas for Participatory Decision Situations in the PGIST Portal*

4:20 Chen-Chieh Feng, University of Wisconsin-Parkside, *Identification of Semantic Barriers between Surface Hydrology Concepts and Spatial Concepts*

2537. Special Session in Honor of Professor Surinder Bhardwaj (Sponsored by Medical Geography Specialty Group)

Room: *Silver (Paper Session)*

ORGANIZER(S): Bimal Kanti Paul, Kansas State Univ

CHAIR(S): Bimal Kanti Paul, Kansas State Univ

3:00 Jessica Burnum, Kansas State University, *Spatial Analysis of 2003 Seized Methamphetamine Labs in Colorado Springs, Colorado Using GIS*

3:20 Elizabeth Chacko, The George Washington University, *In search of health: the rise of medical tourism in India*

3:40 Bimal Kanti Paul, Kansas State Univ, *Treatment Delay Period: The Case of Arsenicosis in Rural Bangladesh*

4:00 Sumanth G. Reddy, University of North Texas, *A Comparative Analysis of Diseases Associated with Mining and Non-Mining Communities: A Case Study of Obusai and Asankrangwa, Ghana*

4:20 Vicki Brock, *The Siting of Chemical Facilities in Mobile County, Alabama - A Case of Environmental Inequity?*

- 2538. Militarism, human health, and environmental destruction (Sponsored by Socialist and Critical Geography Specialty Group)**
Room: *Gold* (Panel Session)
 ORGANIZER(S): Salvatore Engel-DiMauro, UW- Stevens Point
 CHAIR(S): Salvatore Engel-DiMauro, UW- Stevens Point
 Panelists: Salvatore Engel-DiMauro, UW- Stevens Point; Waquar Ahmed, Clark University; Jenna M. Loyd, UC Berkeley; Jeffrey Sasha Davis, University of Vermont
- 2539. New Performances of Urban Space**
Room: *Century* (Paper Session)
 ORGANIZER(S): Mr. Kristofer Erickson; John Carr
 CHAIR(S): Steve Herbert, University of Washington
3:00 Mr. Kristofer Erickson, *Performing Dystopia: Urban decline in the video game city*
3:15 John Carr, *"Poached;" Skateboarders' Performativity and Activism as Constructing and*
3:30 Taro Futamura, University of Kentucky, *Feeding the Fire of Consumption: Examining Community Politics of Lexington, Kentucky's Smoking Ban*
3:45 Rebecca Sheehan, Louisiana State University, *As the Square Turns: Historical Public Space and its Present Every-day Urban Life*
4:00 Jennifer Blecha, University of Minnesota, *Land of milk and honey? livestock agriculture in a Detroit city schoolyard*
- 2540. 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: *Spruce* (Paper Session)
 ORGANIZER(S): Xiaojun Yang, Florida State University; Victor Mesev, Florida State University
 CHAIR(S): Dale A. Quattrochi, NASA MSFC
3:00 Yang Shao, UNC-Chapel Hill, *Assessing the Spectral, Spatial, and Demographic Characteristics of Rural Migrants in Bangkok, Thailand*
3:20 Christina Q. Li, University Of Southern California, *A Spatially Explicit Hedonic Analysis of Neighborhood Greenspace Effects on Housing Prices*
3:40 Fang Qiu, University of Texas at Dallas, *Locating Brown Field with Fuzzy Weighted Overlay*
4:00 Dale A. Quattrochi, NASA MSFC, *Urban Landscape Characterization Using Remote Sensing Data for Input Into Air Quality Modeling*

2541. Emerging Themes in Political Ecology IV: Diverse Economies (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Denver (Paper Session)

ORGANIZER(S): Kevin St. Martin, Rutgers University

CHAIR(S): Kevin St. Martin, Rutgers University

3:00 Dianne E. Rocheleau, Clark University, *Diverse Economies, Diverse Ecologies and Relational Webs in Zambrana-Chacuey*

3:20 Katherine Albert, *Community Forestry in the Paper Colony: Alternative forest economy experiments in the Acadian Forest*

3:40 Mary Beth Pudup, University of California, Santa Cruz, *Society and Nature in Organized Garden Projects*

4:00 Susannah R. McCandless, Clark University, *Building Community Equity in the Forests of Vermont*

Discussant(s): Margaret I. FitzSimmons, UC Santa Cruz

2546. Multilateral Issues in Northeast Asia (Sponsored by Russian, Central Eurasian, and East European Specialty Group, China Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Columbine (Paper Session)

ORGANIZER(S): Jessica K. Graybill, Univ. of Washington; Mr. Josh Newell, University of Washington

CHAIR(S): Michael J. Bradshaw, University of Leicester

3:00 Jessica K. Graybill, Univ. of Washington, *An imagined periphery? A century of knowing Sakhalin Island*

3:20 JEREMY TASCH, American Councils for International Education, *Environmental Management and its Discontents: Multilateral Discordance on Russias Periphery*

3:40 Ms. Astrid Cerny, University of Washington, *Opportunity for sustainable development lost? Kazak Herders in Northern Xinjiang*

4:00 Mr. Josh Newell, University of Washington, *China's Growing Resource Deficits: The Vital Role of Russian Forests for Chinese Wood Industries*

Discussant(s): Craig ZumBrunnen, University Of Washington

2547. Ethnic Geography Distinguished Scholar: Curtis C. Roseman (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Terrace (Panel Session)

ORGANIZER(S): Carlos Teixeira, Okanagan University College

CHAIR(S): Carlos Teixeira, Okanagan University College

Discussant(s): Jim Allen, California State University, Northridge; Charles Christian, University of Maryland; John Cromartie, USDA

Panelists: Curtis C. Roseman, University Of Southern California

2548. Theorising Other Childhoods in a Globalised World 4: Destabilising embodied geographies of difference*Room: Savoy* (Paper Session)

ORGANIZER(S): Louise Holt, Brighton University; Sarah L. Holloway, Loughborough University

CHAIR(S): Mary E. Thomas, University Of California, Los Angeles

3:00 Caitlin Cahill, City University of New York-The Graduate Center, *Reversing the gaze: Re-presenting the other***3:20** Kirsipauliina Kallio, University Of Tampere, *My body is my territory approaching childrens politics***3:40** Lisa N. Oliver, Simon Fraser University, *Child obesity in Canada: Weighing in the neighbourhood environment***4:00** Lauren Costello, *Childrens Bodies: Just Scratching the Surface*

Discussant(s): Cindi Katz, CUNY Graduate Center

2549. Water Resources, Pollution, and Monitoring*Room: Majestic Ballroom* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kate E. Lehmert, Rutgers/Oklahoma State

3:00 Ms. Amy Haase, *Web-based Tool to Assess Water-quality within Pennsylvania and the Chesapeake Bay Watersheds***3:20** Mustafa Rahim, *Assessing Water Quality for Davis Creek Watershed, Michigan Using AnnAGNPS Model with GIS***3:40** Judith A. Buchino, George Mason University, *Impact of Land Use on Fecal Coliform Levels in Surface Waters of Fairfax County, Virginia***4:00** Nikole Coleman, *Effectiveness of Compensatory Wetland Mitigation in Whatcom County, Washington: A Research Proposa***4:20** Kate E. Lehmert, Rutgers/Oklahoma State, *Spatial and Temporal Trends in Riparian Vegetation Patterns on Stillwater Creek: Stillwater, OK***2550. Exotic Species Invasion Dynamics (Sponsored by Biogeography Specialty Group)***Room: Vail* (Paper Session)

ORGANIZER(S): Susan W. Beatty, University of Colorado, Boulder

CHAIR(S): Susan W. Beatty, University of Colorado, Boulder

3:00 Susan W. Beatty, University of Colorado, Boulder, *Treefall gap disturbance and the facilitation of exotic plant species invasion in wilderness areas.***3:20** Jonathan Friedman, United States Geological Survey, *Influence of phenology, climate, and flow regime on abundance of woody riparian plants in the western USA***3:40** Gabrielle L. Katz, Appalachian State University, *Predicted changes in saltcedar abundance resulting from hydrologic restoration, San Pedro River, Arizona, USA.***4:00** Hilary Getz, University Of Wyoming, *A Study of Initial Invasion of Cheatgrass into Burned Pinyon-Juniper Woodlands***4:20** Liam Michael Reidy, *Stratigraphic evidence for the invasion, timing and migration of European weeds into California.*

2551. Geomorphology and Agriculture

Room: *Tower Exhibit Area (Poster Session)*

ORGANIZER(S): Program Committee

CHAIR(S):

Kristin Jamieson, *A Study of the Active Parabolic Dune in North Beach Park, Ottawa County, Michigan*

Jake Haugland, Gustavus Adolphus College, *Deflation in Patterned Ground across Norwegian Little Ice Age Chronosequences: The Role of Glacier Winds.*

Jared Beeton, *Post-Pinedale Glacial and Periglacial Deposits of the Snow Lake and Nokhu Cirques, Never Summer Mountains, Colorado*

Leland R. Dexter, Northern Arizona University, *Observations and Measurements of Rock Glacier Energy Budgets and Surface Flow Rates, San Juan Mountains, Colorado*

Aaron Feggestad, University of Wisconsin-Madison, *Stable carbon isotope record of Holocene vegetation change on the Central Great Plains*

Mr. Matthew Thompson, Texas State University - San Marcos, *The Influence of Land Use/ Land Cover in Riparian Environments on Channel Change found on the Guadalupe River*

Mr. Zhu Yuanda, *Effects of artificial vegetation on coastal aeolian sand transport: an experimental evaluation*

Xiaofang Wei, Indiana State University, *Modeling Soil Erosion in Hoosier National Forest*

Russell Wheeler, United States Geological Survey, *Earthquake Geology And Urban Areas East Of The U.S. Rocky Mountains*

L Jesse Rouse, NGDC, West Virginia University, *Back in the saddle again: A consideration of differing models of landform data generation*

Jessica Fenske, *Silt and Clay Content of a Grass-covered Parabolic Dune in Badlands National Park*

Thomas P. Feeney, Shippensburg University, *Sleuthing the Origin of Bedrock Fractures in Epikarst*

Michael Applegarth, Shippensburg University, *Moraine discrimination using digital elevation models and field data, Wind River Range, Wyoming*

Abdulaziz N. Al-Ostad, Ministry of Education, *Dust Fallout in Kuwait*

Mark Nelson, *Dunes, Forests, and People during the Late-Holocene: Evidence from Buried Podzolic Soils in the Crepeele Dune Field, Southwestern Manitoba*

Mr. Brandt Theodore, U.S. Geological Survey, *Geologic map of the Canyon Ferry Dam quadrangle, west-central Montana*

Theodore Wachs, Centre for Development and Environment, *Mountain Research and Development*

Emily J. Long, Brigham Young University, *The Effects of Development on Agricultural Land in Suzhou*

Ms. Amethyst Cirno, *Historical and Contemporary Aquaculture Induced Mangrove Depletion in Ecuador*

Leslie A. Duram, Southern Illinois University, *Good Growing: Why Organic Farming Works*

Mr. Mark Finn, *Employing Flash for the Creation of an Interactive Online Map Selection Interface: An Example Utilizing Historical US Crop Statistics*

- Shengju Han, *Development of an Internet GIS Database of Fish Diseases in China*
 Julie Holtz, *A Vineyard Decision Support System for Nebraska Winegrape Growers*
 Victor Meledge-Ade, South Dakota State University, *Cocoa and Coffee Production in Cote D'Ivoire*
 Aaron R. Baker, Brigham Young University, *The Classical Gardens of Suzhou, China*
 Peter S. Lindquist, University Of Toledo, *Northwest Ohios Greenhouse Industry: Competing with the Canadians*
 Drew E. Bennett, University Of Denver, *Conserving biodiversity and sustaining livelihoods through coffee in Nicaragua*
 Craig S. Revels, Portland State University, *Poplar Dreams: New Forest Landscapes in the Pacific Northwest*
 John T. Morgan, Emory & Henry College, *Seed Saving in North Carolina*
 Thomas Dvorak, University of Iowa/Oklahoma State, *Russian Wheat Aphid Presence Detection Using Remote Sensing*

5:00 p.m. - 6:30 p.m.

2621. Plenary: Geographies of Fear and Hope I: Economies, Politics and Peace

Room: Plaza Ballroom D (Plenary Session)

- Introduction: Victoria Lawson, AAG President; Department of Geography, University of Washington
 Patricia Limerick, History and Center of the American West, University of Colorado at Boulder
 Matt Sparke, Department of Geography, University of Washington
 Sarah Radcliffe, Department of Geography, Cambridge University, UK
 Vine Deloria, former executive director of the National Congress of American Indians and Professor Emeritus of History at the University of Colorado at Boulder.

7:00 p.m. - 8:00 p.m.

2731. Henri Lefebvre: politics, state, space

Room: Tower Court B (Panel Session)

- ORGANIZER(S): Neil Brenner, New York University; Stuart Elden, University Of Durham
 CHAIR(S): Neil Brenner, New York University
 Introduction: Stuart Elden, University Of Durham
 Panelists: Christian Schmid, Swiss Federal Institute of Technology Zurich; Kanishka Goonewardena; Stefan Kipfer, York University; Joe Painter, University Of Durham; Nathan F. Sayre, University of California, Berkeley; Bob Jessop, Lancaster University

7:30 p.m. - 10:30 p.m.**World Geography Bowl**

Room: Various

See page 30 for details.

8:00 p.m. - 9:00 p.m.**2801. Long-Lost Topics in Cultural Geography (Sponsored by Cultural Geography Specialty Group)**

Room: Plaza Court 1 (Panel Session)

ORGANIZER(S): Artimus Keiffer, Wittenberg University

CHAIR(S): Artimus Keiffer, Wittenberg University

Panelists: Allen G. Noble, University of Akron; Erika Doss, University of Colorado, Boulder; Soren Larsen, Georgia Southern University; Kevin S. Blake, Kansas State University

2831. Henri Lefebvre: politics, state, space

Room: Tower Court B (Panel Session)

This session is a continuation of the previous timeslot, 2731.

8:00 a.m. - 9:40 a.m.

3101. Establishing GIS Professional Masters Degrees (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)

Room: Plaza Court 1 (Panel Session)

ORGANIZER(S): Breandán Ó HUallacháin, Arizona State University

CHAIR(S): Breandán Ó HUallacháin, Arizona State University

Introduction: Breandán Ó HUallacháin, Arizona State University

Panelists: Steven M. Manson, University Of Minnesota; John Rogan, Clark University; Robert Balling, Jr., Arizona State University

3102. Activism and Expertise: Modes of Engagement in the Politics of Urban Development (Sponsored by Qualitative Research Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Plaza Court 2 (Paper Session)

ORGANIZER(S): Robert W. Lake, Rutgers University; Kathe Newman, Rutgers University

CHAIR(S): Kathe Newman, Rutgers University

8:00 Eugene McCann, Simon Fraser University, *The City in the World: Geographical Imaginations, Global Flows of Knowledge, and Urban Policy.*

8:20 Gretchen Susi, Dept. of Environmental Psychology - City University of New York Graduate Center, *Not an either/or: the housing projects and the think tanks*

8:40 James C. Fraser, University Of North Carolina, *Trespass the Performance: Authoring Democratic Spaces for Citizenship in the City*

9:00 Steve Herbert, University of Washington, *The Trapdoor of Community*

9:20 Robert W. Lake, Rutgers University, *Neighborhood Planning and the Neoliberalization of Urban Protest*

3103. Latinos and the Transformation of Place in the New South (Sponsored by Ethnic Geography Specialty Group)

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Heather Anne Smith, University of North Carolina at Charlotte; Owen Furueth, University Of North Carolina - Charlotte

CHAIR(S): Heather Anne Smith, University of North Carolina at Charlotte

8:00 Anita Drever, University of Tennessee, *New Neighbors in Dixie: Socio-demographic characteristics of Latinos in Tennessee*

8:20 Tamara Johnson, UNC Chapel Hill, *Somos Dominicanos: Exploring Dominican Communities, Transnational Identities, and Social Spaces in Urban North Carolina*

8:40 Clare Ginger, University of Vermont, *Migrants, Markets and Management of Natural Resources in Western North Carolina*

9:00 Owen Furueth, University Of North Carolina - Charlotte, *Latino Hyper-growth and the Challenges of Service Provision*

3104. Experiencing History: Markers, Trails, and Sites (Sponsored by Historical Geography Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): Matthew J Gerike, Kansas State University; Abbey McNair
CHAIR(S): Matthew J Gerike, Kansas State University

8:00 Anne E. Mosher, Syracuse University, *"Weak Hauntologies" and the Interpretation of an Urban National Monument: Fort Stanwix, New York*

8:20 Douglas Seefeldt, University Of Nebraska - Lincoln, *There Should Be a Granite Shaft, and Many Road Markers: Memorializing the Mountain Meadows Massacre, 1859-1999*

8:40 Abbey McNair, *All About a Line: The Sidney-Black Hills Trails Impact on the Cultural Landscape of Western Nebraska and South Dakota*

9:00 Matthew J Gerike, Kansas State University, *Scales of Historical Representation: Commemorating the Santa Fe Trail in Missouri*

Discussant(s): William Matthew Hunter, Heberling Associates, Inc

3105. Geographic Information Science in Mountain Geography (Sponsored by Spatial Analysis and Modeling Specialty Group, Remote Sensing Specialty Group, Mountain Geography Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Ulrich Kamp, DePaul University

CHAIR(S): Michael P. Bishop, University of Nebraska-Omaha

8:00 Jose G. Roa, University Of Maryland - College Park, *Vulnerability vs. Predictability in Landslide Hazard Zonation: A Comparison Between Inclusive Statistical and Exclusive Topographical Approaches*

8:20 Suzanne Schmidt, *Mesoscale Snow Cover Monitoring with Digital Terrestrial Images in a high Alpine Valley (Loetschental, Switzerland)*

8:40 Mr. Tobias Bolch, *Using DEMs, Landsat and ASTER Data to study and visualize Geomorphology and Glaciers in Northern Tien Shan (Kazakhstan/Kyrgyzstan)*

9:00 Michael P. Bishop, University of Nebraska-Omaha, *Studying Climate Forcing and Surface Processes using a Mountain Hillslope Evolution Model*

3106. Authors Meet the Critics: New Books on California Agriculture by Julie Guthman and Richard Walker (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Plaza Court 6 (Panel Session)

ORGANIZER(S): Erica Schoenberger, Johns Hopkins University

CHAIR(S): Erica Schoenberger, Johns Hopkins University

Introduction: Erica Schoenberger, Johns Hopkins University

Panelists: Mary Beth Pudup, University of California, Santa Cruz; Brian Page, University of Colorado at Denver and Health Sciences Center; Elizabeth C. Dunn, University Of Colorado - Boulder; George L. Henderson, University Of Minnesota; Richard A. Walker, University of California-Berkeley; Julie Guthman, Univ of California Santa Cruz

3107. Borderline Contradictions: Neoliberalism, Unauthorized Migrations, and Growing Immigration Policing I (Sponsored by Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Monica Varsanyi, New School University and Sarah Lawrence College; Joseph Nevins, Vassar College

CHAIR(S): Monica Varsanyi, New School University and Sarah Lawrence College

8:00 Joseph Nevins, Vassar College, *Dying for a Cup of Coffee: Migrant Deaths in the US-Mexico Border Region in a Neoliberal Age*

8:15 Catherine Nolin, U of Northern BC, *Spaces of insecurity: Migration and militarization along the Guatemala-Mexico border*

8:30 Kenneth D. Madsen, Arizona State University, *Migration and Smuggling Across the Tohono O'odham Nation: New Paths, Not-So-New Problems*

8:45 Heather Merrill, Dickinson College, *Bordering Humanism: life and death on the margins of Europe*

3108. Dendroclimatology I (Sponsored by Climate Specialty Group, Biogeography Specialty Group)

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State University; Henri D. Grissino-Mayer, University of Tennessee

CHAIR(S): Henri D. Grissino-Mayer, University of Tennessee

8:00 Glen M. MacDonald, University Of California, *Circumpolar treeline dynamics over the past 500 years*

8:20 Qi-Bin Zhang, *Tree-ring evidence of the Monsoon-ENSO relationships over Qinghai-Tibetan Plateau*

8:40 Anthony Fowler, *400 years of El Niño Southern Oscillation (ENSO) variability reconstructed from kauri tree-rings*

9:00 Jason Sibold, Dept. of Geography, University of Colorado, Boulder, *Influences of Pacific (ENSO and PDO) and Atlantic (AMO) Ocean climate drivers on subalpine zone fire occurrence in the Colorado Front Range*

Discussant(s): Henri D. Grissino-Mayer, University of Tennessee

3109. Soils

Room: Governor's Square 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Randall Schaetzl, Michigan State University

8:00 Sharon Whitmoyer Waltman, USDA NRCS National Geospatial Development Center, *GIS Methods for Linking Soil Point Measurements to North American Soil Geographic Databases*

8:20 Ms. Amanda Moore, *Predicting Soil Property Variation Using a Soil Landscape Inference Model*

8:40 Kenneth McDonald, Department of Geography and Environmental Engineering, USMA, *Modeling military trampling effects on glacial soils in the humid continental climate of Southern New York.*

9:00 Nancy Hoalst Pullen, INSTAAR, University of Colorado, *From In Situ Sampling to Remote Sensing: Scaling Hydrology and Soil Properties in Tropical Forests*

9:20 Randall Schaetzl, Michigan State University, *Using the Runge Model to Help Explain the Genesis and Distribution of Some "Out of Place" Soils in Michigan*

3110. Multidisciplinarity in Geography: What Does the Future Hold? (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Governor's Square 10 (Panel Session)

ORGANIZER(S): Jessica K. Graybill, Univ. of Washington; Ms. Carol Atkinson-Palombo, Arizona State University

CHAIR(S): Patricia Gober, Arizona State University

Introduction: Ms. Carol Atkinson-Palombo, Arizona State University

Discussant(s): LaDona G. Knigge, University @ Buffalo (SUNY)

Panelists: Patricia Gober, Arizona State University; David M. Mark, University at Buffalo; Craig ZumBrunnen, University Of Washington; Wendy Bigler, Southern Illinois University Carbondale; Jessica K. Graybill, Univ. of Washington

3111. Environmental Applications of High Spatial Resolution Remote Sensing (Sponsored by Remote Sensing Specialty Group)

Room: Governor's Square 11 (Paper Session)

ORGANIZER(S): Le Wang, Texas State University; Jane M. Read, Syracuse University

CHAIR(S): Le Wang, Texas State University

8:00 Ruiliang Pu, University of California, Berk, *Invasive Species (Saltcedar) Change Detection Using CASI hyperspectral data at Lovelock Site, Nevada, USA*

8:20 Mr. Matthew E. Ramspott, Kansas Applied Remote Sensing Program, *Remote Sensing Methods for Grassland Characterization and Inventory in Northeast Kansas*

8:40 Richard J. Aspinall, Arizona State University, *Mapping wetland and riparian features with high spatial resolution multispectral and hyperspectral imagery.*

9:00 Le Wang, Texas State University, *Mapping mangrove forests with multi-temporal remote sensing imagery*

3112. Brownfields

Room: Governor's Square 12 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christopher Anthony De Sousa, University Of Wisconsin - Milwaukee

8:00 Susan Mettle, *An Analysis of Closed Landfill Sites in Hays County, Texas*

8:20 Nancey Green Leigh, Georgia Institute of Technology, *Modeling the Brownfield Relationship to Property Values and Community Revitalization*

- 8:40** Rod Francis, Westfield State College, *Brownfield Redevelopment Sites and Housing Opportunities in New England*
- 9:00** David Farritor, Louisiana State University, *A Comparison of Industries Contributing to Brownfields in Shreveport, Louisiana and Davenport, Iowa*
- 9:20** Christopher Anthony De Sousa, University Of Wisconsin - Milwaukee, *The role of nonprofit organizations in the greening of urban brownfields*

3114. Canada Mexico Forum I

Room: Governor's Square 14 (Paper Session)

ORGANIZER(S): John R. Miron, University of Toronto; Ignacio Kunz, National University of Mexico

CHAIR(S): John R. Miron, University of Toronto

8:00 Ignacio Kunz, National University of Mexico, *Dealing with urban regeneration in the inner city of Monterrey, Mexico.*

8:20 Ms. Jill Wigle, University Of Toronto, *Housing, Livelihoods and Urban Space: A Case Study from Mexico City*

8:40 Dr. Manuel Molla, Universidad Autonoma De Madrid, *Housing versus Environment Conservation in the South of Mexico City (Tlalpan)*

3115. Blindness, Cartography and Navigation: recent research in tactile cartography

Room: Governor's Square 15 (Paper Session)

ORGANIZER(S): Mr. Simon Ungar; Mr. Jonathan Rowell

CHAIR(S): Mr. Jonathan Rowell

8:00 Mr. Simon Ungar, *Cartographic Tactualisation: a perceptual-cognitive approach to map design in the Tactile Inkjet Mapping Project*

8:20 Mr. Jonathan Rowell, *Cartography in Touch: Conflict and Consistency Between Tactile Map Producers and Users*

8:40 Sandra Jehoel, *Discriminability of map symbols in tactile cartography*

9:00 Mr. Joshua Miele, *Tactile Map Automated Production (TMAP): On-Demand Accessible Street Maps for Blind and Visually Impaired Travelers*

9:20 R Dan Jacobson, University Of Calgary, *Auditory display in non-visual and tactile map interfaces*

3116. Investigating the Geographies of Justice Movements: Session 1

Room: Governor's Square 16 (Paper Session)

ORGANIZER(S): Walter J. Nicholls; Justin Beaumont, Utrecht University

CHAIR(S): Walter J. Nicholls

8:00 CLIVE BARNETT, *Arcs of democratization*

8:20 Mr. Paul Routledge, University of Glasgow, *Entangled Operational Logics of Global Justice Networks*

8:40 Justus L. Uitermark, UNIVERSITY OF AMSTERDAM, *Improvising alternative futures. Hierarchy, inequality and the search for respect in alternative dance*

9:00 Justin Beaumont, Utrecht University, *Between relationality and territoriality: investigating the geographies of justice movements in The Netherlands and the United States*

Discussant(s): Kevin R. Cox, Ohio State University

3117. Segregation in Metropolitan Areas

Room: *Governor's Square 17* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sarah Brinegar, Marshall University

8:00 Chris Fowler, *Inequality and the Middle Class in American Cities*

8:20 Jason Bryan Jindrich, University Of Minnesota, *The Spatial Persistence of Chicago's Non-Elite Suburban Communities.*

8:40 Erica Trafton, *Gentrification and Socioeconomic Polarization across Central City Milwaukee*

9:00 Nancy A. Ross, McGill University, *The Dynamics of Income Segregation in the 1990s: A Comparison of Canadian and American Cities*

9:20 Sarah Brinegar, Marshall University, *A Comparative Analysis of Segregation and Urban Character: the Metropolitan Statistical Areas of Cincinnati, Cleveland, and Columbus, Ohio*

3118. The Social Accommodation of Nonhuman Difference I (Sponsored by Cultural Geography Specialty Group)

Room: *Plaza Ballroom A* (Paper Session)

ORGANIZER(S): Russell S. Hitchings, University College London; Jamie Lorimer, University of Bristol

CHAIR(S): Jamie Lorimer, University of Bristol

Introduction: Jamie Lorimer, University of Bristol

8:10 Traci Warkentin, *Practical Considerations for Accommodating Whale Participants in Research*

8:30 Leesa Fawcett, Faculty of Environmental Studies, York University, *Ways of Echolocating and Mindfulness in Whales and Bats*

8:50 Ms. Charlie Chambers, *Keeping an Eye on Nature: Bird Watching Through the CCTV Lens*

9:10 Jamie Lorimer, University of Bristol, *The moral temporalities of UK biodiversity conservation*

Discussant(s): Russell S. Hitchings, University College London

3119. Tourism Impacts: International Perspectives

Room: *Plaza Ballroom B* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susan Wolfenbarger, Eastern Kentucky University

8:00 Friedrich M. Zimmermann, University of Graz, *Conceptions and Misconceptions of Regional Tourism Development and Planning*

8:20 Pere A. Salva-Tomas, University de les Illes Balears, *Tourism and Social Change in Balearic Islands (Spain): From the Rural Islands to a Mass Tourism Destination*

8:40 Rosana Grafals, *Tourism in the Caribbean: A deconstruction and comparison of the Greater Antilles as tourism destinations*

9:00 Rob Long, University Of Missouri - Colombia, *Cenotes & tourism in the Yucatan Peninsula*

9:20 Susan Wolfenbarger, Eastern Kentucky University, *Too Many People? Ecuadorian Migration to the Galápagos Islands*

3120. Natural Hazard Vulnerabilities*Room: Plaza Ballroom C (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jay S. Hobgood, Ohio State University

8:00 Bryan Boruff, University of South Carolina, *Scalar Differences in Measuring the Social and Biophysical Vulnerability of Small Island Nations***8:20** Thomas Mitchell, University College London, *Institutionalising Disaster Risk Reduction***8:40** Mr. Timothy Eveleigh, George Washington University, *A Systems Engineering Approach to Geographic Information Management for Natural Disaster Impact Modeling***9:00** Kevin Borden, University of South Carolina, *A Simplified Allocation Model to Assess Emergency Shelter Accommodations***9:20** Jay S. Hobgood, Ohio State University, *Florida Hurricanes in 2004***3121. Arctic and Alpine Biogeography***Room: Plaza Ballroom D (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Julie Tuttle, University of Georgia

8:00 Rebecca Klady, University of British Columbia, *Effects of ten years experimental warming on a high arctic soil seed bank, Alexandra Fjord (Ellesmere Island).***8:20** Tom Allen, Old Dominion University, *Modeling Diagnostic Spectral-Ecological Change at Subarctic Treeline, Finnish Lapland***8:40** Mr. Ryan Danby, *Recent Vegetation Dynamics at a Subarctic Alpine Treeline***9:00** Julie Tuttle, University of Georgia, *Ecotonal Change in High-Elevation Forests of the Great Smoky Mountains, 1930s - 2004***3122. Ireland: Political and Social Issues I***Room: Plaza Ballroom E (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Sara McDowell

8:00 Kieran Rankin, University College Dublin, *Creativity and conflict in the cartography of partition in Ireland 1912-1925***8:20** Ms. Arlene Crampsie, *Local Authorities and National Government: A case study of state-locality relations in Ireland Rural District Councils, 1898 1925***8:40** Garry Prendiville, University Of Dublin, *New metropolitan writings: conceptions of correspondence in early 19th century Ireland***9:00** Catherine Switzer, *Marking the Scoreboard of Commitment: Names and Great War commemoration in the north of Ireland***9:20** Sara McDowell, *Re-politicising the past in 'post-conflict' Northern Ireland: Carving new narratives of the Troubles onto the cultural landscapes*

- 3123. Ecohydrological Modeling of Catchment Carbon, Water and Nutrient Cycles: I**
Room: Plaza Ballroom F (Paper Session)
 ORGANIZER(S): Lawrence Band, University Of North Carolina - Chapel Hill
 CHAIR(S): Lawrence Band, University Of North Carolina - Chapel Hill
 Introduction: Lawrence Band, University Of North Carolina - Chapel Hill
8:05 Lawrence Band, University Of North Carolina - Chapel Hill, *Integrated modeling of carbon, water and nutrient cycling at the watershed scale*
8:25 Luc Claessens, San Diego State University, *Hydro-Ecological Linkages in Urbanizing Watersheds: The Role of Small Streams in Controlling Nitrogen Export*
8:45 Prof. Scott Mackay, State University of New York at Buffalo, *Spatially Explicit Observations and Modeling of Forest Canopy Transpiration Along Moisture Gradients in Semi-Arid and Humid Climates*
9:05 Mr. Daehyok Shin, UNC CHAPEL HILL, *Toward more usable environmental model: an experience to integrate RHESys to CatchLab*
 Discussant(s): Christina Tague, San Diego State University
- 3124. Sexy Spaces: Sexualised/Erotic Spaces (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)**
Room: Director's Row E (Paper Session)
 ORGANIZER(S): Kath Browne, University of Brighton; Tiffany K. Muller, University Of Minnesota
 CHAIR(S): Tiffany K. Muller, University Of Minnesota
8:00 Dr. RDK Herman, Towson University, *Of Human Bondage: Playing with Restraints in a BDSM community.*
8:20 Prof. Adam Green, York University, *Erotic Habitus: Mapping the Geographies of the Erotic Imagination*
8:40 Prof. Catherine Jean Nash, Brock University, *Undressing the researcher: feminism, embodiment, and sexuality at a queer bathhouse event*
9:00 Prof. Alan Brown-Hart, University of Oklahoma, *Contentious Spaces: Bathhouses and the (Queer) Body Politic*
 Discussant(s): Kath Browne, University of Brighton
- 3125. Agriculture and Drought**
Room: Director's Row F (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Prof. Kathleen Baker, Western Michigan University
8:00 Leon Palmer, Grand Valley State University, *Analysis of Seasonal Temperature Variation in Michigan and the Geographical Influence on Corn and Soybean Crops from 1942-2042.*
8:20 Colleen M. Garrity, SUNY College at Geneseo, *Atmospheric moisture characteristics under drought and non-drought surface conditions in the Western United States*
8:40 Ryan Kangas, Desert Research Institute, *Spatial and Temporal Extents of Drought in the U.S.*

- 9:00** Aondover Tarhule, University of Oklahoma, *Wet and dry rainfall regimes and years in the Sahel: Identifying the causes from empirical records*
- 9:20** Prof. Kathleen Baker, Western Michigan University, *Accuracy and suitability of medium range weather forecasts for predicting agricultural disease risk*

3127. Urban Restructuring, Management and Spatial Impacts on Cities in Latin America. (Sponsored by Urban Geography Specialty Group, Regional Development and Planning Specialty Group, Latin America Specialty Group)

Room: Director's Row H (Paper Session)

ORGANIZER(S): Joel Outtes, UFRGS-UNIVERSIDADE FEDERAL DO

CHAIR(S): Joel Outtes, UFRGS-UNIVERSIDADE FEDERAL DO

8:00 Hugo M. Zunino, University of Chile, *Exploring the geography and politics of gentrification in Santiago, Chile: the State, local governments, and private investors.*

8:20 Michael S. Yoder, Texas A&M International Univ, *Neoliberalism, Manufacturing, and Suburbanization in Northern Mexico: An Examination of the Changing Geographies of Mid-Sized Cities*

8:40 Joel Outtes, UFRGS-UNIVERSIDADE FEDERAL DO, *Economic Restructuring and its Spatial Impact in Porto Alegre, Brazil.*

3130. Postcolonialism Meets Economic Geography I: Theoretical Engagements

Room: Tower Court A (Paper Session)

ORGANIZER(S): Dr. Jane S. Pollard, University Of Newcastle Upon Tyne; Cheryl McEwan, University Of Durham

CHAIR(S): Dr. Jane S. Pollard, University Of Newcastle Upon Tyne

8:00 Nancy Ettlinger, Ohio State University, *Critical Theory and Economic Geography*

8:20 Clare Newstead, Nottingham Trent University, *Ideas toward a post-colonial geography of economic geography*

8:40 Cheryl McEwan, University Of Durham, *Empowerment and ethical trade: scattered speculations on Spivak and wine*

9:00 Marc Boeckler, *Other entrepreneurs (!) other spaces*

Discussant(s): Ann Oberhauser, West Virginia University

3131. Ground Truth & Critical GIS: A research agenda for the future (I) (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Tower Court B (Paper Session)

ORGANIZER(S): Sarah Elwood, University of Arizona; Nadine Schuurman, Simon Fraser University

CHAIR(S): Nadine Schuurman, Simon Fraser University

8:00 Eric S. Sheppard, University Of Minnesota - Minneapolis, *Knowledge Production through Critical GIS*

8:20 Michael R. Curry, University Of California, Los Angeles, *Rewriting the history of GIS*

8:40 Sarah Elwood, University of Arizona, *Deconstructing GIS, Reconstructing GIS: Critical Agency in the Knowledge Practices of Geographic Information Science*

9:00 Michele Masucci, Temple University, *Empowerment and the Digital Divide: a Feminist Analysis of Poor Womens Frameworks for Using Information and Communications Technologies*

9:10 Melissa R. Gilbert, Temple Univ, *Empowerment and the Digital Divide: a Feminist Analysis of Poor Womens Frameworks for Using Information and Communications Technologies*

Discussant(s): Daniel Weiner, West Virginia University

3132. Tourism and the Tourist in the American West (Sponsored by Recreation, Tourism, and Sport Specialty Group, Rural Geography Specialty Group, Cultural Geography Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Amanda Rees, University Of Wyoming

CHAIR(S): Amanda Rees, University Of Wyoming

8:00 Prof. Duncan Jamieson, Ashland University, *The Bicycle and National Parks*

8:20 Amanda Rees, University Of Wyoming, *Class and the Dudescape: Dude Ranching in Grand Teton National Park 1908-1955*

8:40 Anthony Chiaviello, The University of Houston-Downtown, *The Sentimental Genre in Cartography: The Rhetoric of a "Tourist Map" of Southeast Arizona*

9:00 Patrick Long, University of Colorado, Boulder, *Economic and Social Impacts of Second Homes*

Discussant(s): Alan A. Lew, Northern Arizona University

3133. Fluvial Systems and Processes

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Patricia Beyer, Bloomsburg University of Pennsylvania

8:00 Dan Royall, UNC-Greensboro, *A Magnetic Assessment of Urban Surface Sediment*

8:05 Mr. Casey Thornbrugh, University of Arizona, *Development of the Arizona Drought Impacts Database*

8:10 Christine E. McMichael, Morehead State University, *Modeling the effects of fire size and location on streamflow in a California chaparral watershed*

8:15 Ms. Andrea Trageser, *The Effects of Impervious Surfaces on Stream Hydrology*

8:20 Ms. Leora Nanus, *Predicting Lake Sensitivity to Atmospheric Deposition in Rocky Mountain National Parks Using GIS and Multivariate Logistic Regression*

8:25 Dibyajyoti Tripathy, Purdue University, *Hydrologic Effects of Urbanization on the Watershed of Silver Creek Near Sellersburg, Indiana*

8:30 Patricia Beyer, Bloomsburg University of Pennsylvania, *A Tale of Two Hurricanes, or Flood Frequency Analysis for the Susquehanna River in Central Pennsylvania*

3134. Intractable Environmental Conflicts I

Room: *Grand Ballroom 1* (Paper Session)

ORGANIZER(S): Gina Bloodworth, Penn State University

CHAIR(S): Gina Bloodworth, Penn State University

8:00 David Correia, University Of Kentucky, *Shutting Down the Forest: Regulation and Conflict in Northern New Mexico*

8:20 Katharine Meehan, *Water, decentralization and environmental change in post-war Guatemala*

8:40 Gina Bloodworth, Penn State University, *The Delaware Water Gap National Recreation Area: Practical Compromise to an Intractable Environmental Dispute*

3135. The Global Countryside I

Room: *Grand Ballroom 2* (Paper Session)

ORGANIZER(S): Deborah Dixon; Mr. Michael Woods

CHAIR(S): Deborah Dixon

8:00 Matt McCourt, University of Maine at Farmington, *Hounding Hunters, Baiting Voters: Tracking Rurality, Expertise, and Outsiders in Maines Bear Hunting Debates*

8:20 Mr. Michael Woods, *The Global Countryside? Globalisation, Hybridity and the Reconstitution of Rural Space*

8:40 David J. Bell, Staffordshire University, *Global Rural Idylls*

9:00 Alistair Scott, *Community representations of rurality: what kind of countryside do we want?*

3136. Geography and the American Liberal Arts College I: Best Practices and Successful Program Models

Room: *Colorado* (Panel Session)

ORGANIZER(S): William G. Moseley, Macalester College; David A. Lanegran, Macalester College

CHAIR(S): William G. Moseley, Macalester College

Introduction: William G. Moseley, Macalester College

Panelists: Karen M. Morin, Bucknell University; Ralph Lenz, Wittenberg University; Peter Klepeis, Colgate University; Norman T. Moline, Augustana College; Charles Mahaffey, Augustana College; Brian J. Godfrey, Vassar College; David A. Lanegran, Macalester College

3137. Atmospheric Circulation Variability (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)

Room: *Silver* (Paper Session)

ORGANIZER(S): Oliver W. Frauenfeld, University of Colorado; Robert E. Davis, University of Virginia

CHAIR(S): Oliver W. Frauenfeld, University of Colorado

8:00 Robert E. Davis, University of Virginia, *Trends in the Altitude of Fast Upper Tropospheric Winds over the Northern Hemisphere: 1958-2004*

8:20 Mr. Courtenay Strong, University of Virginia, *Trends in the Speed of Fast Upper Tropospheric Winds Over the Northern Hemisphere: 1958-2004*

- 8:40 Tracy Ewen, *Reconstruction of the PNA index from historical upper air data*
 9:00 Michelle L'Heureux, *Observed Relationships between the El Niño- Southern Oscillation and the Annular Modes*
 9:20 Mr. Michael Alexander, *The Impact of ENSO on the North Pacific Atmosphere-Ocean System*

3138. Geographies of Popular Conservatism/Geographies of the Right

Room: *Gold* (Paper Session)

ORGANIZER(S): Chris Niedt, UC Berkeley

CHAIR(S): Chris Niedt, UC Berkeley

8:00 Ju Hui Judy Han, University Of California - Berkeley, *Theology of Empire: Production of a Worldview*

8:20 Joshua F. Inwood, The University Of Georgia, *Whitewash: Investigating the role of White Privilege in the Construction of Racialized Landscapes*

8:40 R. Alan Walks, University Of Toronto, *Urban Space, Lifestyle, and Support for Privatization: A Toronto Case Study*

9:00 Chris Niedt, UC Berkeley, *Gentrification and the Grassroots*

Discussant(s): Jenna M. Loyd, UC Berkeley

3139. Concepts and Theories in Cultural and Political Ecology, I (Sponsored by Cultural and Political Ecology Specialty Group)

Room: *Century* (Paper Session)

ORGANIZER(S): Eric Keys, Arizona State University; Eric P Perramond, Stetson University

CHAIR(S): Eric Keys, Arizona State University

Introduction: Eric Keys, Arizona State University

8:02 Eric Keys, Arizona State University, *The Hidden Hand or the Seen Face: Understanding Markets in Cultural and Political Ecology*

8:20 Gregory W. Knapp, University Of Texas - Austin, *Cultural Ecology in the 21st Century*

8:40 Robert J. Neff, Penn State University, *Grounded Assessment: Using grounded theory and critical perspectives in vulnerability assessments.*

9:00 Rinku Roy Chowdhury, University Of Miami, *Scales in institutional ecology: some implications for land-change theory and policy*

Discussant(s): Paul Robbins, University of Arizona

3140. Governing Citizens, Territory, War (Sponsored by Political Geography Specialty Group)

Room: *Spruce* (Paper Session)

ORGANIZER(S): Deborah Cowen, University of Toronto; Emily Gilbert, University of Toronto

CHAIR(S): Emily Gilbert, University of Toronto

8:00 Matthew Farish, University of Toronto, *Panic, Civility, and the Homeland*

8:20 Prof. Martín Félix E., *Trans-nationalization of the Military Identity and Its Impact on the External-Peace-and-Internal-Violence Paradox in South America*

8:40 Ipsita Chatterjee, Clark University, *Nation State in the "Global village", End of History or its Rejuvenation? The Neoliberal Political Economy of Hindu Nationalism in Global India.*

9:00 Susannah Bunce, York University, *Security, Citizenship and the Militarization of Space on the Urban Waterfront: A Study of the Port District in Toronto, Canada.*

9:20 Matthew G. Hannah, University Of Vermont, *Terrorism, topology and Guantanamo Bay*

3141. Fire History from Dendrochronology (Sponsored by Biogeography Specialty Group)

Room: Denver (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State University; Lori D. Daniels, University of British Columbia

CHAIR(S): Lori D. Daniels, University of British Columbia

8:00 Evan Larson, University Of Tennessee, *Spatiotemporal Variations in Fire Regimes of Whitebark Pine (Pinus albicaulis Engelm.) Forests in the Lolo National Forest, Montana, USA: Range of Variability and Management Implications*

8:20 Georgina Wight, University Of Tennessee, *Variability of fire regimes and stand structure in yellow pine (Pinus) stands, Jefferson National Forest, Virginia*

8:40 Christopher Gentry, Indiana University, *Reanalysis of the fire history in Pinus resinosa stands of the Mississippi Headwaters, Itasca State Park, Minnesota*

9:00 Don Youngblut, Carleton University, *A Fire History from Southwest Yukon: Dendrochronological Dating of Lodgepole Pine Fire Scars*

9:20 Peter Brown, *Spatial and Temporal Variations in Importance of Antecedent and Fire Year Moisture for Fire Occurrence*

3143. Agriculture and Sustainability in Latin America

Room: Beverly (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susan M. Roberts, University Of Kentucky

8:00 FLAVIA ECHÁNOVE, *Restructuring and Livelihood Strategies: the Case of Fruit Growers in Mexico*

8:20 Brian Forn, United States Military Academy, *The Hunger for Land: Three Types of Efforts at Sustainable Land Reform in Brazil since Independence in 1822*

8:40 Mr. Mario Giraldo, *Planning Sustainable Agriculture in the Caribbean humid tropics of Costa Rica*

9:00 Heidi Hausermann, *Adapting to Coffee in the Global Economy: Producer Responses and Institutional Intervention in Veracruz, Mexico.*

9:20 Susan M. Roberts, University Of Kentucky, *Professionalized Subjects and Participatory Practices: Stories from the Chimalapas Forest*

3144. African Human Geography I

Room: Biltmore (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ikubolajeh Logan, Department of African American Studies and Geography, Penn State University

8:00 Laragh Larsen, *Monuments, iconography and the urban landscape in colonial and post-independence Nairobi, Kenya*

- 8:20 Kibutu N. Thomas, University of Leicester, *The Maasai and the State: Land reforms, changing livelihood strategies and masculine identities*
- 8:40 Brennan Kraxberger, Central Michigan University, *The Geography of Traditional Rulers in Nigeria.*
- 9:00 Siaw — Akwawua, University of Northern Colorado, *Resource Sourcing and Capacity Building in African Miniaturized States: Problems and Prospects*
- 9:20 Ikubolajeh Logan, Department of African American Studies and Geography Penn State University, *Globalization, Blood Diamonds and Bloody Civil Wars: the Case of Sierra Leone.*

3145. New Issues in Globalization

Room: *Captiol* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John R. Grimes, Florida State University

8:00 Benjamin F. Tillman, Texas Christian University, *Measuring Globalizations Influence on the Cultural Landscape: Spatial Succession in the Plaza of Ponce, Puerto Rico.*

8:20 Mr. Olivier Vilaca, *Understanding global companies*

8:40 Giorgio Hadi Curti, California State University - Northridge, *The Globalization of Ideas: Thought, Cause, and Development - The Dumézilian Tripartite March.*

9:00 John R. Grimes, Florida State University, *The Spatiality and Strategic Use of Trade Policies Across Political Scales: The U.S. vs. the E.U.*

3146. Changing Economic Geography of Developing Countries I: Industrial Changes (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: *Columbine* (Paper Session)

ORGANIZER(S): Yifei Sun, California State University; Shuguang Wang, Ryerson University

CHAIR(S): Wolfgang Hoeschele, Truman State University

8:00 Waqar Ahmed, Clark University, *Indias Economic Transition: Exogenous Influences and Endogenous Contradictions*

8:20 Shuguang Wang, Ryerson University, *The Emerging Retail Hierarchy in Shanghai and the Role of Shopping Centers*

8:40 James T. Murphy, University of Richmond, *Neo-liberal reform, socio-economic space, and endogenous industrial development in the Global South: Assessing the potential of Bolivia and Tanzanias manufacturing sectors*

9:00 Jiantao Lu, University of California, *The Spatial Difference between Overseas Chinese and Non-Chinese Investments in China*

9:20 Wolfgang Hoeschele, Truman State University, *The Changing International Division of Labor, 1980-2000: Emergence of the Partially Industrialized, Manufactures Exporters*

- 3147. From Walden Pond to the Space Shuttle Columbia: Sacred Space in the Americas (Sponsored by Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)**
Room: Terrace (Paper Session)
 ORGANIZER(S): Michael P. Ferber, West Virginia University
 CHAIR(S): Darrel L. McDonald, Stephen F Austin State University
8:00 Joy Whiteley Ackerman, Antioch NE Grad School, *Journey, Ritual and Stillness: The Role of Place in the Pilgrim Experience*
8:20 Ms. Shankari Patel, University of California Riverside, *Mesoamerican Cave Oracles*
8:40 Catherine Carter, University Of Maryland, *The Role of Theology in the Production of Space in Shaker Societies*
9:00 Anita Peterson, University of Colorado Boulder, *The American Military Cemetery: Its Rise, Role, and Meaning in the Landscape*
9:20 Darrel L. McDonald, Stephen F Austin State University, *Emergence of Secular Sacred Landscape: The Space Shuttle Columbia Incident*
- 3148. Innovation, Networks and Policy (Sponsored by Economic Geography Specialty Group)**
Room: Savoy (Paper Session)
 ORGANIZER(S): Dr. H. Lawton Smith, Coventry University; Bjorn T. Asheim, Univeristy of Lund, Sweden
 CHAIR(S): Sharmistha Bagchi-Sen, SUNY-Buffalo
8:00 Ms. Sanjukta Mukherjee, Syracuse University, *Servicing the World: Emergence of the Indian Software Industry*
8:20 Mr. Keh-Her Shih, *Innovations in Taiwan's Petrochemical and Semiconductor Sectors*
8:40 Ronald V. Kalafsky, University of North Carolina-Charlotte, *Manufacturing, employment, and human capital development in the Southern US*
9:00 Mr. John O'Byrne, *Evaluating the development of networks and linkages in the Irish biotechnology sector.*
9:20 Eirik Vatne, Norwegian School of Economics, *The spatiality of knowledge creation and urban growth*
- 3149. Diverse Urbanisms 1**
Room: Majestic Ballroom (Paper Session)
 ORGANIZER(S): Jennifer Robinson, Open University
 CHAIR(S): Jennifer Robinson, Open University
8:00 Steve Pile, The Open University, *Urbanism and Occult Diversity*
8:15 Ms. Noel Rasor, University of Kansas, *Overlapping Spaces, Separate Worlds: Diverse Urbanisms in Kansas City, Missouri*
8:30 Lisa Hoffman, *Rationalities of Enterprise: Refiguring Urban Spaces and Professional Subjects in Late-Socialist China*
8:45 Mark Hunter, *Building a Home: changing relationship patterns in a South African Township, 1960s to present*
 Discussant(s): Jennifer Robinson, Open University

3150. Indigenous Peoples and Protected Areas I (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group, Latin America Specialty Group)

Room: Vail (Paper Session)

ORGANIZER(S): Stan Stevens, University of Massachusetts

CHAIR(S): Stan Stevens, University of Massachusetts

8:00 Jeffrey Sasha Davis, University of Vermont, *How do you return to an eco-tourist sanctuary? Conservation and repatriation on Bikini Atoll.*

8:20 Cathy Robinson, Australian Defence Force Academy, *Indigenous Co-management of Feral Tourist and Animal Management in Australia's Uluru Kata-Tjuta and Kakadu World Heritage Areas*

8:40 Mary Brook, University of Texas at Austin, *The Political Ecology of Scale in Nicaragua's Atlantic Biological Corridor.*

9:00 Stan Stevens, University of Massachusetts, *Wilderness, Social Nature, and Protected Areas: IUCNs Encounter with the Indigenous World*

Discussant(s): Stan Stevens, University of Massachusetts

10:00 a.m. - 11:40 a.m.

3201. Landscapes of a New Cultural Economy of Space (Sponsored by Economic Geography Specialty Group, Cultural Geography Specialty Group)

Room: Plaza Court 1 (Panel Session)

ORGANIZER(S): Andrew Sluyter, The Louisiana State University

CHAIR(S): Theano S. Terkenli, University of the Aegean

Discussant(s): Lakshman Yapa, Pennsylvania State

Panelists: Theano S. Terkenli, University of the Aegean; Andrew Sluyter, The Louisiana State University; Jussi S. Jauhainen, University of Oulu; Martine GERONIMI

3202. Class, Community, and the Contemporary Geographical Imagination (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Plaza Court 2 (Panel Session)

ORGANIZER(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill; Steve Herbert, University of Washington

CHAIR(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill

Panelists: Jonathan D. Lepofsky, University of North Carolina at Chapel Hill; Dragos Simandan, Brock University; Steve Herbert, University of Washington; Matt McCourt, University of Maine at Farmington; Dominic Corva

3203. Topics in Ethnic Geography (Sponsored by Ethnic Geography Specialty Group)

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Thomas D. Boswell, University of Miami

CHAIR(S): Jamie Michelle Goodwin-White, Univ. of Washington

10:00 Jamie Michelle Goodwin-White, Univ. of Washington, *Placing progress: Contextual inequality and immigrant incorporation in the U.S.*

- 10:20 Ira M. Sheskin, University of Miami, *Capital Jews: The Changing Geographic Distribution of the Jewish Population of Our Nations Capital*
- 10:40 Katherine Nashleanas, University of Nebraska, *Contemporary Ethnic Groups as Metageographic Communities: A Multi-scaled Model*
- 11:00 Kathleen Woodhouse, Kent State University, *Images of the Latvian Homeland in Toronto and Chicago*
- 11:20 Manish Chalana, University of Colorado, *Minority Report-The Changing South Asian Diaspora in the Pacific West*

3204. Geographies of Higher Education (Sponsored by Geography Education Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): Jennifer Ann Adams, Pennsylvania State Univ

CHAIR(S): Jennifer Ann Adams, Pennsylvania State Univ

10:00 Bryan R. Higgins, State Univ of New York, *Mapping Globalization and Internationalization in the Undergraduate Curriculum of Canadian Universities*

10:20 Jennifer Ann Adams, Pennsylvania State Univ, *The changing geographic mean centers of higher education in the U.S., 1939-1998*

10:40 James W. Fonseca, Ohio University-Zanesville, *Geographies of Branch Campuses in the United States*

11:00 Julio C. Rivera, Carthage College, *Changing the face of the Community: Colleges and University land use and re-use in Urban Environments*

Discussant(s): Jennifer Ann Adams, Pennsylvania State Univ

3205. Mountain Tourism: Aspects of Change (Sponsored by Recreation, Tourism, and Sport Specialty Group, Mountain Geography Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Sanjay K Nepal, Texas A&M University

CHAIR(S): Robert E. Pfister, East Carolina University

10:00 PAULETTE BYNOE, *Ecotourism and Institutional Arrangements: Does it matter?*

10:20 Sanjay K Nepal, Texas A&M University, *Resident attitudes toward tourism development in a peripheral mountain community in British Columbia, Canada*

10:40 Robert E. Pfister, East Carolina University, *Packaging Mountain Tourism: Creating a Preferred Vision*

Discussant(s): Rudi Hartmann, University of Colorado

3206. Policy, Scale, and Process (Sponsored by Economic Geography Specialty Group, Regional Development and Planning Specialty Group)

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Lawrence E. Wood, Pennsylvania State University; Sean DiGiovanna, Rutgers University

CHAIR(S): Lawrence E. Wood, Pennsylvania State University

10:00 Sean DiGiovanna, Rutgers University, *Regional Planning Authorities and Local Economic Development Outcomes*

- 10:20 Lawrence E. Wood, Pennsylvania State University, *The Appalachian Regional Commission: Uncertainty at Any Scale*
- 10:40 Jerome M. Pendras, Rutgers University, *Laws of motion: the production of capital mobility in the US*
- 11:00 Johnathan Walker, James Madison University, *The State Role in Creating a Flexible Economy: Labor Import and Export in East and Southeast Asia*
- 11:20 Jeroen Wagendorp, Grand Valley State University, *Connecting Intra and Inter Jurisdictional Geographic Capacity in Michigan: Home Rule Enlightened by Common Geographic Objectives.*

3207. Borderline Contradictions: Neoliberalism, Unauthorized Migrations, and Growing Immigration Policing II (Sponsored by Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Plaza Court 7 (Paper Session)

- ORGANIZER(S): Monica Varsanyi, New School University and Sarah Lawrence College; Joseph Nevins, Vassar College
- CHAIR(S): Joseph Nevins, Vassar College
- 10:00 Christian Allen, University of Georgia, *Migrant smuggling networks in South Texas*
- 10:15 Tae H. Kim, Center for Natural and Technological Hazards, Dept. of Geography, Univ. of Utah, *Reducing Human Vulnerability: Mitigating Hazards During Unauthorized Migration.*
- 10:30 Martha Scarpellino, *Corriendo: Hard Boundaries, Human Rights and the Undocumented Immigrant*
- 10:45 Rachel Silvey, University of Colorado, *Alien Mothers: Uneven Geographies of Transnational Families*
- 11:00 Monica Varsanyi, New School University and Sarah Lawrence College, *The expanding controversy over documenting undocumented migrants, Or: An argument for residence-based citizenship.*

3208. Dendroclimatology II (Sponsored by Climate Specialty Group, Biogeography Specialty Group)

Room: Plaza Court 8 (Paper Session)

- ORGANIZER(S): James H. Speer, Indiana State University; Henri D. Grissino-Mayer, University of Tennessee
- CHAIR(S): James H. Speer, Indiana State University
- 10:00 Mr. David Mann, *Effects of Long-Term Climate Change on Treeline Dynamics, western Montana, USA*
- 10:20 Franco Biondi, University of Nevada, *A Pinus monophylla tree-ring network for hydroclimatic studies in the Great Basin of north America*
- 10:40 Peter Kirchner, *Tree Rings and Trace Metals: a Method for Analysis of Site Specific Histories*
- 11:00 Dana L. Miller, University Of Tennessee, *Multiproxy Approach to Climate Analysis in the Southeast*
- Discussant(s): Lori D. Daniels, University of British Columbia

- 3209. Tropical Rarity: Biogeography of Endemism in Low Latitude Environments (Sponsored by Biogeography Specialty Group)**
 Room: *Governor's Square 9* (Paper Session)
 ORGANIZER(S): Kenneth R. Young, Univ of Texas -
 CHAIR(S): Kenneth R. Young, Univ of Texas -
 10:00 Kenneth R. Young, Univ of Texas -, *Species endemism and extinction: theoretical and practical considerations*
 10:20 Blanca Leon, University of Texas at Austin, *Challenges in evaluating plant endemism in a tropical country: The Red Data Book Project of Peruvian Endemic Plants*
 10:40 Manuel Peralvo, *Identification of Biodiversity Conservation Priorities Using Predictive Modeling: An Application for the Tropical Dry Forests of Western Ecuador and Northern Peru*
 11:00 Mr. Lars Pomara, University of Texas-Austin, *Rarity and endemism in Amazonian bird communities: the role of regional habitat heterogeneity and the need for systematic sampling.*
 11:20 Lesley Rigg, Northern Illinois Univ, *Endemism and ultramafic soils in New Caledonia: Araucaria laubenfelsii as a case study*
- 3210. Issues on Spatial Data Mining (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)**
 Room: *Governor's Square 10* (Paper Session)
 ORGANIZER(S): David Wong, George Mason University
 CHAIR(S): May Yuan, Univ of Oklahoma
 10:00 Ying Cao, George Mason University, *Data repository environment for spatial data mining*
 10:20 May Yuan, Univ of Oklahoma, *Modeling GIS data for geographic dynamics discovery*
 10:40 Terry Janssen, Lockheed Martin, *Towards a Mining and Discovery Environment Using Semantic Integration*
 11:00 Mr. Yingqi Tang, *XML based Spatial-Temporal Data Mining and Dissemination of Sea Ice Data*
 11:20 Chetan Tiwari, University Of Iowa, *Problems in developing an agent-based system to detect spatial variations in disease risk*
- 3211. Remote Sensing Applications (Sponsored by Remote Sensing Specialty Group)**
 Room: *Governor's Square 11* (Paper Session)
 ORGANIZER(S): George Thomas Raber, University of Southern Mississippi
 CHAIR(S): Dr. Sharolyn Anderson, University of Denver
 10:00 Kelley A. Crews-Meyer, University of Texas, *Assessing Flood and Fire Dynamics in the Okavango Delta, Botswana*
 10:20 Cuizhen Wang, University of Missouri, *Tropical Forest Biomass Estimation with Synergistic Use of Optical and Microwave Imagery*
 10:40 Douglas A. Stow, San Diego State University, *Monitoring Chaparral Fuel Moisture Based on MODIS Reflectance Data*

- 11:00 Dr. Sharolyn Anderson, University of Denver, *An assessment of rural and urban land use cover changes in southwestern Tamaulipas*
- 11:20 Kevin P. Price, Department of Geography, *Utilizing Remotely Sensed Data and Spectral Mixing Models for Identifying Red Cedar (*Juniperus virginiana*) Stands and Estimating Its Cover*

3212. Urban School Districts and Economic Change

Room: Governor's Square 12 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Grant Saff, Hofstra University

10:00 Geoffrey H. Smith, University of Iowa, *Projecting educational outcomes for school attendance areas to meet equity criteria*

10:20 Richie Kent, Florida State University, *Standardized Testing and Property Values in Public School Catchment Zones*

10:40 David McEvoy, Liverpool John Moores University, *Famous for fifteen seconds: news reports of a conference paper on declining ethnic minority business in England*

11:00 Grant Saff, Hofstra University, *From manufacturing to high-end retail: Edison, New Jersey and the rise of the service economy.*

3214. Canada Mexico Forum II

Room: Governor's Square 14 (Paper Session)

ORGANIZER(S): John R. Miron, University of Toronto; Ignacio Kunz, National University of Mexico

CHAIR(S): Ignacio Kunz, National University of Mexico

10:00 John R. Miron, University of Toronto, *Immigration and Household Formation in the Toronto Region*

10:20 Miguel Aguilar-Robledo, Universidad Autónoma De San Luis Potosí, *Farmers Productive Strategies and Land Use Change in the Pujal-Coy Project, Eastern San Luis Potosí, Mexico*

10:40 Diana K.Y. Mok, McGill University, Dept. Of Geography, *The Geography of Risks: Suburbanization and the risk of home values*

3215. Mapping with Diverse Digital Data

Room: Governor's Square 15 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Denis J. Dean

10:00 Hwahwan Kim, University Of Georgia, *Population density mapping with modified dasymetric method*

10:20 Ningchuan Xiao, The Ohio State University, *An Optimization Approach to Multivariate Choropleth Map Classification*

10:40 Sebastien Caquard, Carleton University, *Cybercartography, Art and Reflexivity - Beyond the aesthetical dimension*

11:00 Niem Tu Huynh, Wilfrid Laurier University, *Exploring the Sketch Map Creation Process Using a Computerized Data Collection Instrument*

11:20 Denis J. Dean, *Measuring Arrangement Similarity Between Thematic Maps*

- 3216. Investigating the Geographies of Justice Movements: Session 2**
Room: Governor's Square 16 (Paper Session)
 ORGANIZER(S): Walter J. Nicholls; Justin Beaumont, Utrecht University
 CHAIR(S): Walter J. Nicholls
10:00 Murray M. Low, London School of Economics, *Political parties and the city: unravelling formal urban political mobilisation*
10:20 Byron A. Miller, University of Calgary, *Cannibalizing the Inner-City: the Neoliberal Politics of School Provision in a Sprawling City*
10:40 Stephanie Pincetl, UCLA, *The Racialization of Space: Urban Parks, Urban Nature and Neoliberal Restructuring of the Metropolitan Landscape*
11:00 Wendy Wolford, University Of North Carolina at Chapel Hill, *The Ubiquitous Third World Peasant: Cultural Politics and Agrarian Populism in Brazil*
 Discussant(s): Roger Keil, York University
- 3217. Publishing in the Annals**
Room: Governor's Square 17 (Panel Session)
 ORGANIZER(S): Basil Gomez, Indiana State University
 CHAIR(S): Basil Gomez, Indiana State University
 Panelists: Basil Gomez, Indiana State University; Audrey L. Kobayashi, Queen's University
- 3218. The Social Accommodation of Nonhuman Difference II (Sponsored by Cultural Geography Specialty Group)**
Room: Plaza Ballroom A (Paper Session)
 ORGANIZER(S): Russell S. Hitchings, University College London; Jamie Lorimer, University of Bristol
 CHAIR(S): Russell S. Hitchings, University College London
 Introduction: Russell S. Hitchings, University College London
10:10 Jacque L. Emel, Clark University, *Gained in Translation: Emphasizing Sameness Rather than Difference*
10:30 Mr. Matthew Huber, Clark University, *It's a Bigger World in Here: Legitimizing the Zoo*
10:50 Emma Roe, *Growing beef: the 'branded' nonhuman(s) and the retail distribution of the bovine body part(s).*
11:10 Ms. Melanie Thomson, *The precarious accommodation of nonhuman difference in the city: Wild animals in, and out, of the Melbourne Royal Botanic Gardens*
 Discussant(s): Jamie Lorimer, University of Bristol
- 3219. Trade and Trade Areas**
Room: Plaza Ballroom B (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Charles A. Stansfield, Rowan University
10:00 Alan Hancock, *Fairer Trade: Hegemony, Governance and the United States Role in the International Coffee Organization*
10:20 H. Jason Combs, Arkansas State University, *The Internet's Impact on the Antiques Trade*

- 10:40 J. Henry Owusu, University of Northern Iowa, *New Trends in Ghanas Timber Trade.*
- 11:00 David L. Anderson, Louisiana State Univ, *Growing Hexagonal Trade Areas*
- 11:20 Charles A. Stansfield, Rowan University, *The Development of Multiple Market Centers in the Anthracite Fields of Northeastern Pennsylvania*
- 11:30 Chet Zimolzak, Rowan University, *The Development of Multiple Market Centers in the Anthracite Fields of Northeastern Pennsylvania*

3220. NGO's

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Cinnamon Carlarne, University of Cincinnati

- 10:00 Mr. Joe Hannah, University of Washington, *Civil Society, Development, and the State: The Case of Local Non-Government Organizations in Vietnam*
- 10:20 Philip Sarre, The Open University, UK, *Spatial strategies of Czech and Slovak environmental NGOs in the 1990s.*
- 10:40 Michael Gordon, *Researching social enterprise in South Yorkshire, United Kingdom*
- 11:00 Benjamin Ofori-Amoah, University Of Wisconsin, Stevens Point, *Building Capacity for Development: The Case of Geographic Information System in Ghana and Uganda*
- 11:20 Cinnamon Carlarne, University of Cincinnati, *In-credible government: legitimacy, democracy, and non-governmental organizations*

3221. Geography Education and Science: Scale, Environment, and Teaching Practice

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lee Lines, Rollins College

- 10:00 Ruth Duerr, *Science Data Management and Preservation: Implications for the Ethos of Science*
- 10:20 Garrett Smith, Kennesaw State University, *Regional Research Trends: Sub-Saharan Africa as covered in The Annals of the Association of American G*
- 10:40 Robert W. Christopherson, American River College, *Teaching from Expeditions to Greenland, Antarctica, Spitsbergen—warnings from the high latitudes*
- 11:00 Juana Ibáñez, University of New Orleans, *Economic Geography and the Environment*
- 11:20 Lee Lines, Rollins College, *Sustainability and the Continuity of Scale*

3222. Ireland: Plitical and Social Issues II

Room: Plaza Ballroom E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Emily Waddy

- 10:00 Ms. Sinead Kelly, Trinity College Dublin, *Entrepreneurial Governance, Urban Change and Grassroots Resistance: New Realities and New Reactions in Dublin City*
- 10:20 Shaul Cohen, University of Oregon, *Winning While Losing: Parades and the Territorial Dynamics of Northern Ireland*

10:40 Komolafe Julius Akinwumi, *'Place as historically contingent process': A case of Nigerian church in Ireland*

11:00 Emily Waddy, *Perceptions of Place and Place Attachment for North American Tourists in Irish Pubs*

3223. Ecohydrological modeling of catchment carbon, water and nutrient cycles: Part II

Room: Plaza Ballroom F (Paper Session)

ORGANIZER(S): Christina Tague, San Diego State University

CHAIR(S): Christina Tague, San Diego State University

Introduction: Christina Tague, San Diego State University

10:05 Lindsey Christensen, Natural Resource Ecology Laboratory, CSU, *Assessing Spatial Impacts of Climate Variation on High Elevation Mountain Ecosystems Using RHESSys, a Hydro-ecological Model*

10:25 Christina Tague, San Diego State University, *Coupled hydro-ecologic models as an evolving, shared, knowledge base for better understanding process and spatial controls on system behavior*

10:45 Michael Farrell, San Diego State University, *Process-based modeling assessment of geology as a control on streamflow response to climate warming in the Oregon Cascades*

11:05 Conghe Song, UNC Chapel Hill, *Modeling Water, Energy and Carbon Exchange in a Loblolly Pine Forest in Southeast USA: Understanding the Impact of Canopy Structure.*

Discussant(s): Lawrence Band, University Of North Carolina - Chapel Hill

3224. Sexy Spaces: Sexy Places (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Director's Row E (Paper Session)

ORGANIZER(S): Kath Browne, University of Brighton; Tiffany K. Muller, University Of Minnesota

CHAIR(S): Kath Browne, University of Brighton

10:00 Sara Collas, *Hypersexuality, Hickies, Fisting and Nonmonogamy in a Lesbian Feminist Space: A Positive Sexual Culture Collides with the Myth of Vanilla Sex*

10:20 Denise Bullock, *Lesbian Bars: An Analysis of Spatial Dynamics and Cruising Methods*

10:40 Tatiana Matejskova, *Mixed Gay Bar: Beyond Strategic Essentialism*

11:00 Mr. Michael Follert, York University, *Physical Spaces & Discursive Places: The Generative Role of Space and Place in Sexual Practice and Sexual Subculture*

11:20 Mr. Andrew Clark, *Travels Through The Queer Cosmos - Who Is The Gayest Of Them All?*

- 3225. Supporting Women in Geography Organizations: Making Space for Connections (Sponsored by Geographic Perspectives on Women Specialty Group, Committee on the Status of Women in Geography)**
Room: Director's Row F (Panel Session)
 ORGANIZER(S): Amy Trauger, Penn State University
 CHAIR(S): Amy Trauger, Penn State University
 Panelists: Bonnie Kaserman, University Of British Columbia; Marcie Kuehl, University of Wisconsin-Platteville; Amy Trauger, Penn State University; Tiffany K. Muller, University Of Minnesota; Yolonda Youngs, Arizona State University; Dr. Wendy R. Eisner, University of Cincinnati; Dawn Day Biehler, University of Wisconsin
- 3227. Urbanization and Global Environmental Change: Interactions and Responses within Cities (Sponsored by Urban Geography Specialty Group, Human Dimensions of Global Change Specialty Group)**
Room: Director's Row H (Panel Session)
 ORGANIZER(S): Robin M. Leichenko, Rutgers University
 CHAIR(S): Robin M. Leichenko, Rutgers University
 Panelists: Roberto Sanchez-Rodriguez; David Simon, University Of London; Robin M. Leichenko, Rutgers University; James K. Mitchell, Rutgers University; William D. Solecki, Hunter College
- 3230. Postcolonialism Meets Economic Geography II: Critical Reflections on Neo-Liberalism**
Room: Tower Court A (Paper Session)
 ORGANIZER(S): Dr. Jane S. Pollard, University Of Newcastle Upon Tyne; Cheryl McEwan, University Of Durham
 CHAIR(S): Cheryl McEwan, University Of Durham
10:00 Katie Willis, Royal Holloway, University of London, *Mexican health sector reform: Discourses of choice, health and wellbeing*
10:20 Gwendolin McCrea, University of Minnesota, *Neoliberal/Imperial: Thoughts on Hegemony and Knowledge*
10:40 Jonathan Cloke, Durham University, *Corruption: a little imperial night-music*
11:00 Marion Traub-Werner, University of Minnesota, *Neoliberal governmentality and free trade*
 Discussant(s): Henry WC Yeung, National University of Singapore
- 3231. Ground Truth & Critical GIS: A research agenda for the future (II) (Sponsored by Geographic Information Science and Systems Specialty Group)**
Room: Tower Court B (Paper Session)
 ORGANIZER(S): Sarah Elwood, University of Arizona; Nadine Schuurman, Simon Fraser University
 CHAIR(S): Sarah Elwood, University of Arizona
10:00 Nadine Schuurman, Simon Fraser University, *Database ethnographies: bringing science and technology studies to GIS*

10:20 Mark Gahegan, Pennsylvania State University, *A situated representation of GIS resources*

10:40 David M. Mark, University at Buffalo, *Ground Truth, and the Research Agenda on Geographic Information and Society*

11:00 Mei-Po Kwan, Ohio State University, *Politics and Practice in GIS After "Ground Truth"*

Discussant(s): Michael F. Goodchild, University Of California, Santa Barbara

3232. Geomorphology and Geomorphology I: Soils, Sediments, and the Maya (Sponsored by Cultural and Political Ecology Specialty Group, Geomorphology Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Timothy Beach, Georgetown University; Nicholas P. Dunning, University of Cincinnati

CHAIR(S): Timothy Beach, Georgetown University

10:00 Sheryl Luzzadder-Beach, George Mason University, *Arising from the Wetlands: 2004 Field Report on Wetland Fields and Maya Agriculture at Blue Creek Belize*

10:20 Mr. Peter F. Davis, Montclair State University, *Ancient Landscape Modification and Settlement Planning at Chawak Butoob, Belize: A Perspective on Ancient Maya Environmental Management and Site Development through the Lens of Soil Analysis*

10:40 Mr. David B. Wahl, University Of California - Berkeley, *Climate Change and the Southern Maya Lowlands: Further Evidence for Solar Forcing*

11:00 Nicholas P. Dunning, University of Cincinnati, *Variability among Bajo Soil Histories in the Maya Lowlands*

3233. Student Illustrated Paper Competition I (Sponsored by Remote Sensing Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Christine M. Erlien, University of North Carolina; French Tyler Huffman, University of Connecticut

CHAIR(S): Sarah Battersby

10:00 Melissa Demetrakopoulos, Salem State College, *Changes in Australian Vegetation Cover*

10:05 Jones Gareth Trevor, Clark University, *Mapping twenty seven years of forest cover regeneration in Massachusetts: A comparison of pixel-based and object-based classification*

10:10 Michael DuBois, Salem State College, *Land Cover Changes in Australasia, 1999-2003*

10:15 Robert Stetson, *Tampa Bay and Charlotte Harbor Estuary Comparison for the adult spotted sea trout. A Habitat Suitability Analysis.*

10:20 Michelle Roy, Salem State College, *Variations in Australia's Vegetation Cover*

10:25 Andrea Birgit Chavez, University of Florida, *Land Conversion along the Transoceanic Road Inapari-Iberia: A Socio-Spatial Study of Road Extension and Forest Fragmentation*

- 10:30** Yanfen Le, University of Georgia, *A Feature-Based Temporal Representation and Its Implementation with Object-Relational Schema for Base Geographic Data in Object-Based Form*
- 10:35** Jian Liu, University Of Wisconsin - Madison, *Mapping With Words*
- 10:40** Shuo-Sheng Wu, Texas State University, *An Improved Dasymetric Mapping Method for Remodeling Census Population*

3234. Intractable Environmental Conflicts II

- Room:* Grand Ballroom 1 (Paper Session)
- ORGANIZER(S): Gina Bloodworth, Penn State University
- CHAIR(S): Gina Bloodworth, Penn State University
- 10:00** Richard Oddie, Faculty of Environmental Studies, York University, *Scales of Ecology: Waterways, Highways and Contested Landscapes in Hamilton, Ontario*
- 10:20** Peter Klepeis, Colgate University, *Contesting Sustainable Development in Tierra del Fuego: Environmental Ideology as Sustainability Indicator*
- 10:40** John G. Hintz, University of Kentucky, *The Polarization of Carnivore Conservation: the Case of Grizzly Bear Reintroduction in Idaho*
- 11:00** Ms. Pamela Coles, University Of Wyoming, *Community power dynamics in a brownfield cleanup process*
- 11:20** Paul Domjan, University of Oxford, *Small Games of Energy in the Caspian*

3235. The Global Countryside II

- Room:* Grand Ballroom 2 (Paper Session)
- ORGANIZER(S): Deborah Dixon; Mr. Michael Woods
- CHAIR(S): Mr. Michael Woods
- 10:00** Lucy Jarosz, University of Washington, *Filming the Globalized Agrarian Landscape: A Narrative from the Pacific Northwest*
- 10:20** Mr. Jesse Heley, University of Wales, Aberystwyth, *Engaging with cyber-rurality*
- 10:40** Martin Phillips, University of Leicester, *'Everyone around the world knows a Greengrass': television drama & decentred imaginative geographies of rurality*
- 11:00** Mr. Ayele Ulfata Gelan, The Macaulay Institute, *Impacts of Cap Reform on Less Favoured Areas*

3236. Geography and the American Liberal Arts College II: Ideas and Strategies for Augmenting the Presence of Geography

- Room:* Colorado (Panel Session)
- ORGANIZER(S): William G. Moseley, Macalester College; David A. Lanegran, Macalester College
- CHAIR(S): David A. Lanegran, Macalester College
- Introduction: David A. Lanegran, Macalester College
- Panelists: Anne Knowles, Middlebury College; Mary Ann Cunningham, Vassar College; Richard A. Wright, Dartmouth College; Jon T. Kilpinen, Valparaiso University; William G. Moseley, Macalester College

- 3237. Atmospheric Circulation Variability and the Cryosphere (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)**
Room: *Silver* (Paper Session)
 ORGANIZER(S): Oliver W. Frauenfeld, University of Colorado; Robert E. Davis, University of Virginia
 CHAIR(S): Oliver W. Frauenfeld, University of Colorado
10:00 Stefan Sobolowski, *Exploring the relationships between snowpack and modes of atmospheric circulation over North America*
10:20 Gwangyong Choi, Rutgers University, *Potential Relationships between Vernal Snow Extent and Atmospheric Circulation in the Northern Hemisphere*
10:40 Jeffrey C. Rogers, Ohio State University, *Cyclone Frequency Variations Associated with Greenland Snow Accumulation*
11:00 Maria Tsukernik, University of Colorado, *Characteristics of winter cyclone activity in the Northern North Atlantic*
11:20 Mark C. Serreze, University of Colorado, *Arctic Signals of the Arctic Oscillation*
- 3238. Geography in Popular Education and Popular Education in Geography (Sponsored by Socialist and Critical Geography Specialty Group)**
Room: *Gold* (Paper Session)
 ORGANIZER(S): Brian Marks, University Of Arizona
 CHAIR(S): Brian Marks, University Of Arizona
10:00 Edward Kinman, Longwood University, *Utility of Popular Education in Community Development: A Case Study from Chilimarca, Bolivia*
10:20 Elaine Hartwick, Framingham State College, *Teaching Critical Geography at a State College*
10:40 Kevin Walsh, *Mapping the food system: The Beehive Collectives social cartography as both popular education and participatory action research.*
11:00 Brian Marks, University Of Arizona, *Cross-pollinating geography, social theory, and popular education*
 Discussant(s): George L. Henderson, University Of Minnesota
- 3239. Concepts and Theories in Cultural and Political Ecology, II (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: *Century* (Paper Session)
 ORGANIZER(S): Eric P Perramond, Stetson University; Eric Keys, Arizona State University
 CHAIR(S): Eric P Perramond, Stetson University
10:00 Eric P Perramond, Stetson University, *Intermediate Ecological and Post-structural theories for Political Ecology*
10:20 Bjorn Sletto, Cornell University, *Smoke Signals: The Political Ecology of Fire in the Gran Sabana, Venezuela*
10:38 Salvatore Engel-DiMauro, UW- Stevens Point, *Productions of scale and unequal scales of power: political ecologies and world-system theories*
10:56 W. Stuart Kirkham, University of Texas, *Applying Complexity Theory to Hybrid Ecologies: a General Framework with an Island Case Study*
 Discussant(s): Kendra McSweeney, The Ohio State University

3240. Governing Citizens, Territory, War(II) (Sponsored by Political Geography Specialty Group)*Room: Spruce* (Paper Session)

ORGANIZER(S): Deborah Cowen, University of Toronto; Emily Gilbert, University Of Toronto

CHAIR(S): Deborah Cowen, University of Toronto

10:00 Richard C. Powell, Cambridge University, *Cartographies of High Arctic exclusion: scientific practice, Inuit, and the constitution of the nation***10:20** Deborah Cowen, University of Toronto, *The (military) labour of social citizenship? Towards a genealogy of the soldier citizen in Canada***10:40** Emily Gilbert, University of Toronto, *Leaky Borders and Solid Citizens: Securing Fortress America across the Continent and the Production of Transnational Citizenship***11:00** Nadia Abu-Zahra, *Population control for exclusion and expropriation: Why do states control people they reject as citizens?***11:20** Gerry Kearns, University of Cambridge, *Terror, colonialism and the constitution of British and Irish citizenship***3241. Political Activism, Social Movement and Neoliberalism***Room: Denver* (Paper Session)

ORGANIZER(S): Richard Van Deusen, Syracuse University; Laam Hae, Syracuse University

CHAIR(S): Richard Van Deusen, Syracuse University

10:00 Richard Van Deusen, Syracuse University, *Exploiting cracks in the urban design industry: Park design and social movements.***10:20** Rafael Antonio Ortiz, University of Minnesota, *Bodies in the city: mass demonstrations and the neoliberalization of urban space***10:40** Nathan Clough, University of Vermont, *The Political Uses of a Hybrid Commercial.Public Space: The Geographies of Political Activism on Church Street Marketplace, Burlington, VT***3243. Geography of Wine I (Sponsored by Wine Specialty Group)***Room: Beverly* (Paper Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown University Of Pennsylvania

CHAIR(S): Kenneth C. Martis, West Virginia University

10:00 Frances Sternberg, Ethical, *The History of Wine and its Influence on Civilization***10:18** Mr. John Boyer, Virginia Tech, *The Geography of 'Old Vines'***10:36** Greig Tor Guthey, UC Berkeley, *Wine Quality, History, and the Regional Foundations of the Northern California Wine Industry***10:54** Zok Pavlovic, *Viticulture and Northern New Mexico's Changing Cultural Landscape***11:12** Donna Senese, Okanagan University College, *Terrorism Defined: wine ecumene meets a globalised tourist in the Okanagan Valley of British Columbia*

Discussant(s): Barbara Carmichael, Wilfrid Laurier; Denyse Lemaire, Rowan University

3244. African Human Geography II*Room: Biltmore* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): J H. Leaman, Villanova University

10:00 Akosua Anima Ampofo, Clark University, *Impetus For Change -Where Does It Come From?***10:20** Olamide Olaniyan, *How Africa's sub-Saharan developing countries can profit of the new economy context marked by the implosion of communication?***10:40** Tina Mangieri, University of North Carolina-Chapel Hill, *Cloth, Clothing, and African Cultural-Economies***11:00** Mr. Matthew Adepoju, *Land Use/Land Cover Change Detection in Greater Lagos (Nigeria): 1984-2002***11:20** J H. Leaman, Villanova University, *Ethiopia: Permanent Food Insecurity?***3245. Contesting Space***Room: Captiol* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christopher M. Smith, University of Georgia

10:00 Ethan J. Rogers, Brigham Young University, *The Struggle to Preserve Suzhous Cultural Heritage***10:20** Basilio Verduzco, Universidad De Guadalajara, *Negotiating Space for the Service Oriented Metropolis in a Society in Transition***10:40** Mr. Johannes Stahl, *Patterns of Land Use Change in Postsocialist Albania***11:00** Jeffrey Banister, University of Arizona, *Fragments in a Battered Cage: State, Space, and Culture in Post-1940s Mexicanist Historiography***11:20** Christopher M. Smith, University of Georgia, *Exclusionary spaces, violence, and global justice: protesting the 2004 G8 Summit in Sea Island, GA***3246. Changing Economic Geography of Developing Countries II: Economic Restructuring in China (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)***Room: Columbine* (Paper Session)

ORGANIZER(S): Yifei Sun, California State University; Yehua Dennis Wei, University of Wisconsin

CHAIR(S): Hongmian Gong, Hunter College

10:00 Yehua Dennis Wei, University of Wisconsin, *Dynamics of the Core-Periphery Structure: Wenzhou Model and Regional Development in Zhejiang Province, China***10:20** Mr. Tan Wang, The University of Hong Kong, *Emerging "Headquarters Economy" and Hyper-Service Hubs in China***10:40** Shihuh-Shen Chien, LSE, *Innovation and Isomorphism of Regional Development Policy in Chinacase study of Special Economic Zone in Jiangsu***11:00** Terry Cannon, *China and the spatial economy of the reforms: Topocracy and the Local Developmental State***11:20** Clifton W. Pannell, University of Georgia, *Forces for Change in China's Economic Geography*

- 3247. Personal Pasts: Geographic Approaches to Genealogy and Family History (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Terrace (Panel Session)
 ORGANIZER(S): Jeanne Kay Guelke, University of Waterloo
 CHAIR(S): Jeanne Kay Guelke, University of Waterloo
 Panelists: Dallen J. Timothy, Arizona State University; Mary Ruvane, University Of North Carolina - Chapel Hill; William Matthew Hunter, Heberling Associates, Inc; Penny L. Richards, UCLA; Catherine Nash, Queen Mary, University of London
- 3248. Innovation, Networks and Policy Session 1 (Sponsored by Economic Geography Specialty Group)**
Room: Savoy (Paper Session)
 ORGANIZER(S): Dr. H. Lawton Smith, Coventry University; Bjorn T. Asheim, Univeristy Of LUND, Sweden
 CHAIR(S): Bjorn T. Asheim, Univeristy of Lund, Sweden
 Introduction: Bjorn T. Asheim, Univeristy of Lund, Sweden
10:05 Sharmistha Bagchi-Sen, SUNY-Buffalo, *Innovation and policy issues in the U.S. agricultural biotechnology sector*
10:25 Nichola Lowe, Munk Centre for International Studies, University of Toronto, *Building on diversity: institutional foundations of hybrid strategies in Torontos life science complex*
10:45 Lars Coenen, Lunds University, Sweden, *Global networks and local clusters: comparing the Scanian bioregional innovation system*
11:05 Dr. H. Lawton Smith, Coventry University, *Comparing the U.S. and the U.K.: public policy and the biotech sector*
 Discussant(s): Proinnsias Breathnach
- 3249. Diverse Urbanisms II**
Room: Majestic Ballroom (Paper Session)
 ORGANIZER(S): Jennifer Robinson, Open University
 CHAIR(S): Jennifer Robinson, Open University
10:00 Garth Andrew Myers, University of Kansas, *Postmetropolis or Disposable City? Six Discourses of Lusaka, 1964-2004*
10:15 Dr. Matthew Gandy, University College London, *Zones of indistinction: some thoughts on the bio-politics of urban space*
10:30 Martin J. Murray, Princeton University, *The Spectral Geography of Homelessness in Johannesburg after Apartheid*
10:45 Prof. Michael Keith, *Postcolonial urbanism. What might it be?*
- 3250. Indigenous Peoples and Protected Areas II (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group, Latin America Specialty Group)**
Room: Vail (Paper Session)
 ORGANIZER(S): Stan Stevens, University of Massachusetts
 CHAIR(S): Stan Stevens, University of Massachusetts

- 10:00 Maria Grace Fadiman, Florida Atlantic University, *Mestizo, Afro-Ecuadorian, and Chachi use and collection of wild food plants in Ecuador.*
- 10:20 Claudio Delang, *The Use of NTFP by Karen Ethnic Minorities in Northern Thai Protected Areas*
- 10:40 Jennifer Wilhoit, *Common Ground between Crafts Collectives & Conservation: Protecting Natural Resources through Artisan Production?*
- 11:00 Mr. David Lansing, *The Conflicting Geographies of Community-based Parks: Garifuna livelihoods and ecosystem-based management plans in the Cayos Cochinos Marine Protected Area, Honduras.*
- 11:20 Benjamin F. Timms, Indiana University, *The Impact Of Relocation On Local Livelihoods And Land-Use: Celaque National Park, Honduras*

3251. Biogeography

Room: Tower Exhibit Area (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

- Christy Batterson, University of Oklahoma, *Vegetation of a Ozark Plateau Forest in Cherokee County, Oklahoma*
- Bruce W. Hoagland, University of Oklahoma, *The Oklahoma Vascular Plants Database, a tool for biogeographic analysis*
- Justin L Hart, University of Tennessee, *Stand characteristics of disjunct eastern hemlock populations at its southernmost ecological limit on the Appalachian Plateau*
- Ms. Lacy Jo Burgess, *Riparian vegetation dynamics along the Canadian River, Cleveland County, Oklahoma.*
- Sharon Lite, Arizona State University, *Riparian plant richness across lateral and longitudinal gradients of water stress and flood disturbance, San Pedro River, Arizona, USA*
- Ms. Pamela Anderson, *Resolving Model Parameter Values for Tropical Forests*
- Priscilla Crawford, University Of Oklahoma, *Mapping plant species in space and time using data obtained from herbarium specimens*
- Ms. Julie Miller, Univ of Cambridge, UK, *Long-Term Landscape and Fire History of Riparian Areas of Northern New Mexico and Western Montana*
- Todd Lookingbill, University of Maryland, *Gradient analysis, the next generation: Towards more plant-relevant explanatory variables*
- Kathy Parker, University of Georgia, *Genetic Variation in Wild and Cultivated Pre-Columbian Agave Populations*
- Shawna Dark, California State University, Northridge, *The Distribution of Invasive Plants in Coastal Sage Scrub: An Application of Remote Sensing, GIS, and Multiple Regression*
- Ms. Whitney Kocis, University of Tennessee, *Reconstructing hurricane occurrence and frequency using oxygen isotopes in tree-ring records from Francis Marion National Forest, South Carolina*
- Nicole Mihevic, *Preserving Cultural Heritage in a Highly Modified Natural Landscape*

- Mr. Robert Friedel, Oregon State University, *Patterns of growth after the Biscuit fire: A study of conifer growth rates and distribution.*
- Kyle D. Brown, California State Polytechnic University, *Managing Invasive Species in Regenerating Landscapes: A Modeling Approach for Urbanization*
- Nancy A Brown, *Effects of Disturbance in Maintaining Minnesota's Old-Growth Pine Ecosystems*
- Todd D. Fagin, University of Oklahoma, *Using Weights of Evidence to Predict Historic Woody Species Distribution in the Arbuckle Mountains, Oklahoma*
- Shannon Hall, *Spatial Variation in Climate-Growth Relationships of Eastern White Pine (*Pinus strobus* L.) in Northern Georgia (USA) as Revealed by Tree-Rings*
- Bruce Gervais, California State University, Sacramento, *Dendrochronological investigation of whitebark pine (*Pinus albicaulis*) in the Ruby Mountains, Nevada*
- Chris Underwood, The University of Tennessee, *Century-Scale Trends in Climate Variability for the Pacific Northwest from Western Juniper (*Juniperus occidentalis* ssp. *occidentalis* Hook.) Tree-Ring Data*
- Mark Mueller, University of South Florida, *Habitat Suitability Modeling for the Florida Burrowing Owl*
- Ms. Emariana Taylor, Student, *A Conceptual Model of Mexican Free-tailed Bat (*Tadarida brasiliensis mexicana*) Emergence*
- Tara M. Plewa, University Of South Carolina, *Mercury in the Aquatic Environment of South Carolina: A GIS Approach*
- Katherine Ross, Univeristy of Wisconsin at Platteville, *Shade or Sun evaluating pre-European riparian environments with plant macrofossils in the Driftless Area of SW Wisconsin*
- Lisa M. Kennedy, Virginia Tech, *Spatial Patterns of Common Loon Blood Mercury Levels in the Rangeley Lakes, Maine*
- Ms. Lisa B. Wilkins, *Paleoecological Investigation of East Tennessee Lakes*
- Jessica Brogden, *Examining Mineral Silt in Lake Sediments as an Indicator of Erosion Associated with Prehistoric Human Impact, Laguna San Pablo, Miravalles, Guanacaste, Costa Rica*
- Kelley J. O'Neal, University of Maryland, *Monitoring coastal marsh loss and upland inundation with Landsat and SAR data*
- Roberto Bonifaz, *Modeling Seasonal Variation in NDVI Using Polynomial Functions*
- Sarah Robinson, United States Geological Survey, *Analysis of vegetation patterns and geomorphology using low-altitude visible and color infrared imagery and MASTER remote sensing data in a Mojave Desert piedmont*
- Ms. Michelle D Pfeffer, *Regression-based Age Estimates of Yellow Pine (*Pinus*) Saplings, Jefferson National Forest, Virginia*
- Jeffrey J. Danielson, SAIC, *Mapping invasive duckweed in Lake Maracaibo using imagery from EO-1 and Landsat 7 ETM+*

11:50 a.m. - 12:50 p.m.

- 3346. Blackwell Lecture on Geomorphology and Society; Life as a Soils Geomorphologist = F (People, Places, Circumstances and Factors to be Determined)**

Room: Columbine (Panel Session)

ORGANIZER(S): Gregory A. Pope, Montclair State University

CHAIR(S): Gregory A. Pope, Montclair State University

Speaker: Peter Birkeland

1:00 p.m. - 2:40 p.m.

- 3401. GIS Education: Approaches, Issues, and Alternative Models (Sponsored by Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)**

Room: Plaza Court 1 (Paper Session)

ORGANIZER(S): Diana Stuart Sinton, National Institute for Technology & Liberal Education

CHAIR(S): Matthew Bampton, University Of Southern Maine

1:00 Prof. Phillip Davis, *Convergence: the Challenge of a Seamless Articulation*

1:20 Matthew Bampton, University Of Southern Maine, *The Maine Educational GIScience Consortium: Making GIScience Education Work in Under-Resourced Institutions.*

1:40 Diana Stuart Sinton, National Institute for Technology & Liberal Education, *A Place for GIS in the Liberal Arts?*

- 3402. Energy Policy & Geographic Research: The Year in Review (Sponsored by Energy and Environment Specialty Group)**

Room: Plaza Court 2 (Panel Session)

ORGANIZER(S): Scott Jiusto, Worcester Polytechnic Institute

CHAIR(S): Scott Jiusto, Worcester Polytechnic Institute

Panelists: Scott Jiusto, Worcester Polytechnic Institute; Michael K. Heiman, Dickinson College; William Y. Osei, Algoma University College; Mike Pasqualetti, Arizona State University

- 3403. Electoral Geography: The 2004 Election and More (Sponsored by Political Geography Specialty Group)**

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): John Heppen, University Of Wisconsin River Falls

CHAIR(S): John Heppen, University Of Wisconsin River Falls

1:00 Luis D. Sanchez, Florida State University, *Status referenda and the impact of Cuban and Dominican immigrants in Puerto Rico*

1:20 John Heppen, University Of Wisconsin River Falls, *Continuity and Change in the 2004 Presidential Election at the State and County Levels*

1:40 Robert Watrel, South Dakota State University, *Great Plains Presidential Politics*

2:00 Prof. Joan Walker, Boston University, *2004 Election: A Spatial Perspective*

2:20 Ronald J. Johnston, University of Bristol, *Electoral bias and the Electoral College: George W Bush in comparative perspective.*

3404. Activism and the Academy (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Plaza Court 4 (Panel Session)

ORGANIZER(S): Jennifer L. Fluri, Pennsylvania State University; Amy Trauger, Penn State University

CHAIR(S): Jennifer L. Fluri, Pennsylvania State University

Panelists: Jennifer Hyndman, Simon Fraser University; Nicholas Blomley, Simon Fraser University; Mr. Paul Routledge, University of Glasgow

3405. Rural and Small Town Transitions in North America I: Socio-economic Change (Sponsored by Rural Geography Specialty Group, Population Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): John Cromartie, USDA; Alexander C. Vias, University Of Connecticut

CHAIR(S): Peter B. Nelson, Middlebury College

1:00 Alexander C. Vias, University Of Connecticut, *Retail Restructuring and Community Well-Being in the Nonmetropolitan US, 1988-1999*

1:20 Andrew Wenzl, *Thinking outside of the traded cluster: New approaches to economic development in the Rural West*

1:40 Gina Thornburg, California State University, Northridge, *Sociocultural Responses to Economic and Population Trends Affecting Four Small Towns in Jefferson County, Kansas*

2:00 Thomas L. Bell, University of Tennessee, *Mirror, Mirror, On the Web, Whos The Fairest Town of All?: How Central Places in Iowa Portray Themselves on the Internet*

2:20 Jill E. Sherman, Frontier Education Center, *Grandparents Raising Grandchildren in the Frontier: Evidence from the 2000 Census*

3406. Racialization and the Politics of the Environment (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Carl Wilmsen, Univ of California- Berkeley

CHAIR(S): Carl Wilmsen, Univ of California- Berkeley

1:00 Brinda Sarathy, Doctoral Student, *Hidden in the Understory: Immigrant Labor & Forest Management in Southern Oregon*

1:20 Kathryn Fulton, University of Oregon, *"They made thieves out of us": Narratives about environment and legal processes in Southeast Alaska*

1:40 Carl Wilmsen, Univ of California- Berkeley, *Maintaining the Environmental/Racial Order in Northern New Mexico*

2:00 Carolyn Finney, Clark University, *It's Not Easy Being Green: African-Americans, Environmentalism and the National Parks*

Discussant(s): Ruth Wilson Gilmore, University of California

3407. Production and Organization of Space (Sponsored by Economic Geography Specialty Group)*Room: Plaza Court 7 (Paper Session)*

ORGANIZER(S): William B. Beyers, University Of Washington

CHAIR(S): William B. Beyers, University Of Washington

1:00 Peter A. Wood, University College London, *The service nexus and European regional competitiveness***1:20** Brian P. Holly, U.S. Census Bureau, *Nonemployers in the US Space Economy: 1997-2002***1:40** John Bryson, University of Birmingham, *Alternatives ways of Producing and Organizing Economic Space: Pathways towards Service Worlds***2:00** Thomas A. Hutton, University of British Columbia, *Changing Models of Production and the Reconfiguration of the Metropolitan Core***2:20** William B. Beyers, University Of Washington, *Outsourcing by Producer Service Establishments***3408. Dendroecology (Sponsored by Biogeography Specialty Group)***Room: Plaza Court 8 (Paper Session)*

ORGANIZER(S): James H. Speer, Indiana State University; Lori D. Daniels, University of British Columbia

CHAIR(S): Lori D. Daniels, University of British Columbia

1:00 Timothy Martin, University of Auckland, *Detection of storm events using tree-rings and the dating of recruitment, central North Island, New Zealand.***1:20** Mr. Christof Bigler, *Effects of disturbance interactions and extreme drought on severity of the 2002 Big Fish lake fire in Rocky Mountain subalpine forests***1:40** Sonya Powell, University of British Columbia, *A dendroecological analysis of large woody debris in lodgepole pine riparian forests of the Foothills Model Forest, Alberta***2:00** Margaret Devall, US Forest Service, *Dendroecological history of an old growth bottomland hardwood forest in southeastern Arkansas***2:20** Mr. Doug Thompson, UNBC, *A new dendroecological method to separate responses to overhead tree mortality from climate***3409. Western Forest Dynamics (Sponsored by Biogeography Specialty Group)***Room: Governor's Square 9 (Paper Session)*

ORGANIZER(S): Rosemary L. Sherriff, University of Hawaii at Hilo; William L. Baker, University of Wyoming

CHAIR(S): William L. Baker, University of Wyoming

1:00 Mark Andersen, *Historical forest-grassland dynamics in the mountains of southeast Wyoming***1:20** Douglas Shinneman, *Stand age structure and disturbance dynamics of a piñon-juniper woodland landscape in western Colorado***1:40** Rosemary L. Sherriff, University of Hawaii at Hilo, *Spatial Variability of Historical Fire Regime Types in the Ponderosa Pine Forests of the Northern Colorado Front Range*

2:00 Stacy A. Drury, University Of Colorado, *Species distributions in relation to abiotic and historical site differences in Mexican Pine-Oak forests.*

2:20 Jim Zier, University of Wyoming, *A Century of Change in the San Juan Mountains, Colorado*

3410. Qualitative Research & GIS - Session 1 (Sponsored by Qualitative Research Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: *Governor's Square 10 (Paper Session)*

ORGANIZER(S): LaDona G. Knigge, University @ Buffalo (SUNY); Mei-Po Kwan, Ohio State University

CHAIR(S): LaDona G. Knigge, University @ Buffalo (SUNY)

1:00 Mark Monmonier, Maxwell School of Syracuse University, *Purging Pejorative Toponyms from the National Topographic Landscape*

1:20 David Biggs, University of California, Riverside, *War, Wetlands and Historical GIS: Integrating Spatial and Historical Analyses of Land Use Change in the Mekong Delta, Viet Nam*

1:40 Scott Bell, University of Saskatchewan, *Sketch Maps and Qualitative GIS*

2:00 Kevin Ramsey, University Of Washington, *A Research Strategy for Informing Participatory GIS Design, Development, and Implementation*

2:20 Matthew W. Wilson, University of Washington, *Theorizing community in PGIS research: A critical perspective for system development*

3411. Geography Undergraduate Programs: Recruiting, Retaining, and Graduating (Sponsored by European Specialty Group, Geography Education Specialty Group)

Room: *Governor's Square 11 (Paper Session)*

ORGANIZER(S): Brock J. Brown, Texas State University; Lawrence E. Estaville, Jr, Texas State University - San Marcos

CHAIR(S): Lawrence E. Estaville, Jr, Texas State University - San Marcos

Introduction: Lawrence E. Estaville, Jr, Texas State University - San Marcos

1:05 Brock J. Brown, Texas State University, *Geography Undergraduate Programs: Recruiting, Retaining, and Graduating*

Discussant(s): Thomas D. Boswell, University of Miami; Jeffrey S. Smith, Kansas State University; Wendy Bigler, Southern Illinois University Carbondale; Lisa M. DeChano, Western Michigan University; William R. Strong, University of North Alabama

3412. Session I in Honor of Donald R. Currey: Donald R. Currey, Scientist, Scholar, Mentor (Sponsored by Geomorphology Specialty Group, Coastal and Marine Specialty Group)

Room: *Governor's Square 12 (Paper Session)*

ORGANIZER(S): Dorothy Sack, Ohio University; Shizuo Nishizawa

CHAIR(S): Shizuo Nishizawa

1:00 Ms. Shawn Blissett, *Tribute to Donald R. Currey*

1:20 James F. Petersen, Texas State University - San Marcos, *Piedmont Scarps Along the Wasatch Front and the Dissertation Mentorship of Donald R. Currey*

1:40 Dorothy Sack, Ohio University, *Donald R. Currey, Lake Bonneville Scientist and Scholar*

2:00 Genevieve Atwood, Earth Science Education, *Great Salt Lake shorelines: geoantiquities of scientific and societal value*

3415. Geographies of Dirt and Purity 1

Room: *Governor's Square 15* (Paper Session)

ORGANIZER(S): Rosie Cox; Laura Venn

CHAIR(S): Laura Venn

1:00 Helen Watkins, University of British Columbia, *When to wash? constructing 'clean' in daily domestic practice*

1:20 Rosie Cox, *What about the dirt in dirty work? Exploring the status of domestic employment*

1:40 Alyson Brody, *Keeping it clean: politics of the mundane in a Bangkok shopping mall*

2:00 Kyro Selket, *Landscapes of Fear*

Discussant(s): Martin Phillips, University of Leicester

3416. Climate and Health I (Sponsored by Medical Geography Specialty Group, Climate Specialty Group)

Room: *Governor's Square 16* (Paper Session)

ORGANIZER(S): Andrew C. Comrie, University of Arizona

CHAIR(S): Andrew C. Comrie, University of Arizona

1:00 Heather Conley, Kansas State University, *Climate as a Limiting Factor in Hantavirus Pulmonary Syndrome Outbreaks*

1:20 Amy Griffin, Pennsylvania State University, *Modeling connections between climate and Hantavirus seroprevalence in deer mice in the Western United States*

1:40 Chris Uejio, *Exploring Relationships Between Climate and West Nile Virus*

2:00 Andrew C. Comrie, University of Arizona, *Grow Versus Blow: Climate, Dust and Valley Fever*

Discussant(s): Andrew C. Comrie, University of Arizona

3417. Spatial Analysis of Cancer: Issues and Approaches

Room: *Governor's Square 17* (Paper Session)

ORGANIZER(S): Luc Anselin, University of Illinois

CHAIR(S): Luc Anselin, University of Illinois

Introduction: Luc Anselin, University of Illinois

1:05 Luc Anselin, University of Illinois, *PySAL, a Python Library for Spatial Analytical Functions*

1:25 James Macgill, Pennsylvania State University, *Applying GeoVISTA Studio for the spatial analysis of prostate cancer*

1:45 Eugene Lengerich, Pennsylvania State University, *A Model GIS/Atlas for Comprehensive Cancer Control*

2:05 Gerard Rushton, University of Iowa, *Geocoding cancer: the relevance of scale*

Discussant(s): Sara McLafferty, University of Illinois

3418. The Social Accommodation of Nonhuman Difference III (Sponsored by Cultural Geography Specialty Group)

Room: Plaza Ballroom A (Paper Session)

ORGANIZER(S): Russell S. Hitchings, University College London; Jamie Lorimer, University of Bristol

CHAIR(S): Jamie Lorimer, University of Bristol

Introduction: Jamie Lorimer, University of Bristol

1:10 Ben Anderson, Durham University, *Accommodating Nano-Technoscience: Emotive Acts and the Enactment of Matter*

1:30 David Lulka, San Diego State Univ, *Organ, Organism, Space: Philosophical Speculations on Nonhuman Animals*

1:50 Russell S. Hitchings, University College London, *Being with plants in cities: why exactly do we want to do so and how easy is it for us?*

Discussant(s): Jamie Lorimer, University of Bristol

3419. Space, Time, and Economy I

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Geoff Mann, University of California, Santa Barbara; Joel Wainwright, University of British Columbia

CHAIR(S): Geoff Mann, University of California, Santa Barbara

Introduction: Geoff Mann, University of California, Santa Barbara

1:05 Kathleen O'Reilly, University Of Illinois, *Dialogic Constructions of Gendered Development Spaces*

1:25 Joel Wainwright, University of British Columbia, *Spacing Derrida Heidegger*

1:45 Kiran Asher, *"The El Dorado of Modern Times: " Economy, Ecology and Space in the Pacific Lowlands of Colombia*

Discussant(s): Stuart Elden, University Of Durham; Geoff Mann, University of California, Santa Barbara

3420. North American Snowfall

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Brian J. Harshburger, University of Idaho

1:00 Thomas H. Painter, National Snow and Ice Data Center, *Desert dust deposition in mountain snow cover*

1:20 Jamie L. Dyer, University of Georgia, *Spatial Variability and Patterns of Snow Cover over North America*

1:40 Kenichi Matsui, Ohio State University, *Regional Differences in Northern Hemisphere Snow Variations*

2:00 Jennifer J. Johnson, *Hydroclimatic Analysis of Snowfall Trends Associated with the North American Great Lakes*

2:20 Brian J. Harshburger, University of Idaho, *The Combined Use of Snow Water Equivalency Measurements and Snow-covered Area to Improve Streamflow Prediction*

- 3421. New Technology Forum** - Introduction by Jack Dangermond
Room: Plaza Ballroom D
 See page 32-33 for details
- 3422. Contemporary Land Cover Change in the U.S. (USGS Land Cover Trends Project)**
Room: Plaza Ballroom E (Paper Session)
 ORGANIZER(S): Kristi Sayler, United States Geological Survey
 CHAIR(S): Kristi Sayler, United States Geological Survey
1:00 Kristi Sayler, United States Geological Survey, *Contemporary land cover change in the eastern United States*
1:20 Benjamin Sleeter, United States Geological Survey, *Rates of contemporary land cover change in the Mojave Basin and Range ecoregion*
1:40 Emily Binnian, United States Geological Survey, *US Land Cover Trends in the Beaufort Coastal Plain, Alaska*
2:00 Beverly A. Friesen, United States Geological Survey, *Edwards Plateau: Analysis of Land Cover Trends*
2:20 Terry Sohl, United States Geological Survey, *Projecting land use change through 2020 using theoretical, statistical, and deterministic modeling techniques*
- 3423. Paleobiogeography I: Pollen and Charcoal Calibration and Analysis to Reconstruct Fire, Vegetation and Agricultural History (Sponsored by Biogeography Specialty Group)**
Room: Plaza Ballroom F (Paper Session)
 ORGANIZER(S): Catherine Yansa, Michigan State University; Sally P. Horn, University Of Tennessee
 CHAIR(S): Catherine Yansa, Michigan State University
1:00 Scott A. Mensing, University Of Nevada - Reno, *Pollen evidence for pre-historic maize cultivation in Chaco Canyon, New Mexico*
1:20 Sally P. Horn, University Of Tennessee, *Patterns of Recent Charcoal Accumulation in Lake Sediments in the Chirripo Paramo of Costa Rica*
1:40 Carl A. Reese, University of Southern Mississippi, *A Modern Pollen Rain Study from the Central Andes Region of South America*
2:00 Martin R. Arford, University of Tennessee, *Pollen in a Pinch: Surface Pollen Assemblages from Disturbed Mid-Elevation Forests in Northwestern Costa Rica.*
2:20 Mr. David West, University of Tennessee, Knoxville, *Airfall Sampling of Microscopic Charcoal During a Prescribed Fire in Pine Rocklands on Great Abaco Island, the Bahamas*
- 3424. Worlds of Sex Work I: Historical and Contemporary Parallels (Sponsored by Sexuality and Space Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Director's Row E (Paper Session)
 ORGANIZER(S): Stephen Legg, Cambridge University; Prof. Philip Howell
 CHAIR(S): Prof. Miles Ogborn

1:00 Prof. Philip Howell, *Prostitution and the Place of Empire: Regulation and Repeal in the British Imperial Network*

1:20 Stephen Legg, Cambridge University, *Spaces of anti-prostitution: moral and social hygiene in colonial Delhi*

1:40 Philippa Levine, *Place, Race and Prostitution in the British Empire*

2:00 Richard S. Phillips, University of Liverpool, *Imperialism, Sexuality and Space*
Discussant(s): Michael P. Brown, University of Washington

3425. Doing Ethnography I: Negotiating Relationships (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: *Director's Row F* (Panel Session)

ORGANIZER(S): Rebecca Sheehan, Louisiana State University; Helen Regis, Louisiana State University

CHAIR(S): Rebecca Sheehan, Louisiana State University

Introduction: Rebecca Sheehan, Louisiana State University

Panelists: Hester Parr; John Western, Syracuse University; Jonathan D. Lepofsky, University of North Carolina at Chapel Hill; Heather Merrill, Dickinson College; Heidi J. Nast, DePaul University

3427. Urban Housing Markets: Methods and Outcomes (Sponsored by Urban Geography Specialty Group)

Room: *Director's Row H* (Paper Session)

ORGANIZER(S): Laura Smith, Macalester College

CHAIR(S): Laura Smith, Macalester College

1:00 Philip Ashton, Rutgers University, *Market Power & Borrower Isolation: Changing Financial Structures in US Central Cities*

1:17 Laura Smith, Macalester College, *Foreclosure 'Hot-Spots': Patterns and Factors in the Twin Cities Market*

1:34 David McKay, *Predatory Lending: Personal Accounts of the Subprime Lending Industry*

1:51 Elvin K. Wyly, University of British Columbia, *Racialized and Gendered Identities in the Community Reinvestment Movement*

2:08 Lawrence A. Brown, Ohio State University, *Re-Thinking Our Understanding of Racial/Ethnic Spatial Patterning in US Cities:*

Discussant(s): David H. Kaplan, Kent State University

3430. Postcolonialism Meets Economic Geography III: Diverse Economies and Alternative Accounts

Room: *Tower Court A* (Paper Session)

ORGANIZER(S): Dr. Jane S. Pollard, University Of Newcastle Upon Tyne; Cheryl McEwan, University Of Durham

CHAIR(S): Dr. Jane S. Pollard, University Of Newcastle Upon Tyne

1:00 Dr. Jane S. Pollard, University Of Newcastle Upon Tyne, *The dawn of Islamic finance in western economies*

1:20 Jennifer Robinson, Open University, *Competitive cities? Clusters, networks and agglomeration economies*

1:40 Mr. Colin Marx, Open University, *Building alternative accounts of economic activity*

2:00 Martin Muller, University of Cambridge, *Where do we want to go today? Postisms and their practical relevance in development geography*

Discussant(s): Dr. Jane S. Pollard, University Of Newcastle Upon Tyne; Cheryl McEwan, University Of Durham

3431. Sex and Sexuality

Room: Tower Court B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Perry L. Carter, Texas Tech University

1:00 W. Scott Whitlock, University of Arizona, *"He's One of Them": The Half-Closet in the Lives of Gay and Lesbian Members of the Episcopal Church*

1:20 Mr. Edgar Liu, Institute of Australian Geographer, *Un-Queer re-appropriations: Neo-normative performances at Sydneys Gay and Lesbian Mardi Gras and National Rugby League sites*

1:40 Wen-Yu Wu, *A copy or mimicry? The differences of landscapes in the gay pride parade in Taiwan*

2:00 Carrie Gray-Wood, *Sex, Society, Law and Isolation: Pitcairn Island*

2:20 Perry L. Carter, Texas Tech University, *Nations and Bodies: Whiteness, Desire, Identity, and the Female Form*

3432. Geoarchaeology and Geomorphology II: Soils, Sediments, and the Middle East (Sponsored by Cultural and Political Ecology Specialty Group, Geomorphology Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Timothy Beach, Georgetown University; Sheryl Luzzadder-Beach, George Mason University

CHAIR(S): Nicholas P. Dunning, University of Cincinnati

1:00 Timothy Beach, Georgetown University, *Ancient Soil Erosion and the Roman Road on Turkeys Southeastern Mediterranean Coast*

1:20 Prof. Jesse Casana, University Of Arkansas - Fayetteville, *The Mediterranean Valleys Revisited: Linking Land Use, Climate Change, and Soil Erosion*

1:40 Carlos E. Cordova, Oklahoma State University, *Floodplain degradation and Early Bronze Age settlement decline in two valleys of Western Jordan*

2:00 Karl W. Butzer, University of Texas-Austin, *Desert Floods and shifting Floodplain Margins at Giza, Egypt: Construction and Destruction of the Pyramid Workmens Town*

3433. Student Illustrated Paper Competition II (Sponsored by Remote Sensing Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Christine M. Erlien, University of North Carolina; Sarah Battersby

CHAIR(S): French Tyler Huffman, University of Connecticut

1:00 Steven David Gardner, Pennsylvania State University, *Map-Use Testing of the ColorBrewer Color Schemes for Accommodation of the Color-Vision Impaired*

- 1:05** Lynda Manning-Schwartz, Texas State University - San Marcos, *Geographic and Nongeographic Signs in Mixtec Codices: A Taxonomy*
- 1:10** Mr. Christopher Wood, *Community Oriented Geospatial Education: The Southwest Missouri State University College of Natural and Applied Sciences Centennial Project*
- 1:15** Teri E. Hunsinger, Southwest Missouri State University, *Half a Century of Spatial and Temporal Landscape Changes in the Finley River Basin, Missouri*
- 1:20** Shannon K Lear, *Satellite Data GIS Server for Education and Research at Southwest Missouri State University*
- 1:25** Ms. Amy L Norman, University of Texas at Austin, *Multi-seasonal Characterization of Land Use / Land Cover in Iquitos, Peru*
- 1:30** Ms. Sun Hui Sim, University of California Santa Barbara, *Urban Land Use Mapping Using Object-oriented Classification Method*
- 1:35** Pariwate Varnakoviada, *Modeling and Prediction of Urban Landscape: The Case Study of Nang Rong, Thailand*

3434. Authors Meet Critics: Mark Bonta and John Protevi's Deleuze and Geophilosophy

Room: Grand Ballroom 1 (Panel Session)

ORGANIZER(S): Keith Woodward, University of Arizona

CHAIR(S): Keith Woodward, University of Arizona

Panelists: Mark Bonta, Delta State University; John L. Protevi, Louisiana State University; Keith Woodward, University of Arizona; Anna J Secor, University of Kentucky; Deborah Dixon; John Paul Jones, III, University of Arizona

3435. World Heritage Sites, Tourism and Travel Literature

Room: Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kevin J. Patrick, Indiana University

1:00 Rieko Nitsu, *A policy on the conditions for inscription to World Heritage List — From a point of view of the theory of Landscape —*

1:20 Sharon Thomas, *Geography Takes a Holiday*

1:40 Mr. Jason Woods, University Of Kansas, *Writings from Abroad: An Examination of Three Popular Travel Guides*

2:00 Kevin J. Patrick, Indiana University, *Romantic Landscape Tourism and the Orchestration of Show Caves*

3436. Imagining and Creating Community and Place

Room: Colorado (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rob Brown, Appalachian State University

1:00 Ms. Elizabeth Matassa, *Coney Islands of the Mind: Urban Ruins and Public Space*

1:20 David Grossman, Bar-Ilan University, *The Transformation of the Kibbutz: The Erosion of Communitarity and the Rise of Privatization,*

- 1:40 Chris W. Post, University of Kansas, *Company Town Culture: Sunflower Village, Kansas, from 1943 to 1959*
- 2:00 Elise Bowditch, University Of Washington, *Moving Out, Staying Put: Location and the Transition to Adulthood*
- 2:20 Rob Brown, Appalachian State University, *Echoes of Community: The New Deal and the Ashwood Plantation Project*

3437. Changes in Climatic Variability and Atmospheric Circulation (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)

Room: Silver (Paper Session)

ORGANIZER(S): Scott M. Robeson, Indiana University; Oliver W. Frauenfeld, University of Colorado

CHAIR(S): Robert E. Davis, University of Virginia

1:00 John Heinrichs, *The influence of teleconnections on the climate of Kansas*

1:20 Oliver W. Frauenfeld, University of Colorado, *Station versus reanalysis temperatures on the Tibetan Plateau: evidence of land-use change?*

1:40 Johannes Feddema, University of Kansas, *Assessing the impacts of land cover change on global climate*

2:00 Keith G. Henderson, Villanova University, *Climate Variations and Invasive Species in Northeast Forests*

3438. A Presentation and Discussion on the Beehive Design Collective and its Graphics

Room: Gold (Panel Session)

ORGANIZER(S): Brian Marks, University Of Arizona

CHAIR(S): Brian Marks, University Of Arizona

Panelists: Kehben Grifter, Beehive Design Collective; David Vine, Beehive Design Collective; Kevin Walsh; Brian Marks, University Of Arizona

3439. Geographies of Responsibility I (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: Century (Paper Session)

ORGANIZER(S): Trina Hamilton, Clark University; Jane Moeckli, University of Iowa

CHAIR(S): Theresa L. Romens-Woerpel, University of California-Los Angeles

1:00 Theresa L. Romens-Woerpel, University of California-Los Angeles, *Moral Imagination, Geographical Awareness and Responsible Corporate Citizenship*

1:20 Stefan Buzar, *The liquefaction of responsibility: evidence from energy policies in post-socialism*

1:40 Henrietta Williams, University of North Carolina, Chapel Hill, *Globalization, International Migration, and the Question of Governance: The US Nursing Shortage and International Nurse Recruitment*

2:00 Jean Carmalt, *Moving Away from the Nation-State: International Human Rights Law in the Global Economy*

2:20 Rex Honey, University of Iowa, *Child Labor and International Human Rights: Implementing ILO Convention 182*

3440. Conservation and Private Lands in the New West I: Institutions and Ownership (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Spruce (Paper Session)

ORGANIZER(S): Eric Compas, University of Wisconsin-Madison

CHAIR(S): Eric Compas, University of Wisconsin-Madison

1:00 Marissa Smith, Arizona State University, *The Social Capital Response to Environmental Conflict in the Lower San Pedro River Valley*

1:20 Stacy Rosenberg, University of Oregon, *Private Landowner Perspectives from Western Oregon: Land Stewardship, Community, and Watershed Councils*

1:40 Jessica Lage, University of Colorado, *A qualitative study of land management practices among new owners of ranches in the Sierra Valley, California*

2:00 Barbara Kearney, University of Maryland, *Public land Management and Local Interests: The Balancing Act*

Discussant(s): William R. Travis, University Of Colorado, Boulder

3441. Regime Theory, Neoliberal Governance and Governmentality

Room: Denver (Paper Session)

ORGANIZER(S): Richard Van Deusen, Syracuse University; Laam Hae, Syracuse University

CHAIR(S): Richard Van Deusen, Syracuse University

1:00 Ms. Susan Moore, London School of Economics, *New Urbanist living spaces: governing at a distance?*

1:20 Ms. Shannon Dawn Logan, *Preservation, Politics and the Public Good: A Critical Analysis of Private Conservation on the Oak Ridges Moraine*

1:40 Jean-Paul Addie, *Urban Governance and the Politics of Cultural Regeneration*

2:00 Katherine B. Hankins, University of Georgia, *The regime goes to (charter) school: The Atlanta Journal Constitution and regime politics in education*

2:10 Deborah G. Martin, Clark University, *The regime goes to (charter) school: The Atlanta Journal Constitution and regime politics in education*

3443. Geography of Wine Panel Session (Sponsored by Wine Specialty Group)

Room: Beverly (Panel Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown University Of Pennsylvania

CHAIR(S): William K. Crowley, Sonoma State University

Panelists: Artimus Keiffer, Wittenberg University; Tom Schmidlin, Kent State University; Tony Shaw, Brock University; Teresa L. Bulman, Portland State University; Christopher Brown, New Mexico State University

3444. Coastal and Marine I

Room: Biltmore (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): L. Jean Palmer-Moloney, San Jose State University /NASA Ames Co-op

1:00 Mr. Dan Urban, *Remote Sensing of the Seafloor Using Hydroacoustics: Case Examples from the Gulf of Alaska*

- 1:20 Mr. Stephen White, NOAA/NOS/NGS/RSD, *A Sensor Fusion Approach to Shoreline Mapping*
- 1:40 Brian Bossak, USGS, *Toward Predicting Coastal Vulnerability to Natural Hazards: A GIS-based Approach Utilizing NASA's Experimental Airborne Advanced Research LIDAR (EAARL)*
- 2:00 Adeline Wong, NOAA National Ocean Service, *Consistent Integration of Multi-temporal Bathymetry and Land Elevations for Coastal North Carolina*
- 2:20 L. Jean Palmer-Moloney, San Jose State University /NASA Ames Co-op, *Remote Sensing as a Tool for Coastal Resource Management: Using Spectral Analysis in the Salt Pond Restoration Project of Southern San Francisco Bay*

3446. Changing Economic Geography of Developing Countries III: Technology and Innovation I (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: *Columbine* (Paper Session)

- ORGANIZER(S): Yifei Sun, California State University; Roger C.K. Chan, The University Of Hong Kong
- CHAIR(S): Yifei Sun, California State University
- 1:00 Jinn-Yuh Hsu, National Taiwan University, *Leveraging Applied Research and Technological Development among East Asian Firms*
- 1:20 Rajrani Kalra, Kent State University, *High Technology and Urban Development: A Case Study of Bangalore, India*
- 1:40 Weiping Wu, Virginia Commonwealth University, *Development of a Local Innovation System and University-Industry Linkages in Shanghai*
- 2:00 Roger C.K. Chan, The University Of Hong Kong, *Hi-Tech Industrial Firms in Shanghai: Business Environment and Institutional Framework*
- Discussant(s): Dr. Susan M. Walcott, Georgia State University

3447. Believers, Sacred Space, and Sacred Places (Sponsored by Bible Geography Specialty Group)

Room: *Terrace* (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, *Climate, Environmental and Social Stress, and Modern Religious Thought*
- 1:20 Prof. Chris Drake, Old Dominion University, *Ephesus: the first of the seven Revelation churches in Asia Minor*
- 1:40 Bruce R. Crew, Michigan State University, *The Geo-Political Impact of King David's Military Activities in Ancient Isreal*
- 2:00 Harold Brodsky, University of Maryland, *Animated computer maps of Ezekiel's prophecy*
- 2:20 Jeanne Kay Guelke, University of Waterloo, *The Book of Revelation and the Celestial Calendar*

3448. Experts Exchange on Hyperspectral and Hypertemporal Image Analysis (Sponsored by Remote Sensing Specialty Group)*Room: Savoy (Paper Session)*

ORGANIZER(S): L. Monika Moskal, Southwest Missouri State University; Mr. Raymond Kokaly

CHAIR(S): L. Monika Moskal, Southwest Missouri State University

1:00 Mr. Raymond Kokaly, *Post-fire characterization of the land surface and vegetation using imaging spectroscopy data for Cerro Grande NM***1:16** Ms. Yuki Hamada, *Detecting invasive plants in riparian habitats of southern California using hyperspectral remote sensing***1:32** Geoffrey Folker, KU Geography/KARS, *Assessing a Multitemporal and Multiscale Remote Sensing Approach for Characterizing Rangeland Condition on the Central Great Plains***1:48** Ms. Kathleen Dudek, *Modifications of processing to improve the reliability of change maps produced from hyperspectral imagery: a case study using AVIRIS to identify change in leafy spurge between 1999 and 2001 within Theodore Roosevelt National Park, North Dakota***2:04** Keith Livo, United States Geological Survey, *Mapping altered minerals to characterize porphyry copper deposits using AVIRIS data***2:20** L. Monika Moskal, Southwest Missouri State University, *Hypertemporal response of natural and man made forest disturbances***3449. Crime and Poverty Issues in Diverse Contexts***Room: Majestic Ballroom (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Risa C. Whitson, Ohio University

1:00 Elizabeth A. Brown, *Prevention and Punishment: A (neo)liberal geography of juvenile justice transformations***1:20** Birgit S. Neuer, University of Cologne, *From social to geographical places of delinquency***1:40** Mr. Andy Walter, *Attitude without accountability: The political paradox of hunger in the United States.***2:00** Mr. Anirban Pal, *Legislative framework for Equity in Land-use Planning: The case of Calcutta***2:20** Risa C. Whitson, Ohio University, *Place, Gender, and the Structure of Informal Work in Urban Argentina***3450. Indigenous Methods Round Table Discussion (Sponsored by Indigenous Peoples Specialty Group)***Room: Vail (Panel Session)*

ORGANIZER(S): Renee Pualani Louis, University of Hawaii

CHAIR(S): Renee Pualani Louis, University of Hawaii

Panelists: Renee Pualani Louis, University of Hawaii; Laurel Smith, University of Kentucky; Mr. Hearn Yuit Chua, Syracuse University; Brian J. Murton, University of Hawaii; Margaret A. Knox

3451. Urban and Transportation Geography

Room: Tower Exhibit Area (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

Paul G. Marr, Shippensburg University, *Town Accessibility and Isolation in the Purépecha Region of Michoacán, Mexico*

Brandie L. Fariss, UNC-Chapel Hill, *Modeling the Use and Potential for Tragedy on the Commons of the Reserva de Huascarán, Peru*

Taylor E. Mack, Mississippi State University, *Ports and Hinterlands in the Gulf of Fonseca, Honduras, 1858-1869*

Jeffrey W. Lash, University of Houston Clear Lake, *Community Development Through Participatory Geographic Information Systems*

Zachary Staff, SUNY - Geneseo, *A Ferrytale for Rochester*

Sainath Challuri, Louisiana State University, *Transportation Geography*

Mr. David Parr, Texas State University-San Marcos, *Has Growth Affected Water Quality in Austin, Texas Streams?*

Paul Martin, United States Geological Survey, *Landscape Change and Socioeconomic Trends in the Austin, Texas Region*

Thomas A. Wikle, Oklahoma State, *General Aviation and U.S. Airspace Following 9/11*

Steven Mannewitz, Brigham Young University, *Overnight Growth: A City Profile and the Expanding Development of Suzhou, China.*

Amy Weeks, University of North Carolina at Charlotte, *Bridging the Gap: GIS Application Development Scenarios to Support E-Government Initiatives in Mecklenburg County, North Carolina*

David Kay, Brigham Young University, *Shack Settlement Planning: Transforming South African Informal Settlements into Viable Communities*

Yi-Hwa Wu, *Dynamic Shortest Path on Urban Transportation Network*

Hong Chen, Miami University, *Urban Entrepreneurialism in China*

Truman A. Hartshorn, Georgia State University, *Mall to Anti-Mall: 21st Century Retailing Generates New Formats*

Maria McCormick, *Twentieth Century Population Trends in the San Antonio-Austin, Texas Region (The Rural-to-Urban Transition)*

Cayla Buell, *A Segregation Index using GIS*

Joshua Foster, University of North Alabama, *Landscape Change and Management: A Commuter to Pedestrian Transformation at the University of North Alabama*

Charles G. Schmidt, University of Northern Colorado, *Annexation Patterns and Impacts on Population Growth: Implications of the Land Rush Approach*

Marcie Kuehl, University of Wisconsin-Platteville, *Gambling for change: Casino Windsor as a catalyst for the creation of urban business districts*

Kathleen Casey, United States Geological Survey, *Monitoring of Urban Landscape Change in the Austin-Round Rock Metropolitan Statistical Area*

Timothy Dzurilla, Clark University, *Urban Development Through a Community Website*

Christine Richter, University Of Denver, *Gated Communities in the Denver-Boulder Area - Part II*

3:00 p.m. - 4:40 p.m.

- 3501. Political Geographies of Mobility: Place, race and belonging I (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Plaza Court 1 (Paper Session)
 ORGANIZER(S): Lise Nelson, University of Oregon; Nancy A. Hiemstra, University of Oregon
 CHAIR(S): Lise Nelson, University of Oregon
3:00 Luisa Veronis, University of Toronto, *Latin American places/spaces in Toronto: Immigrant strategies for a new home in the nation*
3:20 Nancy A. Hiemstra, University of Oregon, *Latino immigrants, spaces of interaction, and the politics of being illegal in Leadville, CO*
3:40 Lise Nelson, University of Oregon, *Housing security and claims to social citizenship: Latino/a farmworkers in Oregon*
4:00 Jamie Winders, Syracuse University, *Envisioning Diversity and Describing Difference in the Music City*
 Discussant(s): Richard A. Wright, Dartmouth College
- 3502. Experiences and Lessons in GIS Education - I (Sponsored by Geographic Information Science and Systems Specialty Group, Community College Affinity Group, Geography Education Specialty Group)**
Room: Plaza Court 2 (Paper Session)
 ORGANIZER(S): Ming-Hsiang (Ming) Tsou, San Diego State University; Ann Johnson, ESRI, INC
 CHAIR(S): Ming-Hsiang (Ming) Tsou, San Diego State University
3:00 Joseph J. Kerski, United States Geological Survey, *Integrating GIS in Watershed and Flood Geography Education*
3:20 Lisa Pitts, *Geography back in High School? Assessing GIS and Technology for teaching Geography. Case Study: West Covina High School*
3:40 R. Maxwell Baber, Samford University, *The AEGIS Project: Expanding the Reach of Geographic Information Science at a Liberal Arts University*
4:00 Ronald Briggs, University Of Texas - Dallas, *The development of a doctoral program in Geospatial Information Sciences at the University of Texas at Dallas*
4:20 Ming-Hsiang (Ming) Tsou, San Diego State University, *Adopting Web-based GIS for the Development of a Scalable GIS Education Program*
- 3503. Global Production Networks, Logistics and Transport (Part I) (Sponsored by Economic Geography Specialty Group, Transportation Geography Specialty Group)**
Room: Plaza Court 3 (Paper Session)
 ORGANIZER(S): Jean-Paul Rodrigue, Hofstra University; Martin H. Hess, University Of Manchester
 CHAIR(S): Markus Hesse
3:00 Yuko Aoyama, Clark University, *Competition and Inter-firm Relations in the U.S. Logistics Industry*

- 3:20 Jean-Paul Rodrigue, Hofstra University, *Transportation and Global Production Networks: The Challenges of Geographical and Functional Integration*
- 3:40 Markus Hesse, *Global chain, local pain, and the question of power: how to manage the regional implications of global production and distribution networks*
- 4:00 Theo E. Notteboom, ITMMA - University of Antwerp, *Freight integration in container shipping: towards mega-carriers serving global production networks ?*
- 4:20 Keith Debbage, University of North Carolina - Greensboro, *The Geography of Air Transport Demand and Production Networks by US Metropolitan Area*

3504. Producing Femininities and Masculinities in Post-Socialism (Sponsored by Socialist and Critical Geography Specialty Group, Russian, Central Eurasian, and East European Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Marianna Pavlovskaya, Hunter College

- 3:00 Ms. Rebecca Kay, *Heroes or Villains? Russian media representations of men and masculinity in the post-Soviet era*
- 3:20 Cynthia Pope, Central Connecticut State University, *Womens Changing Roles in Contemporary Cuban Society: The Interconnections of Economy, Geopolitics, and Feminism*
- 3:40 John Round, *Coping with Post-Socialism: Changing Middle-Aged Masculinities in Post-Soviet Russia*
- 4:00 Annemarie Polderman, Ohio State University, Department of Geography, *Rural womens livelihoods: transition experiences in Bulgaria*
- Discussant(s): Elizabeth C. Dunn, University Of Colorado - Boulder

3505. Rural and Small Town Transitions in North America II: Population Change and Migration (Sponsored by Rural Geography Specialty Group, Population Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): John Cromartie, USDA; Peter B. Nelson, Middlebury College

CHAIR(S): Alexander C. Vias, University Of Connecticut

- 3:00 Alfred R. Nucci, Census Bureau, *Population Change in Continuously Nonmetropolitan Territory - Evidence from Micropolitan and Other Nonmetropolitan Areas*
- 3:20 Peter B. Nelson, Middlebury College, *Baby boomers and rural population change - a multi-scaled analysis*
- 3:40 David A. Plane, University of Arizona, *The End of the Ravenstein Era? Recent Migration Flow Patterns Down the U.S. Urban Hierarchy*
- 4:00 Matthew W. Foulkes, University Of Missouri, *Residential mobility and housing instability in impoverished rural mobile home parks*
- 4:20 Jason Holcomb, Morehead State University, *From the Hills of Veracruz to a New Kentucky Home: Hispanic Migration Frontiers in the United States and Mexico.*

3506. Politics of Scale: Environment, Community, and Justice (Sponsored by Cultural and Political Ecology Specialty Group)*Room: Plaza Court 6 (Paper Session)*

ORGANIZER(S): Jill Harrison; Dustin Mulvaney, University Of California - Santa Cruz

CHAIR(S): Jill Harrison

3:00 E. Melanie Dupuis, UNIVERSITY OF CALIFORNIA, SANT, *Social Justice and the Politics of Scale***3:20** Jill Harrison, *Multiple Locals?: Negotiating Scalar Discourse in California's Pesticide Drift Debates***3:40** Hilda Kurtz, University of Georgia, *The scale politics of opposition to Walmart***4:00** Dustin Mulvaney, University Of California - Santa Cruz, *A Political Ecology of Pharmaceutical Rice in California*

Discussant(s): Eric P Perramond, Stetson University

3507. Coming From Abroad: On Studying and Teaching Geography in the United States (Sponsored by Geography Education Specialty Group, International Network for Learning and Teaching Geography in Higher Education, Ethnic Geography Specialty Group)*Room: Plaza Court 7 (Paper Session)*

ORGANIZER(S): Heike Alberts, University of Wisconsin-Oshkosh

CHAIR(S): Janice Monk, Department of Geography and Regional Development

3:00 Susan Hume, University of Oregon, *African Students Experiences on American Community College and University Campuses***3:20** Dr. Jennifer Collins, Bloomsburg University, *Coming to America: A case study depicting challenges facing faculty coming to United States Universities and assessing opportunities for new academics.***3:40** Heike Alberts, University of Wisconsin-Oshkosh, *International Faculty Challenges and Opportunities***4:00** Rebecca Theobald, University of Colorado - Boulder, *Internationalization: Institutions, People, and Programs in Colorado***3508. Dendroecology and Disturbance (Sponsored by Biogeography Specialty Group)***Room: Plaza Court 8 (Paper Session)*

ORGANIZER(S): James H. Speer, Indiana State University; Lori D. Daniels, University of British Columbia

CHAIR(S): Sonya Powell, University of British Columbia

3:00 Mr. Matthew Landis, Middlebury College, *Early performance predicts canopy attainment across life-histories in subalpine forest trees***3:20** Saskia Van De Gevel, *Dendroecological analyses of stand dynamics in whitebark pine communities, Lolo National Forest, USA.***3:40** Susy Svatek Ziegler, University Of Minnesota - Minneapolis, *Range Expansion of Eastern Spruce Budworm in Northern Minnesota***4:00** Shane McCloskey, University of British Columbia, *Impacts of defoliation by western hemlock looper on coastal BC forests*

Discussant(s): James H. Speer, Indiana State University

3509. Eastern Forest Dynamics (Sponsored by Biogeography Specialty Group)*Room: Governor's Square 9 (Paper Session)*

ORGANIZER(S): Brenden McNeil, Syracuse University

CHAIR(S): Brenden McNeil, Syracuse University

3:00 James Dyer, Ohio University, *Deciduous Forests of Eastern North America: revisiting Brauns map of forest regions using present-day forestry data***3:20** David Shankman, University of Alabama, *The Fall Line Biogeographic Boundary***3:40** Jodi Sparks, Indiana State University, *Spring ephemeral plant diversity as it relates to gap dynamics in Vigo County, Indiana .***4:00** Jeffrey Littleton, Moosewood Ecological Services, *Distribution, Composition, and Age Structure of Old-Growth Forest Communities, Mt. Everett, MA***4:20** Brenden McNeil, Syracuse University, *Relationships of nitrogen deposition and foliar nitrogen for seven tree species in the Adirondack Park, NY***3510. Qualitative Research & GIS: Session 2 (Sponsored by Qualitative Research Specialty Group, Geographic Information Science and Systems Specialty Group)***Room: Governor's Square 10 (Paper Session)*

ORGANIZER(S): LaDona G. Knigge, University at Buffalo (SUNY); Mei-Po Kwan, Ohio State University

CHAIR(S): LaDona G. Knigge, University at Buffalo (SUNY)

3:00 Jill S. Heaton, University of Nevada, Reno, *Quantitative mapping of qualitative information for decision support.***3:20** Lin Wu, California State University, *A Modeling Approach to Post-Fire Forest Composition and Spatial Pattern Study***3:40** Matt Eggleton, SUNY Buffalo, *Use of GIS to Study and Track the Quality of Underutilization in Conover, NC***4:00** Trevor M. Harris, West Virginia University, *The Higuchi approach to viewing landscapes through GIS***3511. Recruiting and Retaining African-American and Latino Students for Geography Departments: Student Perspectives (Sponsored by Population Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)***Room: Governor's Square 11 (Panel Session)*

ORGANIZER(S): Lawrence E. Estaville, Jr, Texas State University - San Marcos

CHAIR(S): Lawrence E. Estaville, Jr, Texas State University - San Marcos

Panelists: Lawrence E. Estaville, Jr, Texas State University - San Marcos; Fenda A. Akiwumi, Hill College; Terry-Ann Jones, University Of Miami; Ms. Cynthia Adom; Jorge Luis Gallegos, Hunter College - City University; Nikki Williams, Texas State University - San Marcos

- 3512. Session II in Honor of Donald R. Currey: Mountains, Deserts, Coasts, and Soils (Sponsored by Geomorphology Specialty Group, Coastal and Marine Specialty Group)**
Room: Governor's Square 12 (Paper Session)
 ORGANIZER(S): Dorothy Sack, Ohio University; James F. Petersen, Texas State University - San Marcos
 CHAIR(S): Dorothy Sack, Ohio University
3:00 John Shroder, Jr, University of Nebraska, *The K2 Karakoram Himalaya Project*
3:20 David E. Wilkins, Boise State University, *Dendrochronology of Dune Activity in the Coral Pink Sand Dunes, Kane County, Utah*
3:40 Norbert P. Psuty, Rutgers University, *Sedimentation and Geomorphological Evolution of a Flood Tidal Delta, Great Egg Harbor Bay, New Jersey.*
4:00 Donald Johnson, University of Illinois, *The Genetic Link Between Small Fossorial Vertebrates, Two-Layered Biomantles, and Mima Mounds in the Puget Sound Lowlands, Washington.*
- 3514. Urban Geography Specialty Group Plenary: Ananya Roy (Sponsored by Urban Geography Specialty Group)**
Room: Governor's Square 14 (Paper Session)
 ORGANIZER(S): Katharyne Mitchell
 CHAIR(S): Katharyne Mitchell
 Introduction: Katharyne Mitchell
3:10 Prof. Ananya Roy, University Of California - Berkeley, *Debtscape: The Urban-Rural Geographies of Neoliberal Populism*
- 3515. Geographies of Dirt and Purity 2**
Room: Governor's Square 15 (Paper Session)
 ORGANIZER(S): Rosie Cox; Laura Venn
 CHAIR(S): Rosie Cox
3:00 Nicola Higgins, University of Cambridge, *Race, place and belonging: the role of dirt in constructions of British suburbia*
3:20 David Papadopoulos, *On The Utility Of Filth*
3:40 Bruce Scholten, University Of Durham (UK), *Do I dare to eat the beef? UK/US consumer risk perceptions of BSE/vCJD*
4:00 Laura Venn, *Food and Soil: Dirt, cleanliness and connecting consumers to the growing of their food*
 Discussant(s): Sarah Moore, University of Kentucky
- 3516. Climate & Health II (Sponsored by Medical Geography Specialty Group, Climate Specialty Group)**
Room: Governor's Square 16 (Paper Session)
 ORGANIZER(S): Andrew C. Comrie, University of Arizona
 CHAIR(S): John Harrington, Jr, Kansas State University
3:00 Jongnam Choi, Western Illinois University, *New method of heatwave based on the statistical deviation of daily maximum and minimum apparent temperature*

- 3:20 Erik Bowles, *Classifying Heat Waves in the Central Great Plains*
 3:40 John Harrington, Jr, Kansas State University, *Extreme Heat Event Classification*
 4:00 Scott Sheridan, Kent State University, *Separating the Effects of Weather and Pollution on Acute Human Mortality*
 Discussant(s): John Harrington, Jr, Kansas State University

3517. Sport, Recreation, and Symbolism

- Room: *Governor's Square 17* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): William Flynn, Oklahoma State University
 3:00 Lori Emerson, *Mining for meaning in Colorado's white gold: reading the landscape at Aspen, Steamboat, and Winter Park ski areas using Alpine ski trail names*
 3:20 Jonathan M. Smith, Texas A&M, *The Texas Aggie Bonfire Was a Condensation Symbol*
 3:40 William Flynn, Oklahoma State University, *Down the Field & Across the Nation: The Geography of College Fight Songs*

3518. Human Geography without Scale (Sponsored by Political Geography Specialty Group)

- Room: *Plaza Ballroom A* (Paper Session)
 ORGANIZER(S): John Paul Jones, III, University of Arizona; Ronald J. Johnston, University of Bristol
 CHAIR(S): Ronald J. Johnston, University of Bristol
 3:00 John Paul Jones, III, University of Arizona, *Human Geography without Scale*
 Discussant(s): Helga Leitner, University Of Minnesota - Minneapolis; Neil Smith, City University Of New York; John L. Protevi, Louisiana State University

3519. Space, Time, and Economy II

- Room: *Plaza Ballroom B* (Paper Session)
 ORGANIZER(S): Geoff Mann, University of California, Santa Barbara; Joel Wainwright, University of British Columbia
 CHAIR(S): Joel Wainwright, University of British Columbia
 3:00 Trevor J. Barnes, University Of British Columbia, *Lost in translation: towards an economic geography as boundary object*
 3:20 Martin R. Jones, University Of Wales, Aberystwyth, *The Political Challenge of Phase Space*
 3:40 Geoff Mann, University of California, Santa Barbara, *Political Economies of Time: Making Class Make Sense*
 4:00 Jake Kosek, University of California Berkeley, *On Citizens and Bees: Towards a Political Natural History of the Swarm*
 Discussant(s): Mary E. Thomas, University Of California, Los Angeles

3520. Outdoor Recreation & Sports: Current Issues

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Margaret M. Gripshover, University Of Tennessee

3:00 Gillian Fiona Dalrymple, University Of Glasgow, *Modelling Recreation: ecological and perceptual dimensions*

3:20 Theodore L. Goudge, Northwest Missouri State, *The Courts of Foreign Exchange: A Spatial Analysis of Major College Tennis.*

3:40 Stephen J. Stadler, Oklahoma State University, *A U.S. Climatology of Playable Days from Hourly Data*

4:00 Margaret M. Gripshover, University Of Tennessee, *Run, Spot, Run!: The Evolution of Dog Agility in the United States, 1990-2003*

3522. Light Rail and Public Transit Planning

Room: Plaza Ballroom E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kenneth Denike, University Of British Columbia

3:00 Bradley Lane, Indiana University, *Plains, Trains, and Automobiles: Land Use, Rail Transit, and Urban Travel in US Cities*

3:20 Qisheng Pan, Texas Southern University, *Is light rail a competitive mode in Urban Transportation System? A Case Study on the Houston METRORail Transit Line*

3:40 Christopher Upchurch, Arizona State University, *A Spatial Decision Support System for Predicting Light Rail Transit Ridership*

4:00 Gunwha Oh, SUNY - Buffalo, *An Activity-Based Approach for Planning of the Public Transportation Network: The University at Buffalo, SUNY North Campus Case Study*

4:20 Kenneth Denike, University Of British Columbia, *U-Pass, a solution to a non-core economic dilemma*

3523. Paleobiogeography II: Paleo Records of Climate, Geomorphic, and Vegetation Change from the American and African Tropics (Sponsored by Biogeography Specialty Group)

Room: Plaza Ballroom F (Paper Session)

ORGANIZER(S): Sally P. Horn, University Of Tennessee; Robert Andrew Dull, University of Texas at Austin

CHAIR(S): Martin R. Arford, University of Tennessee

3:00 Ken Orvis, University of Tennessee, *Synchronous Bog Initiation circa 4,500 cal. yr. BP at High Elevation Sites in Hispaniola*

3:20 Robert Andrew Dull, University of Texas at Austin, *Lahar hazards and late Holocene paleoecology from Volcán Mombacho, Nicaragua.*

3:40 Michelle Goman, Cornell University, *Palynological analysis of sediment cores from Laguna Pastoria, Oaxaca, Mexico*

4:00 Zachary P. Taylor, University of Tennessee, *Environmental History at Laguna Yaguarú, Bolivia: Evidence from Pollen, Stable Carbon Isotopes, and an Embedded Mineral Facies*

4:20 Lawrence Kiage, LSU, *Vegetation Change and Land Degradation in the Lake Baringo Ecosystem, Kenya, East Africa: Evidence from the Paleorecord*

- 3524. Worlds of Sex Work II: historical and contemporary parallels (Sponsored by Sexuality and Space Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Director's Row E (Paper Session)
 ORGANIZER(S): Stephen Legg, Cambridge University; Prof. Philip Howell
 CHAIR(S): Lawrence Knopp, Jr., University of Minnesota-Duluth
3:00 Jessica Jacobs, Open University/ CBRL, *Women Behaving Badly? Negotiating Modernity and Sex Tourism in Sinai, Egypt*
3:20 Mr. Rory Gallagher, Cambridge University, *Shifting markets, shifting risks: The geographies of male and transgender tourist-orientated sex work in South-East Asia*
3:40 Philip Hubbard, Loughborough University, *Sex work in the neoliberal city*
 Discussant(s): Brenda Yeoh, National University of Singapore
- 3525. Doing Ethnography II: Recovering from "Stumbles" (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Director's Row F (Panel Session)
 ORGANIZER(S): Rebecca Sheehan, Louisiana State University; Helen Regis, Louisiana State University
 CHAIR(S): Helen Regis, Louisiana State University
 Panelists: Tim Cresswell, University of Wales, Aberystwyth; Paul Thomas Kingsbury, Miami University; Marcia England, University Of Kentucky; Miles Richardson, Louisiana State University; Rebecca Sheehan, Louisiana State University
- 3527. GIS and Visualization**
Room: Director's Row H (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Donna J. Peuquet, Pennsylvania State University
3:00 Chaoqing Yu, *Toward representation and use of geographic knowledge in a GIS context*
3:20 Junyan Luo, *Ontology-based Coordination of Geo-Visualization*
3:40 Samara Ebinger, University of New Orleans, *Comparing the Usability of Different Levels of Interactivity in the Visualization of Spatio-Temporal Data*
4:00 Chris McDowall, University Of Auckland, *Representing vague, dynamic entities in GIS*
4:20 Donna J. Peuquet, Pennsylvania State University, *Representing spatiotemporal data in GIS: Extension of the event-based spatiotemporal data model (ESTDM)*

3530. Postcolonialism and Development: New Dialogues? 1*Room:* Tower Court A (Paper Session)

ORGANIZER(S): Joanne P. Sharp, University of Glasgow; John Briggs, University of Glasgow

CHAIR(S): Joanne P. Sharp, University of Glasgow

3:00 David Simon, University Of London, *(Post)Development and (Post)Colonialism: how/ever the twain shall meet***3:20** Colin Mcfarlane, *Knowledge for development and postcolonialism: exploring sites of connection***3:40** Ian Yeboah, Miami University, *Post colonialism, the development debate, and water privatization in Ghana: How far do we have to go?***4:00** Mike Kesby, *Spatialising empowerment: re-theorising empowerment-through-participation as a performance in space***4:20** Katharine Islay McKinnon, The Australian National University, *Post-development subjects and the political in northern Thailand.***3531. Geography and the South Asian Tsunami***Room:* Tower Court B (Panel Session)

ORGANIZER(S): Richard A. Marston, Oklahoma State University

CHAIR(S): Richard A. Marston, Oklahoma State University

Panelists: Susan L. Cutter, University Of South Carolina; Nathan Wood, United States Geological Survey; David Lewis Skole, Michigan State University; Robert S. Chen, CIESIN/Columbia University; Bimal Kanti Paul, Kansas State Univ

3532. Geoarchaeology and Geomorphology III: Soils, Sediments, and the World (Sponsored by Cultural and Political Ecology Specialty Group, Geomorphology Specialty Group)*Room:* Tower Court C (Paper Session)

ORGANIZER(S): Timothy Beach, Georgetown University; Carlos E. Cordova, Oklahoma State University

CHAIR(S): Carlos E. Cordova, Oklahoma State University

3:00 Patricia Fanning, Macquarie University, Sydney, *Spatial and temporal geomorphic controls on the archaeological record of Aboriginal hunter-gatherers in arid Australia***3:20** Paul Adderley, *Cultural ecology in the Kala-Balge region, North East Nigeria: ethno-pedological understandings and historical resource use.***3:40** William I. Woods, University of Kansas, *The Built Environment of a Medieval Outer Bailey (Walhain, Belgium)***4:00** Rebecca Manners, Dartmouth College, *Floodplain Development, El Nino, and Cultural Adaptation in a Hyper-Arid Andean Environment*

3533. R.S. Tarr Cryosphere Student Illustrated Poster Competition (Sponsored by Cryosphere Specialty Group)

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Andrew Klein, Texas A&M University; Susan W.S. Millar, Syracuse University

CHAIR(S): Andrew Klein, Texas A&M University

Introduction: Susan W.S. Millar, Syracuse University

3:05 Andrea Wedo, University Of Delaware, *Sedimentary Characteristics of the Hickory Run Boulder Field, Carbon County, Pennsylvania***3:10** Benjamin Jones, University Of Cincinnati, *Radiocarbon dating of drained thaw-lake basins, Arctic Coastal Plain, Alaska***3:15** Chelsea Teale, *Dung Deal: Mastodon Digesta as a Paleobiogeographic Proxy Record***3:20** Mr. John Hurd, *Monitoring Ground Subsidence in Continuous Permafrost Using Differential Global Positioning System***3:25** Mr. Jonathon Little, University of Delaware, *Monitoring Frost Heave and Thaw Settlement in Arctic Alaska Using Differential Global Positioning Systems Technology***3:30** Joni Kincaid, Texas A&M University, *Modeling Tropical Glacier Change on Mt. Jaya in Irian Jaya, Indonesia***3:35** Mary D. Lemcke, University Of Delaware, *The Effect of Sea-Ice Thickness on Polar MM5 Simulations of Antarctic Atmospheric Conditions***3:40** Mr. Mark Demitroff, University of Delaware, *Late-Pleistocene Thermokarst in the Pinelands of southern New Jersey***3:45** Ms. Meredith Knauf, *Rock glaciers as a source of nutrients to alpine ecosystems: An aquatic conundrum***3:50** Tamlin Pavelsky, University of California – Los Angeles, *Spatial and temporal patterns in Arctic river ice breakup observed with MODIS and AVHRR time series***3:55** Michael T. Walegur, University of Delaware, *Spatial and Temporal Variability of Appalachian Air Temperatures: Applications to Studies of Frozen Ground***4:00** Jennifer Horwath, University Of Washington, *Assessing Organic Carbon Distribution of High Arctic Soils: A Multidisciplinary Approach***4:05** Keith Jackson, *The Flow and Mass Wastage of Eliot Glacier, Mount Hood, Oregon***4:10** Mr. Elias Deeb, University of Utah, *Monitoring Changes in Snow Water Equivalent Using Interferometric Synthetic Aperture Radar (InSAR)***3536. The Crown of the Continent Ecosystem: New Insights from Recent Research I (Sponsored by Climate Specialty Group, Cryosphere Specialty Group, Mountain Geography Specialty Group)**

Room: Colorado (Paper Session)

ORGANIZER(S): Ulrich Kamp, DePaul University; Dr. Daniel B. Fagre, United States Geological Survey

CHAIR(S): Dr. Daniel B. Fagre, United States Geological Survey

3:00 Dr. Daniel B. Fagre, United States Geological Survey, *Crown of the Continent Ecosystem Responses to Climate Change*

- 3:20 Ms. Karen Holzer, *Monitoring Alpine Plants in the Crown of the Continent Ecosystem: The Glacier National Park GLORIA Project.*
- 3:40 Gregory Pederson, Montana State University, *Fire and Ice: Understanding the Legacy of the Little Ice Age for Contemporary Landscape Patterns and Processes in Glacier National Park, Montana, USA*
- 4:00 Jeremy Littell, University of Washington, *Climate Change, Climate Variability, and Douglas-fir Growth in Mountain Ecosystems of Northwestern North America*
- 4:20 Sunday Goshit, University Of Iowa, *Climate Variability in Montana 1951-2000*

3537. Changing Climatic Variability: Detection and Impacts (Sponsored by Climate Specialty Group)

Room: *Silver* (Paper Session)

- ORGANIZER(S): Scott M. Robeson, Indiana University
 CHAIR(S): Scott M. Robeson, Indiana University
- 3:00 Steve LaDochy, California State University Los Angeles, *Recent California Climate Variability: Spatial and Temporal Patterns in Temperature Trends*
- 3:20 Ms. Leslie Ensor, *Statistical Differences in Gridded and Point Precipitation Datasets in the Midwestern United States*
- 3:40 Noriyuki Sato, Indiana University, *Changes in mean and variance of air temperature: Impact on surface transportation infrastructure*
- 4:00 Shouraseni Sen Roy, Arizona State University, *Analysis of trends in maximum and minimum temperature, diurnal temperature range, and cloud cover over India*
- 4:20 Scott M. Robeson, Indiana University, *Recent Changes in Interdiurnal, Interannual, and Persistent Air-Temperature Variability over North America*

3538. Living Beyond the Warfare-Welfare Nexus: Concluding Discussion Session (Sponsored by Socialist and Critical Geography Specialty Group)

Room: *Gold* (Panel Session)

- ORGANIZER(S): Jenna M. Loyd, UC Berkeley
 CHAIR(S): Jenna M. Loyd, UC Berkeley
 Panelists: Lawrence D. Berg, Okanagan University College; Don Mitchell, Syracuse University; Clyde Woods; Ruth Wilson Gilmore, University of California

3539. Geographies of Responsibility II (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: *Century* (Paper Session)

- ORGANIZER(S): Trina Hamilton, Clark University; Theresa L. Romens-Woerpel, University of California-Los Angeles
 CHAIR(S): Trina Hamilton, Clark University
- 3:00 Fernando J. Bosco, San Diego State University, *Governance, post-development and responsibility: solidarity networks in Argentina*
- 3:20 Mr. Hearn Yuit Chua, Syracuse University, *Cultural Survival, Inc.: Indigenous Peoples Cultural Survival?*
- 3:40 Trina Hamilton, Clark University, *Citizens in the Marketplace: How far can multiple subjectivity take us?*

4:00 Mr. Bradley Wilson, Rutgers University, *Was Responsibility Lost in Translation?: Fair-Trade and Solidarity in the Midst of Crisis*

4:20 Elissa Sutherland, *Boundaries of governance: ethical clothing initiatives in Australia*

3540. Conservation and private lands in the New West II: Ecologies (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: *Spruce* (Paper Session)

ORGANIZER(S): Eric Compas, University of Wisconsin-Madison

CHAIR(S): Eric Compas, University of Wisconsin-Madison

3:00 Cynthia Leigh Sorrensen, University of Arizona, *Grazen' prevents blazen': vegetation management, landscape and geographies of hazard in the American West.*

3:20 Julia Haggerty, *Out of Administrative Control: How Absentee Owners and Resident Elk Have Shifted the Terrain of Wildlife Management in Southwest Montana*

3:40 Mark Haggerty, Sonoran Institute, *The Changing Face of Ranching and Conservation in Madison County, Montana*

4:00 Hannah Gosnell, University of Colorado - Boulder, *Land use practices of new ranchland owners in Southeast Arizona and the Greater Yellowstone Ecosystem*

Discussant(s): Paul Robbins, University of Arizona

3541. Burning Down the House: Wildfire Hazards, GIS & Remote Sensing (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)

Room: *Denver* (Paper Session)

ORGANIZER(S): Rutherford V. Platt, Gettysburg College; Tom Cova, University of Utah

CHAIR(S): Rutherford V. Platt, Gettysburg College

3:00 Mary C. Henry, Miami University, *Mapping Wildfires in Ocala National Forest, Florida using Landsat TM and ETM+ Data*

3:20 Philip E. Dennison, University of Utah, *Deriving High-Resolution Fire Parameters from Hyperspectral Remote Sensing Data for Wildfire Modeling*

3:40 Tom Cova, University of Utah, *Setting wildfire evacuation trigger-points with fire-spread modeling and GIS*

4:00 Rutherford V. Platt, Gettysburg College, *Modeling the Compatibility of Wildfire Mitigation and Ecological Restoration in the Wildland-Urban Interface*

4:20 David M. Theobald, Colorado State University, *Wildland-urban interface dynamics in the western US from 1970 to 2030*

3543. Caribbean Critical Cultural Geographies: Tourists, Travellers and Refugees (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group, Latin America Specialty Group)

Room: Beverly (Paper Session)

ORGANIZER(S): Susan P. Mains, University of the West Indies-Mona

CHAIR(S): Susan P. Mains, University of the West Indies-Mona

3:00 Margaret Timothy-Burgess, *Managing Heritage: Tourism, Community, and Identity in Lopinot, Trinidad*

3:20 Susan Stewart, *Pirates of the Caribbean: Redeveloping a Cultural Heritage in Port Royal, Jamaica*

3:40 Stacie-Ann Berry, *Promoting Community: Tourism and the Calabash Festival in Treasure Beach, Jamaica*

4:00 Tracey Elcock, *Music and Cultural Identity: The Place of Rapso Music in Trinidad and Tobago*

4:20 Peter Kelly, *(Re)Producing Haiti: Lefebvre, News and Images of Refugees in Jamaica*

3544. Coastal and Marine II

Room: Biltmore (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joan M. Welch, West Chester University

3:00 Robert Sirk, Austin Peay State University, *Lake Worth Inlet as a Factor in the Environment and Development of Lake Worth Lagoon*

3:20 Stefanie Egan, *Public Participation GIS for Biosphere Reserve Zone Designation in Turneffe Atoll, Belize*

3:40 Chona E. Sister, University of Southern California, *Impacts of Land Use on Reef Health*

4:00 Joan M. Welch, West Chester University, *Beach Profile Area: Traditional Survey Methods versus LIDAR*

3546. Changing Economic Geography of Developing Countries IV: Technology and Innovation II (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: Columbine (Paper Session)

ORGANIZER(S): Yifei Sun, California State University; Yehua Dennis Wei, University of Wisconsin

CHAIR(S): Dr. Susan M. Walcott, Georgia State University

3:00 Ms. Melanie Feakins, *Incipiently Global: Offshore Outsourcing in Russia*

3:20 Mr. Chia-Ho Ching, *Trans-border Production Network and Technology Learning: the case of Taiwanese and Chinese Software Industry*

3:40 Jun Zhang, University of Minnesota, *Venture capital, stock market and the uneven spatial development of Internet industry in China*

4:00 Becky P.Y. Loo, University Of Hong Kong, *The Spatial Patterns of Internet Consumption and Production in China*

4:20 Dr. Susan M. Walcott, Georgia State University, *The Tail of the Dragon: Developing Western China through High Tech Clusters*

3547. Locating, Understanding, and Analyzing Attributes of Sacred Space and Sacred Places (Sponsored by Bible Geography Specialty Group)*Room: Terrace* (Paper Session)

ORGANIZER(S): William A. Dando, Indiana State University

CHAIR(S): William A. Dando, Indiana State University

3:00 Gimpel Wajntraub, Israeli Map Collectors Society, *Moses and the Ten Commandments on Holy Land Maps***3:20** Eva Wajntraub, Israeli Map Collectors Society, *Animals of the Bible on Holy Land maps***3:40** Gordon R. Lewthwaite, California State University, *Classical Asia Minor***4:00** Michael Grunzweig, *Teaching The Land of Israel in the Land of the Bible*

Discussant(s): Jeanne Kay Guelke, University of Waterloo

3548. Hyperspectral and LIDAR Remote Sensing (Sponsored by Remote Sensing Specialty Group)*Room: Savoy* (Paper Session)

ORGANIZER(S): George Thomas Raber, University of Southern Mississippi

CHAIR(S): George Thomas Raber, University of Southern Mississippi

3:00 George Thomas Raber, University of Southern Mississippi, *DEM Accuracy and Flood Plain Mapping as a Function of Initial Nominal Post Density Spacing in Lidar Data Collection***3:20** Ms. Amy Neuenschwander, *Canopy Mapping using Airborne LIDAR***3:40** Teresa Howard, U of TX Center for Space Research, *Remote sensing in support of habitat modeling for the Leon River Restoration Project***4:00** Dr. Timothy Warner, West Virginia University, *Hyperspherical Direction Cosine Change Vector Analysis***4:20** Mr. Xianfeng Chen, West Virginia University, *Integrating hyperspectral AVIRIS data and multispectral thermal infrared MASTER data for geologic mapping in Cuprite, Nevada***3549. The State of Geography Departments in North America 1***Room: Majestic Ballroom* (Panel Session)

ORGANIZER(S): Chris Mayda, Eastern Michigan University

CHAIR(S): Chris Mayda, Eastern Michigan University

Introduction: Chris Mayda, Eastern Michigan University

Panelists: J. Matthew Shumway, Brigham Young University; Jefferson S. Rogers, University of Tennessee at Martin; Craig Colten, Louisiana State University; James W. Harrington, Jr., University of Washington; Prof. Terry Sharik, Utah State University; Dallas D. Rhodes, Georgia Southern University; Rosann Poltrone, Arapahoe Community College; Diane Stehman, Northeastern Illinois University; Robert J. Rogerson, University Of Lethbridge

3550. Art and Place

Room: *Vail* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gary J. Hausladen, Univ of Nevada

3:00 Judith Rice-Jones, *Art and Place: Van Briggles and Colorado Springs*

3:20 James A. Ketchum, Syracuse University, *The Bureau d'études, Social Protest and the Space of Critique*

3:40 Michael Crutcher, University of Kentucky, *Public Housing to Public Art: Reassessing Lexington Kentucky's Dynamic Doors project*

4:00 Zia Salim, *Painting a Place: the Murals of Los Angeles*

4:20 Gary J. Hausladen, Univ of Nevada, *Taller Than It's Wide: San Francisco as the Perfect Place for Murder*

3551. Water Resources and Hydrology

Room: *Tower Exhibit Area* (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

Erick Stemmerman, *Hydropolitical Resilience and Insularity in the Caribbean*

Mahesh Rao, Oklahoma State University, *Groundwater Impact due to the Conservation Reserve Program (CRP) in Texas County, Oklahoma*

Laura E. Christianson, Oklahoma State University, *Satellite Comparison for Riparian Corridor Analysis*

William Bass, Texas State University- San Marcos, *A "Rain Information System" for Modeling NCDC Historical Precipitation in South-Central Texas*

Priscilla Eddy, Oklahoma State University, *The Fractional Water Index versus the Crop Moisture Index*

Dr. Michael M. Benedetti, University Of North Carolina - Wilmington, *Physical and mineralogical characteristics of floodplain sediments in the Cape Fear River basin, North Carolina*

Jeffrey D. Colby, Appalachian State University, *Modeling Flooding Extent in the Coastal Plains and Mountains of North Carolina*

Ms. Kimberly Meitzen, University of South Carolina at Columbia, *Planform Channel Changes on the Congaree River, South Carolina, 1820-2001*

Amanda Keen-Zebert, Texas State University, *The spatial distribution of sediment in two mixed alluvial bedrock rivers in central Texas*

Megan McCusker, University of Connecticut, *Downstream effects of low-head dams on river morphology in Connecticut*

Douglas J. Faulkner, University of Wisconsin-Eau Claire, *Changing Hydrography in the Tiffany Bottoms of West-Central Wisconsin*

Belby Colin, *An Investigation of Historical Floodplain Sedimentation Processes and Variability, Pool 11, Upper Mississippi River*

Franklin T. Heitmuller, University Of Texas at Austin, *A Spatial Appraisal of Highway Damage at Stream Crossings as a Result of Extreme Bedload Transport During Floods in the Edwards Plateau, Texas*

Jillian Aldrin, University of Texas-Austin, *Spatial variability in recent flood deposits along the lower Guadalupe River, Texas.*

- William H. Renwick, Miami University, *Trends in nutrient and sediment concentrations in runoff from an agricultural watershed: results from a 9-year study.*
- Sarah Lynn Knabel, *Integration of CAD and GIS: Modeled Changes in Pervious/Impervious Surfaces and the Affects on Surface Runoff at the University of Wisconsin-Eau Claire*
- ChangHwan Kim, Kangwon National Univ., *A Study on the Development of a GIS-based Flood Alert System*
- Suresh Muthukrishnan, Earth and Environmental Sciences, Furman University, Greenville, SC 29613, *Influence of stream channel morphology, hydrology, and landuse conditions on the nitrate concentration in urban stream system*
- Kristel Fesler, *Flood Disturbance effects on Wetland Location*
- Stacy Burdette, *Effects of Decreased Water Flow on Musselbeds in the Kiamichi River*
- Ms. Jeannie Hedrick, *Dust Potential of Aeolian Deposited Sediments in Desert Southwest Fans as a Function of Topography*
- Ronald Miller, *Baseline Water Quality Study of the Upper Wilson Creek-Jordan Creek Watershed, Springfield MO*
- Johan Liebens, University Of West Florida, *Origin and distribution of pollutants in an urban bayou*
- BERTIN YAO KOUADIO, UIUC-Department of Geography, *A GIS-based analysis of the overflowing of Lake Kossou in Cote d'Ivoire*
- Peggy Hauselt, Univ of California Davis, *Estimating Water Usage in Sacramento Valley Rice Cultivation*
- Paul Anderson, Oregon State University Press, *The debris flow generating and transmission properties of stream networks*
- Robert M. Hordon, Rutgers University, *Water Use Trends in the United States: 1950-2000*
- Katie Hirschboeck, University Of Arizona, *Collaboration between Water Managers and Tree-Ring Researchers to Evaluate Long-term Extreme Streamflow Episodes in the Salt-Verde and Upper Colorado River Basins*

5:00 p.m. - 6:40 p.m.**3601. Political Geographies of Mobility: Place, Race and Belonging II (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)***Room: Plaza Court 1 (Paper Session)*

ORGANIZER(S): Nancy A. Hiemstra, University of Oregon; Lise Nelson, University of Oregon

CHAIR(S): Nancy A. Hiemstra, University of Oregon

5:00 Mona Atia, University of Washington, *The 'war on terrorism finance' and the surveillance of Muslim money*

5:20 Eric Boschmann, Ohio State University, *Homeland Insecurity: American Muslims and Arab-Americans in the Post-9/11 Era*

5:40 Laura Y. Liu, New School University, *Spatial Strategies of Immigrant Organizing: Workers Centers as Sites of Differential Space*

6:00 Daniel Trudeau, University of Colorado, *Immigration and the Construction of American Citizenship in the Shadow State: evidence from Minneapolis- St. Paul*

Discussant(s): Patricia Ehrkamp, Miami University Of Ohio

3602. Experiences and Lessons in GIS Education - II (Sponsored by Geographic Information Science and Systems Specialty Group, Community College Affinity Group, Geography Education Specialty Group)

Room: Plaza Court 2 (Paper Session)

ORGANIZER(S): Ming-Hsiang (Ming) Tsou, San Diego State University; Ann Johnson, ESRI, INC

CHAIR(S): Ann Johnson, ESRI, INC

5:00 James R. Carter, Illinois State University, *Prerequisites for the Study of GIS by Geography Students*

5:20 Patricia L. Drews, Northwest Missouri State University, *Curriculum and Support for an Online GIScience Program*

5:40 Gregory Haddock, Northwest Missouri State University, *Use of course development software for GIS program management*

6:00 Julie Smith, Portland State University, *Evaluating student gains from a GIS inquiry based curriculum*

6:20 Ann Johnson, ESRI, INC, *Developing and Expanding GIS Programs at K-12, Community Colleges and Universities NSF GIS Tech Preliminary*

3603. Global Production Networks, Logistics and Transport (Part II) (Sponsored by Economic Geography Specialty Group, Transportation Geography Specialty Group)

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Jean-Paul Rodrigue, Hofstra University; Markus Hesse

CHAIR(S): Martin H. Hess, University Of Manchester

5:00 Barton E. Cramer, University of Iowa, *Deregulation, Globalization, and Rail Firm Strategies: Union Pacific and Burlington Northern Santa Fe Compete for Asian Container Traffic*

5:20 Mr. JungYoon Lee, *The Development of the Korean-China Manufacturing Supply Chain and its Effects on the Regional Logistic Flows in Northeast Asia*

5:40 Jean-Francois Cappuccilli, University Of Montreal, *Prospects for Short-Sea Shipping in the Baltic Sea in Light of Expected Spatial Shifts in Production Networks in the EU*

6:00 Mr. Eric Lambourdiere, *The Free-Trade Area of the Americas: How the lack of logistics infrastructures and perspective could ruin the project.*

6:10 Jerome Verny, INRETS, *The Free-Trade Area of the Americas: How the lack of logistics infrastructures and perspective could ruin the project.*

6:20 Mr. Chris Simenson, Deere and Company, *The John Deere CERES Program: The Decision to Locate Assembly of a German Tractor in Waterloo, Iowa*

- 3604. The Silent Third: Service Responsibilities and Academic Obligations (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)**
Room: *Plaza Court 4 (Panel Session)*
 ORGANIZER(S): Vincent J. Del Casino, Jr, California State University, Long Beach; Susan M. Roberts, University Of Kentucky
 CHAIR(S): Vincent J. Del Casino, Jr, California State University, Long Beach
 Panelists: Susan M. Roberts, University Of Kentucky; Vincent J. Del Casino, Jr, California State University, Long Beach; Fernando J. Bosco, San Diego State University; Kavita Pandit, University Of Georgia
- 3605. Rural and Small Town Transitions in North America III: The Changing Urban Periphery (Sponsored by Rural Geography Specialty Group, Population Specialty Group)**
Room: *Plaza Court 5 (Paper Session)*
 ORGANIZER(S): John Cromartie, USDA; Peter B. Nelson, Middlebury College
 CHAIR(S): Alexander C. Vias, University Of Connecticut
5:00 John Cromartie, USDA, *Urban Sprawl and Rural Economic Transformation in the Southern U.S.*
5:20 Hugh J. Gayler, Brock University, *Greenbelts, urban containment, and the preserving of agricultural land: policy changes and conflicts in Ontario, Canada*
5:40 Martha A. Works, Portland State University, *Agriculture on the Edge: How Urbanization Affects Rural Landscapes Around Portland, Oregon*
6:00 Mr. Andrew Riely, *Organic Farming in Minnesota and Wisconsin*
6:20 Tamara Ubben, *Forested landscapes and how we see ourselves: the influence of place in self-concepts*
- 3606. Women Advancing Geographic Research (Sponsored by Geographic Perspectives on Women Specialty Group, Committee on the Status of Women in Geography)**
Room: *Plaza Court 6 (Panel Session)*
 ORGANIZER(S): Sharmistha Bagchi-Sen, SUNY-Buffalo; Mei-Po Kwan, Ohio State University
 CHAIR(S): Mei-Po Kwan, Ohio State University
 Panelists: Susan L. Cutter, University Of South Carolina; Nina Lam, Louisiana State University; Sara McLafferty, University of Illinois; Donna J. Peuquet, Pennsylvania State University; Catherine Souch, Indiana University; Dawn J. Wright, Oregon State University; Marilyn Raphael, University of California; Julie Winkler, Michigan State University

3607. Ethics and Philosophy in Ethnic Geography Research (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Plaza Court 7 (Panel Session)

ORGANIZER(S): Carlos Teixeira, Okanagan University College; Lawrence E. Estaville, Jr, Texas State University - San Marcos

CHAIR(S): Lawrence E. Estaville, Jr, Texas State University - San Marcos

Panelists: Heike Alberts, University of Wisconsin-Oshkosh; James P. Allen, California State University, Northridge; Lawrence D. Berg, Okanagan University College; Stavros T. Constantinou, Ohio State University; Lawrence E. Estaville, Jr, Texas State University - San Marcos; Susan Hume, University of Oregon; Margaret A. Knox; Ira M. Sheskin, University of Miami; Emily H. Skop, The University Of Texas at Austin; Stephen R. Koletty, University Of Southern California; Qingfang Wang, University Of Georgia

3608. Dendrogeomorphology (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group)

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State University

CHAIR(S): James H. Speer, Indiana State University

5:00 Malcolm K. Cleaveland, University Of Arkansas, *Tree-Ring Evidence for Epicenters of the 1811-1812 New Madrid Earthquakes*

5:20 Ms. Ellen Winters, *Use of Salix babylonica for Dendrogeomorphological Study in the Karoo, South Africa*

5:40 Michael Pisaric, Carleton University, *Assessing changing climatic and permafrost conditions using dendrochronological techniques, Mackenzie Delta, Northwest Territories, Canada.*

6:00 Steven V. Kokelj, Department of Indian Affairs and Northern Development Canada, *Tree tilt and root systems of old growth spruce trees in polygonal terrain, Mackenzie Delta, Northwest Territories, Canada.*

6:20 Mr. Bertrand Moulin, *Test of dendro-ecological methods to identify woody debris origin at the catchment scale: the Isère River (France)*

3609. Energy Development and Society (Sponsored by Political Geography Specialty Group, Energy and Environment Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Governor's Square 9 (Paper Session)

ORGANIZER(S): Shannon O'Lear, University Of Kansas- Geography Department

CHAIR(S): Shannon O'Lear, University Of Kansas- Geography Department

5:00 Pr Kolson Lee Schlosser, Penn State University, *U.S. National Security Discourse and the Political Construction of the Arctic National Wildlife Refuge Debate*

5:20 Rolf Sternberg, Montclair State University, *Hydroelectricity in the Context of Political, Social, Environmental and Economic Dimensions*

- 5:40** Shannon O'Lear, University Of Kansas- Geography Department, *Public Perception of Oil, Natural Resources and Political Activity in Azerbaijan*
6:00 Mr. Wilson Rickerson, *Renewable Energy Development in Southeastern Europe: A Case Study of Albania*
 Discussant(s): Scott Jiusto, Worcester Polytechnic Institute

3610. Political Geography Specialty Group/Elsevier Science Annual Plenary Lecture (Sponsored by Political Geography Specialty Group)

- Room:* Governor's Square 10 (Paper Session)
 ORGANIZER(S): John V. O'Loughlin, University of Colorado
 CHAIR(S): John V. O'Loughlin, University of Colorado
 Introduction: John V. O'Loughlin, University of Colorado
5:10 Neil Smith, City University Of New York, *The Endgame of Globalization*
 Discussant(s): Amy Freeman; Robert Schulzinger, University of Colorado-Boulder; Edward Greenberg, University of Colorado - Boulder

3611. Science, Culture and the Making of Modern Food (Sponsored by Historical Geography Specialty Group)

- Room:* Governor's Square 11 (Paper Session)
 ORGANIZER(S): Susanne E. Freidberg, Dartmouth College; Aaron Bobrow-Strain, Whitman College
 CHAIR(S): Susanne E. Freidberg, Dartmouth College
5:00 Aaron Bobrow-Strain, Whitman College, *Since Sliced Bread: Science, Anxiety, and the Invention of White Bread*
5:20 Susanne E. Freidberg, Dartmouth College, *Fresh: A Perishable History*
5:40 Brian Page, University of Colorado at Denver and Health Sciences Center, *When Pigs Fly and other Tales From the Iconography of Slaughter*
 Discussant(s): Michael Heffernan, University of Nottingham

3612. Session III in Honor of Donald R. Currey: Lacustrine Geomorphology and Chronology (Sponsored by Geomorphology Specialty Group, Coastal and Marine Specialty Group)

- Room:* Governor's Square 12 (Paper Session)
 ORGANIZER(S): Dorothy Sack, Ohio University; James F. Petersen, Texas State University - San Marcos
 CHAIR(S): James F. Petersen, Texas State University - San Marcos
5:00 Harry M. Jol, University Of Wisconsin, Eau Claire, *Ground Penetrating Radar of Large Lake Basins or Looking Inside Coastal Deposits: A Tribute to Donald R. Currey*
5:20 Ms. Molly Hanson, University of Utah, *Pleistocene-Holocene Transition in the Greater Owens River System and Other Endorheic Subbasins of the Great Basin, Western USA: Paleohydrologic Patterns*
5:40 Shizuo Nishizawa, *Abrupt climate change records of the Pleistocene-Holocene transition in the Bonneville basin, western USA*
6:00 Brad Thein, University of Utah, *Evidence for Holocene Fluctuations of Great Salt Lake in Exposures along the Malad River, Utah*

3614. Cartographic and GIS Design for Education

Room: *Governor's Square 14* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stefan Palko, Canada Center for Remote Sensing

5:00 Meredith Marsh, *Geospatial Concept Recognition by K-6 Students*

5:20 Reginald G. Golledge, University Of California, Santa Barbara, *Some Thoughts About a Minimal GIS Based on K-12 Geoconcept Recognition*

5:40 Brent Hecht, *New GIS Application for Non-Profits, K-12 Schools, and Personal Use*

6:00 Werner Udo Schade, Padagogische Hochschule, *Map Design for Children*

6:20 Stefan Palko, Canada Center for Remote Sensing, *The Atlas of Canada Linked with a Premier Textbook*

3615. Antipode Lecture: Spaces of Exception in a Liberal City

Room: *Governor's Square 15* (Panel Session)

ORGANIZER(S): Don Mitchell, Syracuse University

CHAIR(S): Don Mitchell, Syracuse University

Panelists: Geraldine J. Pratt, University Of British Columbia

3616. Climate & Health III (Sponsored by Medical Geography Specialty Group, Climate Specialty Group)

Room: *Governor's Square 16* (Paper Session)

ORGANIZER(S): Andrew C. Comrie, University of Arizona

CHAIR(S): Korine Kolivras, Virginia Tech

5:00 Jill S. M. Coleman, Ohio State University, *The relationship between atmospheric circulation types and human mortality in the central U.S.*

5:20 Mr. Adam J Kalkstein, Arizona State University, *The Impact of Oppressive Weather Conditions on Minority Mortality in Phoenix*

5:40 Mary Hayden, University of Colorado, *West Nile Virus and the Environment: The Humans in Human Ecology*

6:00 Thomas Lambert, University Of New Hampshire, *The Relationship Between Lung Function and Air Quality During the Summer 2004 in New England*

Discussant(s): Korine Kolivras, Virginia Tech

3617. Surface Processes

Room: *Governor's Square 17* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert V. Rohli, Louisiana State University

5:00 Salahuddin Jaber, *Monitoring Spatial and Temporal Soil Organic Carbon Changes Using remote Sensing and Geographic Information Systems*

5:20 Shunlin Liang, University Of Maryland, *Data assimilation approach for improving estimation of land surface variables from satellite observations*

5:40 J.M. Shawn Hutchinson, Department of Geography, Kansas State University, *Evaluation of Overland Flow Paths Generated from Multiresolution Digital Elevation Models*

6:00 Lan Mu, University Of Illinois, *From Zipfs Law to Hypsometry: Elevation Distribution of Inland Water Basins*

6:20 Robert V. Rohli, Louisiana State University, *Applicability of the Equilibrium Evaporation Assumption for Estimating Evapotranspiration Rates in an Agricultural Field in Baton Rouge, Louisiana, USA*

3618. AAG Healthy Departments Panel Discussion

Room: Plaza Ballroom A (Panel Session)

ORGANIZER(S): Victoria A. Lawson, University Of Washington

CHAIR(S): Victoria A. Lawson, University Of Washington

Panelists: Richard A. Marston, Oklahoma State University; Sarah Witham Bednarz, Texas A&M University; Alexander B. Murphy, University of Oregon; Victoria A. Lawson, University Of Washington; Michael N. Solem, Association Of American Geographers; Marie D. Price, George Washington University; John S. Adams, University Of Minnesota - Minneapolis

3619. GIS Specialty Group Student Paper Competition (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Sara Irina Fabrikant, University Of California - Santa Barbara

CHAIR(S): Sara Irina Fabrikant, University Of California - Santa Barbara

5:00 Hongbo Yu, University Of Tennessee, Knoxville, *Exploring Potential Human Activities in Physical and Virtual Spaces: A Spatio-temporal GIS Approach*

5:20 Xiang Li, *A novel method of indexing trajectory data of objects moving in a network*

5:40 Julie Dillemoth, *Cartography for Mobile GIS*

6:00 Jianyu Zhou, *Map Matching of GPS-traced Travel Data in GIS Environment: A Travel/Transportation Study Perspective*

6:20 Naijun Zhou, *Mereotopology for Geospatial Semantic Integration*

3620. Outdoor Recreation, Sports & Gambling: Trends and Issues

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Scott C. Roper, West Texas A&M University

5:00 Zina R. Merkin, University of Kentucky, *Rivers of Information: American Whitewater Website*

5:20 Dennis Brown, U.S. Dept. Of Agriculture, *How Does Recreation Activity Affect Rural Communities?*

5:40 William V. Ackerman, Ohio State University, *Deadwood 2004: Gambling, Historic Preservation, and Community Revitalization*

6:00 Michael Paluzzi, University of Connecticut, *An Analysis of Professional Stadium and Development and the Media Affects on Tourism*

6:20 Scott C. Roper, West Texas A&M University, *Labor Relations and Baseball-Stadium Construction in an American Factory-City*

3622. Watersheds*Room: Plaza Ballroom E (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Douglas R. Clark, US Bureau Of Reclamation

5:00 Zhi-Jun Liu, UNC at Greensboro, *A Simple Modular Watershed Model and its Application in the Patuxent River Watershed***5:20** Edwin Chow, University of South Carolina, *Watershed and Rainfall-runoff modeling using GIS***5:40** Andrew Foy, *Measuring Arc Hydros Accuracy for Mapping Small Watersheds and Determining the Best Method***6:00** Janet H. Gritzner, South Dakota State University, *Determinants of Perennial Stream Flow: Concepts, Definitions, and Models***6:20** Douglas R. Clark, US Bureau Of Reclamation, *Identifying Watersheds at Risk for Supply Deficit in the Western United States***3623. American Region and Place***Room: Plaza Ballroom F (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Larry Scott Deaner, Kansas State University

5:00 Bruce L. Bigelow, Butler University, *Pennsylvania Germans in Antebellum and Civil War Indiana***5:20** Darrell Kruger, Illinois State University, *The Sight and Soul of Nauvoo***5:40** Roger Ricondo, *A Historical Analysis of Missouri Cultural Regions***6:00** Leah D. Manos, Northwest Missouri State University, *Defining Missouri Cultural Regions Through an Examination of Election Results***6:20** Larry Scott Deaner, Kansas State University, *A Legacy of The Free State of McDowell: African-American Power and Persistence in Keystone, West Virginia***3624. Creating and Contesting Rural Identities in North America (Sponsored by Rural Geography Specialty Group, Cultural Geography Specialty Group)***Room: Director's Row E (Paper Session)*

ORGANIZER(S): Blake Harrison, Yale University

CHAIR(S): Blake Harrison, Yale University

5:00 Blake Harrison, Yale University, *Green Consumerism and the Proposed Maine Woods National Park***5:20** Mary E. Curran, Eastern Connecticut State University, *Environmental and identity politics of hog farming in Kentucky***5:40** Matthew Kurtz, University Of Alaska Anchorage, *A Rural Education? Colonialism, a College, and the Spaces of Hegemony in Northwest Alaska, 1979-1983***6:00** Toni A. Alexander, Kansas State University, *Water, Wealth, Contentment, Health?: Perceptions of an Endangered Rural Identity***6:20** Robert M. Vanderbeck, University of Vermont, *Narratives of Race, Rurality and Childhood in Vermont*

3625. Doing Ethnography III: Leaving the Field (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)

Room: Director's Row F (Panel Session)

ORGANIZER(S): Rebecca Sheehan, Louisiana State University; Helen Regis, Louisiana State University

CHAIR(S): Rebecca Sheehan, Louisiana State University

Panelists: Helen Regis, Louisiana State University; Matt McCourt, University of Maine at Farmington; Philip Crang, Royal Holloway, University of London; Dydia DeLyser, Louisiana State University; Kathleen O'Reilly, University Of Illinois

3627. Cartographic Modeling

Room: Director's Row H (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Melissa Lanclos, Missouri Resource Assessment Partnership

5:00 Aileen R. Buckley, ESRI Incorporated, *A GIS Data Model for Base Maps*

5:20 Lauren Scott, ESRI, *Determining Map Insets and Map Scale with Spatial Autocorrelation Statistics*

5:40 Monica Digialleonardo, US Census Bureau, *Challenges in Cartographic Design: Mapping Coincident Geographies*

6:00 Ms. Feng Qi, UW-Madison, *A Prototype Theory Based Approach to Knowledge Discovery from Area-Class Resource Maps*

6:20 Ms. Melissa Lanclos, Missouri Resource Assessment Partnership, *A GIS Representation of Archaeological Surveys and Sites Within the State of Missouri*

3630. Postcolonialism and Development: New Dialogues? 2

Room: Tower Court A (Panel Session)

ORGANIZER(S): Joanne P. Sharp, University of Glasgow; John Briggs, University of Glasgow

CHAIR(S): John Briggs, University of Glasgow

Introduction: John Briggs, University of Glasgow

Discussant(s): James Derrick Sidaway, National University Of Singapore; Jennifer Robinson, Open University

Panelist: Christine Sylvester

3631. Economic Geography of Tourism: State of the Heart (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Tower Court B (Panel Session)

ORGANIZER(S): Dimitri Ioannides, Southwest Missouri State University

CHAIR(S): Dimitri Ioannides, Southwest Missouri State University

Panelists: Dimitri Ioannides, Southwest Missouri State University; Deborah L. Che, Western Michigan University; Lorri K. Krebs, Salem State College; Jan Mosedale, University of Exeter; Barbara Carmichael, Wilfrid Laurier; Keith Debbage, University of North Carolina - Greensboro; Friedrich M. Zimmermann, University of Graz

3632. Geoarchaeology and Geomorphology IV: Soils, Sediments, and North America (Sponsored by Cultural and Political Ecology Specialty Group, Geomorphology Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Timothy Beach, Georgetown University; William I. Woods, University of Kansas

CHAIR(S): Sheryl Luzzadder-Beach, George Mason University

5:00 J. Michael Daniels, University Of Wyoming, *Landscape evolution and paleoenvironmental reconstruction associated with the Barger Gulch Locality B Folsom Site, Middle Park, Colorado*

5:20 Dorothy E. Freidel, Sonoma State University, *Along the shores of Winter Lake: People and Paleoenvironment of Pleistocene-Holocene Transition Near Paisley, South-Central Oregon*

5:40 Sarah Buss, Appalachian State University, *Geoarchaeological Investigations at the Atkinson Site, Glacial Lake Hind Basin, Southwestern Manitoba, Canada*

Discussant(s): William E. Doolittle, University of Texas

3633. Health, Environment and Society

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Charles E. Button, Central Connecticut State University

5:00 Charles E. Button, Central Connecticut State University, *Relationships Between Soil Lead Contamination at Child Day Care Facilities and Race/Ethnicity*

5:05 Matthew Biddle, University Of Oklahoma, *The Potential Value and Utility of Probability-Based Tornado Warnings*

5:10 Asia Addlesberger, San Diego State University, *The Affinity of Aedes Aegypti for Oviposition in Tires in Iquitos, Peru*

5:15 Ms. Dianna Smith, University of Leeds, *Potential Health Implications of Retail Food Access*

5:20 Doug Gevert, U.S. Census Bureau, *Experimenting with School Attendance Area Free Lunch Estimates*

5:25 Mr. Kelly Vanderbrink, *Presenting carbon sequestration information to shareholders through dynamic representation methods*

3634. 3636. The Crown of the Continent Ecosystem: New Insights from Recent Research II (Sponsored by Cryosphere Specialty Group, Mountain Geography Specialty Group)

Room: Colorado (Paper Session)

ORGANIZER(S): Ulrich Kamp, DePaul University; David R. Butler, Texas State University - San Marcos

CHAIR(S): David R. Butler, Texas State University - San Marcos

5:00 David R. Butler, Texas State University - San Marcos, *Active Frost Processes and Fine-Scale Polygonal Patterned Ground on Turf-Banked Terrace Treads, Eastern Glacier National Park, Montana*

- 5:20** Dawna L. Cerney, Texas State University - San Marcos, *Digital Image Processing of Repeat Photographs: A Case Study from Glacier National Park, Montana*
- 5:40** Mr. Blase Reardon, US Geological Survey, "Rain last night and hell this morning:" *Patterns of Large Magnitude Natural Avalanches in Glacier National Park, U.S.A.*
- 6:00** Carol F. Sawyer, Texas State Department of Geography, *Snow-avalanches in southern Glacier National Park, Montana: revisiting a historical account using newspaper reports*
- 6:20** Daniel J. Weiss, L, *A Multivariate Analysis of Turf-Bank Terraces in Glacier National Park Montana, USA*

3637. Reconstructing Mountain Ecosystem Functioning under Climate and Land Use Changes (Sponsored by Climate Specialty Group, Cryosphere Specialty Group, Mountain Geography Specialty Group)

Room: Silver (Paper Session)

ORGANIZER(S): Joerg Loeffler, University of Bonn

CHAIR(S): Joerg Loeffler, University of Bonn

5:00 Annette Baer, *Reconstruction of spatio-temporal changes in high mountain ecosystems using a combined dendro-ecologic and microenvironmental approach*

5:20 Joerg Loeffler, University of Bonn, *Landscape Changes under Grazing Pressure in the Norwegian Mountains*

5:40 Kerstin Potthoff, *Changes in grazing and vegetation in a mountain summer farming landscape in Western Norway*

6:00 Sebastian Eiter, *Land cover and land use in the Norwegian mountains: How to relate material and non-material landscape diversity?*

6:20 Mr. Ole Røßler, *50 Year of Treeline Development in Central Norway with Focus on the Effects of Climate and Land Use Change*

3638. Fleming Lecture in Transportation Geography (Sponsored by Transportation Geography Specialty Group)

Room: Gold (Paper Session)

ORGANIZER(S): Richard L. Morrill, University Of Washington

CHAIR(S): Richard L. Morrill, University Of Washington

Introduction: Jean-Paul Rodrigue, Hofstra University

5:10 Richard D. Knowles, University Of Salford, *Transport shaping space FLEMING LECTURE IN TRANSPORT GEOGRAPHY*

Discussant(s): Donald Janelle, University of California, Santa Barbara

3639. Geographies of Responsibility III: ESRC/AHRB Cultures of Consumption Programme - Making Markets Care (Sponsored by Ethics, Justice, and Human Rights Specialty Group)

Room: *Century* (Panel Session)

ORGANIZER(S): Michael K Goodman, King's College London; Clive Barnett

CHAIR(S): Clive Barnett

Panelists: Clive Barnett; Nick Clarke, University Of Bristol; Rosie Cox; Lewis Holloway; Michael Samers, University Of Nottingham; Prof. Susan Smith; Laura Venn; Neil Ward, University of Newcastle

3640. Conservation and private lands in the New West III: Exurbia and planning (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: *Spruce* (Paper Session)

ORGANIZER(S): Eric Compas, University of Wisconsin-Madison

CHAIR(S): Eric Compas, University of Wisconsin-Madison

5:00 Robert Kuhlken, Central Washington University, *Shootout at the Neotraditional Corral: New Urbanism in the New West*

5:20 Patrick T. Hurley, Dartmouth College, *P(l)anning for Real Estate Gold? The Politics of Conservation and Development in the Sierra Nevada*

5:40 Eric Compas, University of Wisconsin-Madison, *Subdivide and save? Ecological science and private land planning in the greater Yellowstone*

Discussant(s): Mark Haggerty, Sonoran Institute

3641. Landscape Pathology (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Remote Sensing Specialty Group)

Room: *Denver* (Paper Session)

ORGANIZER(S): Maggi Kelly, University of California; Peter Weisberg, University of Nevada Reno

CHAIR(S): Maggi Kelly, University of California

5:00 Peter Weisberg, University of Nevada Reno, *Landscape pathology: current research and future challenges*

5:15 Doug Goodin, Kansas State, *Landcover and Landscape Properties Associated with Hantavirus Occurrence in Paraguay*

5:30 Nate Currit, Central Washington University, *Simultaneous visualization of phylogenetic and geographic distances to understand fungal pathogen spread*

5:45 Maggi Kelly, University of California, *Forest gap dynamics in a hardwood forest affected by a new invasive forest disease*

6:00 Max A. Moritz, University of California, *Examining the strength and possible causes of the relationship between fire history and Sudden Oak Death*

3643. Ecotourism*Room: Beverly (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Maharaj Vijay Reddy, University Of Exeter, UK.

5:00 J Ritterbeck, University of California Santa Barbara, *Ecotourism Development, Sustainable Communities and Empowering Local Decision Makers in the Rural Periphery of Costa Rica***5:20** Julie Weinert, The Ohio State University, *The gender of management and the management of gender: Ecotourism in Ecuador***5:40** Mr. Ramiro Campos, *Landscapes as Commodities: tourism promotion and spectacle production in Cusco, Peru***6:00** Sarah Schwartz, University of South Carolina, *Ghana's ecotourism industry: do definitions matter?***6:20** Maharaj Vijay Reddy, University Of Exeter, UK., *Indicators for Sustainable Ecotourism Development in the Andaman & Nicobar Islands, India: Data Analysis.***3644. Coastal and Marine III***Room: Biltmore (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Dr. John C. Rodgers, III, Mississippi State University

5:00 Darlene Occena-Gutierrez, *Characteristics of disastrous tropical cyclones in the Philippines***5:20** Ms. Natalie Amanda Vines, *Hydroclimatic and circulation anomalies associated with the Gulf of Mexico Hypoxic Zone***5:40** Jeff Scott Ueland, Ohio University, *Biogeographic patterns and politics in mitigated landscapes***6:00** Kim Diver, Denison University, *Biogeography of Island Flora in the Georgian Bay, Lake Huron, Ontario***6:20** Dr. John C. Rodgers, III, Mississippi State University, *Australian pines and their possible threat to beach erosion on San Salvador Island, The Bahamas.***3646. Changing Economic Geography of Developing Countries V: Cities and Economy in Transitional States (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)***Room: Columbine (Paper Session)*

ORGANIZER(S): Yifei Sun, California State University; Roger C.K. Chan, The University Of Hong Kong

CHAIR(S): Roger C.K. Chan, The University Of Hong Kong

5:00 Piper Gaubatz, University Of Massachusetts, *Globalization, Urban Planning and Development Models, and China's "Go West" Campaign***5:20** Fan Yang, *Economic Tertiarization and Urban Reformation in Globalizing China: the Case of Guangzhou***5:40** Yang Chun, The University of Hong Kong, *The Politics of City-Region Governance in China: A Case of the Proposed Cross-boundary Bridge in the Greater Pearl River Delta*

6:00 Prof. Xiaobin Zhao, University of Hong Kong, *Urbanization Process and Economic Development in the Post-reform China: A Reappraisal*

6:20 Andrew Ryder, University of Portsmouth, *Central-East European Cities After Communism: changes since 1989*

3647. Visions, Physical Manifestations, and Spatial Dynamics of Prophecies (Sponsored by Bible Geography Specialty Group)

Room: Terrace (Panel Session)

ORGANIZER(S): William A. Dando, Indiana State University

CHAIR(S): William A. Dando, Indiana State University

Panelists: Gordon R. Lewthwaite, California State University; Bruce R. Crew, Michigan State University; Harold Brodsky, University of Maryland; Dorothy Drummond, Indiana State University; Eva Wajntraub, Israeli Map Collectors Society

3648. Remote Sensing Techniques (Sponsored by Remote Sensing Specialty Group)

Room: Savoy (Paper Session)

ORGANIZER(S): George Thomas Raber, University of Southern Mississippi

CHAIR(S): Jason Janke, University of Southern Mississippi

5:00 Jingfeng Xiao, *Approaches for quantifying fractional vegetation cover in a semi-arid region from Landsat ETM+ data*

5:20 Robert Andrew Rose, University of Wisconsin, *Changing Farms, Changing Forests: A Multi-scaled Model of Land Cover Change in Northwestern Wisconsin*

5:40 Jason Janke, University of Southern Mississippi, *Measuring rock glacier displacements through photogrammetric and GIS techniques*

6:00 Charles W. Emerson, Western Michigan University, *A Region Quadtree Framework for Content-Based Image Retrieval*

6:20 Christine Garrard, Utah State University, *Web-enabled applications for remotely sensed imagery*

3649. The State of Geography Departments in North America 2

Room: Majestic Ballroom (Panel Session)

ORGANIZER(S): Chris Mayda, Eastern Michigan University

CHAIR(S): Chris Mayda, Eastern Michigan University

Introduction: Chris Mayda, Eastern Michigan University

Panelists: J. Matthew Shumway, Brigham Young University; Jefferson S. Rogers, University of Tennessee at Martin; Craig Colten, Louisiana State University; James W. Harrington, Jr., University of Washington; Prof. Terry Sharik, Utah State University; Dallas D. Rhodes, Georgia Southern University; Rosann Poltrone, Arapahoe Community College; Diane Stehman, Northeastern Illinois University; Robert J. Rogerson, University OfLethbridge

3650. Art/Music*Room: Vail (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Girma Kebede, Mount Holyoke College

5:00 David Pinder, Queen Mary, U Of London, *The heart of a city: practices of urban documentation***5:20** Prof. Emily Brady, Brooklyn College, *Humans and Art in the Land: Power, Conflict, and Harmony***5:40** Olaf Kuhlke, University Of Minnesota - Duluth, *Masochists, Misogynists, and Metal: Fascist Aesthetics and the Social Construction of National Identity in German Popular Music***6:00** Tim Rowe, University of California - Berkeley, *Selling More Than a Song: The Production of George Jones***6:20** Girma Kebede, Mount Holyoke College, *Youth, Music, and the Environment***7:00 p.m. - 8:30 p.m.****AAG Banquet**

(Presidential Achievement Awards presented to Donald Meinig and Alan Voorhees; Aangeenbrug Award presented to Roger Tomlinson)

*Room: Grand Ballroom 1***8:30 p.m. - 10:00 p.m.****Past President's Address: Enhancing Geography's Role in Public Debate***Room: Grand Ballroom 1***Alexander Murphy** will deliver the Past President's Address on "**Enhancing Geography's Role in Public Debate**" following the AAG Annual Meeting Banquet. Introduction by Victoria Lawson, AAG President.

Doors are open to all members at 8:30 p.m. for this address. We invite you to join us and enjoy the event with your colleagues, friends, and family. You may reserve a full banquet table for your department, AAG Specialty Group, students, or friends. Individual tickets are \$55 and tickets for a table (seats ten) are \$530. Tickets can be purchased at the AAG Registration Desk. The Past President's Address at the conclusion of the banquet (at 8:30 p.m.) is open to all attendees at no charge.

8:00 a.m. - 9:40 a.m.

4101. Geography Education—Measuring Student Learning and Performance (Sponsored by Geography Education Specialty Group)

Room: Plaza Court 1 (Paper Session)

ORGANIZER(S): Robert S. Bednarz, Texas A&M University

CHAIR(S): Robert S. Bednarz, Texas A&M University

Introduction: Robert S. Bednarz, Texas A&M University

8:05 Sarah Witham Bednarz, Texas A&M University, *What Students Know and Can Do: Evidence from Texas***8:25** Cary Komoto, UW - Barron County, *Closing the Loop: Lessons Learned from Assessment of Student Learning***8:35** Dr. Karl John Byrand, University of Wisconsin-Sheboygan, *Closing the Loop: Lessons Learned from Assessment of Student Learning***8:45** Jan Smith, Shippensburg University, *Textbook Maps: Designing for Learning***9:05** Gillian Acheson, Southern Illinois University-Edwardsville, *Can we get there from here? An investigation of high school students' mapping abilities.*

Discussant(s): Robert S. Bednarz, Texas A&M University

4102. New Geographies of Political Ecology I: Rethinking Global and Transnational Ecologies (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Plaza Court 2 (Paper Session)

ORGANIZER(S): Gregory Simon, University of Washington; Dawn Day Biehler, University of Wisconsin

CHAIR(S): Dawn Day Biehler, University of Wisconsin

8:00 Lisa Campbell, Duke University, *Reconciling local conservation practice with global discourse: the political ecology of sea turtle conservation***8:20** Mr. Ryan Galt, *Political Ecology, Pesticides, and the Circle of Poison: A Revision of Dominant Thinking about Pesticide Use in Developing Countries***8:40** Pratyusha Basu, University of South Florida, Tampa, *The Nature of Remoteness: Encountering the State through Tribal Communities along India's Narmada River***9:00** Jody Lawrence, Student, *The political ecology of tuberculosis amongst an African refugee and migrant group in Auckland, New Zealand***4103. Hurricanes I: Spatial and Temporal Variability (Sponsored by Climate Specialty Group, Biogeography Specialty Group)**

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State University

CHAIR(S): Kam-Biu Liu, Louisiana State University

8:00 Thomas Jagger, Florida State University, *Is global warming linked to the level of hurricane activity in the Atlantic basin?***8:20** Kevin Law, Ohio State University, *A Statistical Model to Forecast Short-Term Atlantic Hurricane Intensity***8:40** Terry McCloskey, *The ITCZ, The Bermuda High, Tropical Cyclones: Their Relationships over the Holocene***9:00** Emily A Fogarty, Florida State University, *Year to Year Variations in Typhoon Landfalls over China*

- 4104. Integrative Dendrochronology: Theoretical Cross-overs to Other Disciplines (Sponsored by Biogeography Specialty Group)**
Room: Plaza Court 4 (Paper Session)
 ORGANIZER(S): James H. Speer, Indiana State University
 CHAIR(S): James H. Speer, Indiana State University
8:00 James H. Speer, Indiana State University, *Environmental records from dendroecology and their use in archaeology*
8:20 Julia Rauchfuss, University of Minnesota, *Age Dependence of Spiral Grain in White Oaks (*Quercus Alba*) in Southcentral Illinois*
8:40 Henri D. Grissino-Mayer, University of Tennessee, *Forensic Dendroarchaeology and the Strange Case of Abraham Lincoln's Birth-place Log Cabin*
9:00 Lori D. Daniels, University of British Columbia, *Tree-Rings and Ecosystem Management of Coastal Temperate Rainforests in Canada*
9:20 Jim Kernan, West Virginia University, *A Spatial Approach to Reconstructing and Analyzing Paleo-fire Events*
- 4105. Geographies of the Multitude 1 (Sponsored by Socialist and Critical Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**
Room: Plaza Court 5 (Paper Session)
 ORGANIZER(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill; Mark Bonta, Delta State University
 CHAIR(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill
8:00 Jeff Popke, East Carolina University, *Constructing the Multitude: The Subjectivity of the Common and the Ethics of Hospitality*
8:20 Susan Ruddick, University of Toronto, *Autonomia and Competing Visions of the Multitude*
8:40 Pierpaolo Mudu, Università di Roma, *Where is the Multitude Considerations on the Negri's and Hardt's concept and its use in Italy.*
9:00 Mark Bonta, Delta State University, *Deleuze, Al Qaeda, and the Multitude*
9:00 Sebastian Cobarrubias, University Of North Carolina - Chapel Hill, *Critical Cartographies and Global Action*
- 4106. Nature-based Tourism and Recreation (Sponsored by Recreation, Tourism, and Sport Specialty Group)**
Room: Plaza Court 6 (Paper Session)
 ORGANIZER(S): Deborah L. Che, Western Michigan University
 CHAIR(S): Robert L. Janiskee, University of South Carolina
8:00 Robert L. Janiskee, University of South Carolina, *Via Pacis Pannoniae: Greenways, Placemaking, and Trans-Border Cooperation in Serbia and Croatia*
8:20 Dimitri Ioannides, Southwest Missouri State University, *Towards Sustainable Tourism Development in the EU's Insular Areas*
8:40 Mr. David Fornander, *Mt. Whitney: Climbing toward first world eco-tourism*
9:00 Lisle S. Mitchell, University Of South Carolina, *Campground Service Areas: The Great Smoky Mountains*

9:20 Deborah L. Che, Western Michigan University, *State Regulation and Support of Agritourism, Direct Marketing and Promotion of Agriculture: Post-Fordist Practices Within a Dominant, Neo-Fordist Agriculture System*

4107. CSG Student Paper Competition Session 1 (Sponsored by Climate Specialty Group)

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Anthony Vega

CHAIR(S): Anthony Vega

8:00 Eungul Lee, Univ. of Colorado at Boulder, *Recent Trends in the Northeast Asian Summer Monsoon (NEASM) and the Effects of Heat Budget of surrounding Lands and Oceans on NEASM*

8:20 ANDREW AUGUSTINE, Louisiana State University, *Orographic Midlatitude Cyclone Modification: an Appalachian Study*

8:40 Ms. Kalyn Wrona, *Seasonal characteristics of the northern hemisphere circumpolar vortex: 1959-2001*

9:00 Steven Quiring, University of Delaware, *Developing a Real-Time Agricultural Drought Monitoring System for Delaware*

4108. The Possibility of Heterodox GIS I: Research and Investigations (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): Kevin St. Martin, Rutgers University

CHAIR(S): Kevin St. Martin, Rutgers University

8:00 Marie Cieri, Ohio State University, *Irresolvable Geographies*

8:20 Ranu Basu, York University, *Geo-surveillance through the Mapping of 268Test Results: An Ethical Dilemma or Public Policy Solution?*

8:40 Barbara Poore, United States Geological Survey, *The Cyborg History(ies) of GIS*

9:00 John Wing, University of Minnesota, *The discourse of GIS and the potential for heterodoxy*

Discussant(s): Sara McLafferty, University of Illinois

4109. Rural Change and Resource Management in the Great Plains and Western U.S. (Sponsored by Rural Geography Specialty Group)

Room: Governor's Square 9 (Paper Session)

ORGANIZER(S): Lisa Butler Harrington, Kansas State University

CHAIR(S): Darrell E. Napton, USGS Visiting Scientist and South Dakota State University

8:00 Deborah D. Paulson, University of Wyoming, *The role of ecological scale in conflicts over public lands grazing in the Western U.S.*

8:20 Ryan Robert Reker, Kansas State University, *Mapping Conservation Reserve Program Trends in Southwest Kansas Using Geospatial Techniques*

8:40 Mark A. Drummond, United States Geological Survey, *Agriculture, Water, and Land Transformation in the High Plains: Contemporary Processes and Characteristics of Regional Change*

9:00 Mary Dobbs, *Sources of Water Quality Information: How Perception Affects Use*

9:20 Jacob Sowers, *Molding the Mojave: Eras of Settlement and the Creation of a Contemporary Mojave town*

4110. Fluvial Geomorphology I (Sponsored by Geomorphology Specialty Group)*Room: Governor's Square 10 (Paper Session)*

ORGANIZER(S): Michael Slattery, Texas Christian University

CHAIR(S): Michael Slattery, Texas Christian University

8:00 M. A. Lisa Boulton, University Of Tennessee, *Changing Sediment Dynamics in an Adjusting Watershed***8:20** Aldo Alvarez, Texas A&M University, *Response and Recovery of a Humid Tropical Watershed from Hurricane Georges 1998***8:40** Christopher Woltemade, Shippensburg University, *Fluvial geomorphic change in a reconstructed stream channel, south-central Pennsylvania***9:00** Brendan Thomas Yuill, Arizona State University, *Sediment Transport and Channel Evolution in a Low-ordered, Semi-arid Watershed***9:20** Prof. Tongxin Zhu, *Gullying and Piping: A Field Investigation on Their Interaction in a Semi-arid Watershed of the Loess Plateau, China***4111. Wal-Mart's Footprints on Global Economy (Session I)***Room: Governor's Square 11 (Paper Session)*

ORGANIZER(S): Stanley D. Brunn, University of Kentucky

CHAIR(S): Stanley D. Brunn, University of Kentucky

8:00 Thomas O. Graff, University of Arkansas, *Northwest Arkansas: The Home of Wal-Mart.***8:20** Ms. Alecia Brettschneider, *Examining Wal-Mart's Relationships with Local Communities through Investigation of Advertising***8:40** Fred M. Shelley, University of Oklahoma, *Examining Wal-Mart's Relationships with Local Communities through Investigation of Advertising***9:00** Lu Wang, Queen's University, *Consuming Wal-Mart: A Case Study in Shenzhen, China***9:20** Peter J. Hugill, Texas A&M University, *The Geopolitics of Global Business: Wal-Mart and the Wider World.***4112. Industrial Restructure, Diaspora, Retail Commerce, and aged effect of central region in Japan (Sponsored by Asian Geography Specialty Group)***Room: Governor's Square 12 (Paper Session)*

ORGANIZER(S): Unryu Suganuma, Hokuriku Univesity

CHAIR(S): Shawn M. Banasick, Kent State University

8:00 Helmuth Toepfer, University of Bonn, *Some regional effects of the ageing process in Central Japan***8:20** Unryu Suganuma, Hokuriku Univesity, *The Definition of Japanese Diaspora in China***8:40** Dr. Nathalie Marie Cavasin, Waseda University, *The landscape of retail commerce in Japan: how to stop the decline in Taito-ku district in Tokyo?***9:00** Shawn M. Banasick, Kent State University, *Deindustrialization and the Regional Structure of Manufacturing Employment in Japan.*

Discussant(s): Pradyumna P. Karan, University Of Kentucky

- 4114. Geography and the Media: Writing Opinion Pieces for the Print Media**
Room: Governor's Square 14 (Panel Session)
 ORGANIZER(S): Alexander B. Murphy, University of Oregon
 CHAIR(S): Lydia M. Pulsipher, University of Tennessee
 Introduction: Lydia M. Pulsipher, University of Tennessee
 Panelists: Alexander B. Murphy, University of Oregon; David Newman, Ben-Gurion Univ; William G. Moseley, Macalester College; Benjamin Forest, Dartmouth College
- 4115. Geography as Art: Art as Geography 1 (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Governor's Square 15 (Paper Session)
 ORGANIZER(S): Chris Mayda, Eastern Michigan University; Artimus Keiffer, Wittenberg University
 CHAIR(S): Artimus Keiffer, Wittenberg University
8:00 Chris Mayda, Eastern Michigan University, *Balance: Art and Science in geography*
8:20 Stephen S. Young, Salem State, *The Art of Science: How Geographers Study the Earth from Space*
8:40 Sara Beth Keough, University of Tennessee, *Constructing a Canadian National Identity: Conceptual Explorations and Examples in Newfoundland Music*
9:00 Nancy B. Hultquist, Central Washington University, *Painting the Town: Regional Legacy on the Sides of Buildings Promotes Tourism*
9:20 Gerald T. McNeill, SE Louisiana University, *Cajuns of Louisiana - Their Culture, Ways, and Art*
- 4116. Changing Economic Geography of Developing Countries VI: China Geography Specialty Group Student Paper Competition (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)**
Room: Governor's Square 16 (Paper Session)
 ORGANIZER(S): Yifei Sun, California State University; Shuguang Wang, Ryerson University
 CHAIR(S): Shuguang Wang, Ryerson University
8:00 Guillaume Neault, *The Social Construction of Land use Planning and Development in China: 1949-1978.*
8:20 Jiangping Zhou, *Stakeholder Conflicts in Recent Inner-city Redevelopment in China*
8:40 Shenjing He, *The Changing Rationale and Interest Distribution of Urban Redevelopment in Shanghai*
9:00 Ms. Limei Li, Hong Kong Baptist University, *Exploring a New Dimension of Residential Differentiation in Urban China under Market Transition: a Study of Suburban Residential Enclaves*

- 4117. Current Research in Guatemala (Sponsored by Latin America Specialty Group)**
Room: Governor's Square 17 (Panel Session)
 ORGANIZER(S): Matthew Taylor, University Of Denver; Michael K. Steinberg, Louisiana State University
 CHAIR(S): Matthew Taylor, University Of Denver
 Introduction: Matthew Taylor, University Of Denver
 Panelists: Linda Elizabeth Quiquívix, California State University, Northridge; Michael K. Steinberg, Louisiana State University; Curtis D. Holder, University Of Colorado, Colorado Springs; Matthew Taylor, University Of Denver; David L. Carr, University Of North Carolina, Chapel Hill
- 4118. Geographies of Media 1: Cinematic and Televisual Geographies (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)**
Room: Plaza Ballroom A (Paper Session)
 ORGANIZER(S): James Craine, San Diego State University; Edward L. Jackiewicz, California State University - Northridge
 CHAIR(S): Chris Lukinbeal, Arizona State University - Department of Geography
8:00 Chris Lukinbeal, Arizona State University - Department of Geography, *Cinematic Landscapes*
8:20 Mr. Joseph Escobedo Palis, *Two For The Road: The Latin American Geographies through the Lenses of Walter Salles*
8:40 Kevin E. McHugh, Arizona State University, *Oh, the Places You'll Go!*
9:00 Katie Algeo, Western Kentucky University, *Sikhing Identity in "Bend it Like Beckham": Sikhs Speak*
9:20 James Craine, San Diego State University, *Virtual Signification: Los Angeles, The Shield, and theshieldfans.com*
- 4119. Environmental Justice and the City (Sponsored by Urban Geography Specialty Group, Historical Geography Specialty Group)**
Room: Plaza Ballroom B (Paper Session)
 ORGANIZER(S): Christopher Boone, Ohio University
 CHAIR(S): Christopher Boone, Ohio University
8:00 Robin M. Leichenko, Rutgers University, *Power, Privilege, and Patios: Suburban Consumption Landscapes and Environmental Justice in Cities of the Developing World*
8:20 Roberto Sanchez-Rodriguez, *Environmental Justice in Tijuana, Mexico*
8:40 Scott A. Hemmerling, Louisiana State University, *Environmental Justice and the Spatial Distribution of Wildlife Habitat in the Urban-Rural Fringe of Southeastern Louisiana*
9:00 Juliana Maantay, Lehman College, *Expulsive Zoning in New York City: The Environmental Justice Implications of Gentrification and Intensification of Industrial Zones*
9:20 Christopher Boone, Ohio University, *An Integrated Approach to Environmental Justice Research in Columbus, Ohio*

- 4120. Perceptions and Mitigation: Experiences with Short-Fuse Weather Hazards**
Room: Plaza Ballroom C (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Mamadou Coulibaly, University of Wisconsin Oshkosh
8:00 Devon A. Hansen, University of North Dakota, *Flood Disaster Recovery and Housing Affordability: A Case Study of Grand Forks, North Dakota-Minnesota Metropolitan Statistical Area*
8:20 Ms. Lauren Z. Maples, *Weathering the Storm: A Study of Shelter Insufficiency in the Jarrell, Texas Tornado of 1997*
8:40 Harun Rashid, University of Wisconsin - La Crosse, *Choice Modeling for floodplain management in Canada and Bangladesh*
9:00 Mamadou Coulibaly, University of Wisconsin Oshkosh, *Spatial and Geostatistical Analysis of an Urban Flash Flood Survey Hazard*
- 4121. NGA Academic Research Program (Sponsored by Military Geography Specialty Group)**
Room: Plaza Ballroom D (Paper Session)
 ORGANIZER(S): Scott A. Loomer, NGA
 CHAIR(S): Scott A. Loomer, NGA
8:00 Scott A. Loomer, NGA, *NGA Academic Research Grant Program*
8:20 Mr. Barry Bitters, University Of West Florida, *An Ontological Data Structure for GIS, Virtual Reality, Real-Time Simulation, and 3D Visualization*
8:40 Rongxing Li, Ohio State University, *An Infrastructure for Seamless Integration of Geospatial Data*
9:00 Michael D. Hendricks, United States Military Academy, *Modeling the impact of geo-update validation delays on an organization's common view of the environment*
9:20 Prof. Suya You, *Rapid Creation of Complex Building Models*
- 4122. Urban China**
Room: Plaza Ballroom E (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Enru Wang, University of Washington
8:00 Shujuan Li, *Impacts of neighborhood characteristics on land use/land cover change: Two case studies using a GIS approach*
8:20 Fujio Mizuoka, *The Porosity of Boundary as a Means of Regulation: A Case of Hong Kong in 1970s*
8:40 Wei Tu, Georgia Southern University, *The Environmental Dimension of the Industrial and Science Parks of China: The Case of Zhangjiang Hi-Tech Park, Shanghai*
9:00 Zhenshan Yang, *Enterprises-Based Urban Agriculture Development in Peri-urban Beijing: Patterns, Dynamics and Perspectives*
9:20 Enru Wang, University of Washington, *Spatial Restructuring of Retailing in Beijing*

4123. Transportation and GIS

Room: Plaza Ballroom F (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Irene Casas, SUNY at Buffalo

8:00 Mr. Shiriram Ilavajhala, *A Web-based Intelligent GIS for Efficient Planning and Maintenance of Snowplowing Operations*

8:20 Linhua Li, Texas A&M University, *GIS-based Bayesian Approach for Intra-city Traffic Accident Analysis*

8:40 Ruihong Huang, Northern Arizona University, *A Schedule-based Path Finding Algorithm for Dynamic Transit Networks*

9:00 Mr. David Lucke, University of Wyoming, *Optimizing Intermodal Facility Locations with GIS and Location Allocation Theory*

9:20 Irene Casas, SUNY at Buffalo, *An Automated Network Generation Procedure for Routing of UAVs: Improvements and Sensitivity Analysis*

4124. Geosystems, Ecosystems, and Wildfires 1: Geomorphic Hazards (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Remote Sensing Specialty Group)

Room: Director's Row E (Paper Session)

ORGANIZER(S): Gregory A. Pope, Montclair State University

CHAIR(S): Kevin Spigel, University Of Wisconsin, Madison

8:00 Henry Shovic, *The End User of Geography: Emergency Response to Wildfire Effects in the United States*

8:20 Norman Meek, California State University, *The Great Southern California Disaster of 200x*

8:40 Kevin Hyde, USDA Forest Service (METI), *Role of Ash in Post-fire Erosion*

9:00 Mr. Chris S. Renschler, SUNY - Buffalo, *Post-Wildfire Simulation of Hillslope Erosion and Small Watershed Processes*

Discussant(s): Kevin Spigel, University Of Wisconsin, Madison

4125. Environment and Africa

Room: Director's Row F (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Benjamin R. Gardner, U of California, Berkeley

8:00 Lindsay Stringer, *From international politics to local land users: the Convention to Combat Desertification and the case of Swaziland*

8:20 Olivier Graefe, *The discursive construction of »drought« and the naturalization of water politics in Southern Morocco*

8:40 Louis Awanyo, University of Regina, *On the nature of nature-society relations in a forest-savanna region of Ghana: The global biodiversity agenda versus local realities*

9:00 Leo Zulu, University of Illinois at Urbana-Champaign, *Socialscalar Politics and Community Based Forest Management in Southern Malawi*

9:20 Benjamin R. Gardner, U of California, Berkeley, *Joint Venture?: Capitalism, Devolution and the New Conservation Politics in Tanzania*

4127. Landscape and Epistemology: Reconciling Indigenous and Western Geographies in Academic Research I (Sponsored by Indigenous Peoples Specialty Group)

Room: Director's Row H (Paper Session)

ORGANIZER(S): Dr. RDK Herman, Towson University

CHAIR(S): Dr. RDK Herman, Towson University

8:00 Brian J. Murton, University of Hawaii, *Intrepretations of the Foreshore in Aotearoa/New Zealand*

8:20 Renee Pualani Louis, University of Hawaii, *Hawaiian place names: mnemonic symbols in a Hawaiian performance cartography*

8:40 Mr. Kali Fermantez, *Re-Placing Indigenous Hawaiian Epistemology and Geography*

9:00 Salliemanu Lilomaiva-Doktor, University of Hawaii, *Beyond Migration, the Samoan Concept of Malaga: A Multidimensional Approach*

9:20 Victoria Guyatt, University of Canterbury, *Mana Wahine and Science: Exploring relationships between Maori women, Indigenous knowledge and Western science.*

4130. Food and Culture I (Sponsored by Cultural Geography Specialty Group)

Room: Tower Court A (Paper Session)

ORGANIZER(S): Barbara G. Shortridge, University of Kansas

CHAIR(S): Barbara G. Shortridge, University of Kansas

8:00 Karen De Bres, Kansas State University, *The Way America Ate: Local Recipes and the Culinary Social Landscape, 1900-1976*

8:20 Jeremy S. Dillon, University of Nebraska at Kearney, *The Growth and Diffusion of Mexican Restaurants in Omaha, Nebraska*

8:40 Anne Donovan, *Foods of Freedom: An Analysis of Food and Identity at Juneteenth Festivals*

9:00 Barbara G. Shortridge, University of Kansas, *Ramps and Soup Beans: Appalachian Foods*

4131. GIS and Society Perspectives on Digital Earth (Sponsored by Geographic Information Science and Systems Specialty Group)

Room: Tower Court B (Panel Session)

ORGANIZER(S): Gregory A. Elmes, West Virginia University

CHAIR(S): Daniel Weiner, West Virginia University

Panelists: Gregory A. Elmes, West Virginia University; Jerome E. Dobson, University Of Kansas; Michael R. Curry, University Of California, Los Angeles; Ms. Cristina D'Alessandro-Scarpari, West Virginia University; Michael F. Goodchild, Univesity Of California, Santa Barbara

4132. Perspectives on Geographic Complexity I: Issues in methods and models (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Steven M. Manson, University Of Minnesota; Dawn C. Parker, George Mason University

CHAIR(S): Tom Evans, Indiana University

8:00 Claudio Cioffi-Revilla, *MASON: A New Multi-Agent Simulation Toolkit*

8:20 Mr. Robert Najlis, Argonne National Laboratory, *Repast GIS Integration*

8:40 Suzana Dragicevic, Simon Fraser University, *Spatio-temporal uncertainty of cellular automata models*

9:00 Anna Versluis, Clark University, *Visualizing the rate at which the accuracy of a land change prediction decays*

9:20 Steven M. Manson, University Of Minnesota, *Evaluating models of geographic complexity: challenges of policy, method, and theory*

4133. Illustrated Papers in Climatology

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kent M. McGregor, University of North Texas

8:00 Thomas B. Williams, Western Illinois University, *Tornado outbreaks in the central Plains in late May 2004: A storm chaser's perspective.*

8:05 David B. Frost, Concordia University, *Decadal mortality sensitivity to temperature, Brisbane, Australia, 1976-1995*

8:10 Carrie Davis, Purdue University, *Determining the Relative Impact of Precipitation on Streamflow*

8:15 Dagmar Budikova, Illinois State University, *Impact of PDO on relationships between US temperature and Arctic Oscillation*

8:20 Kent M. McGregor, University of North Texas, *ENSO Relationships to Precipitation in the Southwest U.S. from the Reanalysis Model*

4134. Conservation

Room: Grand Ballroom 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John B. Wright, New Mexico State University

8:00 Stella Capoccia, Clark University, *Wildlife Rehabilitation in a Hunting Community; a Compliment or Contradiction*

8:20 William Matthew Hunter, Heberling Associates, Inc, *The Place of Landscape in the Practice of Cultural Resource Management*

8:40 Alice E. Mulder, Weber State University, *Your place or mine? A consideration of the politics of place in the local land conservation context*

9:00 John B. Wright, New Mexico State University, *Saving the Ranch: Conservation Easement Design in the American West*

4135. Energy and Water Balance*Room:* Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Peter Blanken, University of Colorado

8:00 William C. Rense, *Water Budget Parameters of the East Slope, Front Range, Colorado***8:20** Joseph Alfieri, University of Colorado, *Intercomparison of Surface Flux Measurements over Shortgrass Steppe***8:40** Gregory S. Bohr, California Polytechnic State University, San Luis Obispo, *Trends, Patterns, and Persistence of Extreme Temperatures in the Southern United States***9:00** Mr. Liding Chen, Research Center For Eco-Environmental Sciences, CAS, *The Effect of Land Cover Patterns on Soil Water Balance in a Loess Hilly Area***9:20** Prof. Peter Blanken, University of Colorado, *Interannual variation in the energy balance of a high altitude wetland***4136. Planning for Transborder Development: East European and U.S.-Mexican Border Regions (Sponsored by Developing Areas Specialty Group, Regional Development and Planning Specialty Group)***Room:* Colorado (Paper Session)

ORGANIZER(S): Vera Pavlakovich-Kochi, University of Arizona; Doris Wastl-Walter, Geography Institut

CHAIR(S): Vera Pavlakovich-Kochi, University of Arizona

Introduction: Doris Wastl-Walter, Geography Institut

8:05 Gabriel Popescu, Florida State University, *Caught between the Scales of European Union Expansion: East European Borderlands between the Supranational and the National***8:20** Francisco J. Llera, *Strategic planning on the El Paso del Norte border region***8:35** Prof. Pablo Wong-Gonzalez, *Transborder region building across the US-Mexican border: the need for a stronger collaboration at the local scale***8:50** Francisco Lara, *Transboundary Partnerships for Regional Economic Development: The US-Mexico Border Experience***9:05** Mr. Tarmo Pikner, *Shifting sociotechnical configurations of border spatialities: a case study about infrastructures between Narva and Ivangorod*

Discussant(s): Mr. Bruce Wright, University of Arizona; Anton Gosar, Faculty of Humanities Koper, University of Primorska

4137. Coastal Futures: High and Dry (Sponsored by Coastal and Marine Specialty Group, Human Dimensions of Global Change Specialty Group)*Room:* Silver (Panel Session)

ORGANIZER(S): Diane P. Horn, Birkbeck College, University of London; Susanne Moser, National Center for Atmospheric Research

CHAIR(S): Susanne Moser, National Center for Atmospheric Research

Panelists: Susan L. Cutter, University Of South Carolina; Klaus J. Meyer-Arendt, University of West Florida; James K. Mitchell, Rutgers University; Robert M. Schwartz, Ball State University; Diane P. Horn, Birkbeck College, University of London; Susanne Moser, National Center for Atmospheric Research

- 4138. A Critical Geography of Neighborhood Effects I: Theory & Measurement (Sponsored by Medical Geography Specialty Group)**
Room: Gold (Paper Session)
 ORGANIZER(S): James Dunn, University of Toronto
 CHAIR(S): Robin Kearns
8:00 James Dunn, University of Toronto, *Scaling social facts: A critical geography of 277neighborhood effects in health and child development.*
8:20 Susan J. Elliott, McMaster University, *An alternative framework for understanding the role of neighbourhood in health*
8:40 John Eyles, McMaster University, *"It's the people, not the places": the impacts of neighborhood on individual health*
9:00 Mr. Yan Kestens, Universite de Montreal, *Assessing the visual environment of neighbourhoods: A spatial analysis of reliability*
 Discussant(s): Nancy A. Ross, McGill University
- 4139. Constructing Knowledge, Destabilizing Authority and Commending Bodies (Sponsored by Socialist and Critical Geography Specialty Group, Geographic Perspectives on Women Specialty Group)**
Room: Century (Panel Session)
 ORGANIZER(S): Karen Falconer Al-Hindi, University of Nebraska; Pamela Moss, University of Victoria
 CHAIR(S): Karen Falconer Al-Hindi, University of Nebraska
 Panelists: Karen Falconer Al-Hindi, University of Nebraska; Lawrence D. Berg, Okanagan University College; Mary Gilmartin; Kathryn J. Besio, University of Hawaii at Hilo; Rich Heyman, University of Minnesota; Jeanne Kay Guelke, University of Waterloo; Samah Sabra; Pamela Moss, University of Victoria
- 4140. A Critical Geography of Canada and the United States: John Hudson's "Across this Land" (Sponsored by Canadian Studies Specialty Group)**
Room: Spruce (Panel Session)
 ORGANIZER(S): Susan Lucas, Edinboro University of Pennsylvania; Christopher D. Merrett, Illinois Institute for Rural Affairs
 CHAIR(S): Susan Lucas, Edinboro University of Pennsylvania
 Introduction: Susan Lucas, Edinboro University of Pennsylvania
 Panelists: Soren Larsen, Georgia Southern University; Thomas A. Rumney, State Univ of New York; Christopher D. Merrett, Illinois Institute for Rural Affairs; Peter H. Meserve, Fresno City College; John C. Hudson, Northwestern University

4141. The Political Economies of Inward Investment I: The multi-scalar politics of inward investment (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group)

Room: Denver (Paper Session)

ORGANIZER(S): Andrew Wood, University of Oklahoma; Nicholas A. Phelps
CHAIR(S): Nicholas A. Phelps

8:00 Neil Reid, University of Toledo, *Global production systems, foreign direct investment, and growth coalitions: leveraging FDI in Toledo, Ohio to embed established industries in place*

8:20 Andrew E.G. Jonas, University of Hull, *Inward investment, new economic spaces and the politics of collective provision: an international perspective*

8:40 Bae-Gyoon Park, National University of Singapore, *Multi-scalar Politics of Globalization: Politics of Local Economic Development, Spatially Selective Liberalization and Economic Free Zones in South Korea*

9:00 Nicholas A. Phelps, *Lost in translation? Local interests, global actors and the multi-scalar dynamics of inward investment*

Discussant(s): Kevin R. Cox, Ohio State University

4143. Geography of Wine II (Sponsored by Wine Specialty Group)

Room: Beverly (Paper Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown University Of Pennsylvania
CHAIR(S): Teresa L. Bulman, Portland State University

8:00 Greg Jones, Southern Oregon University, *Large Scale Climate Variability Impacts on Global Wine Quality*

8:18 Percy H. Dougherty, Kutztown University Of Pennsylvania, *Terroir and Wine Quality in the Brunello di Montalcino District, Tuscany, Italy*

8:36 Lee F. Johnson, CSUMB, *Ecological Forecasting Techniques Applied to Winegrape Vineyards*

8:54 Mark Chandler, Lodi-Woodbridge Winegrape Commission, *Justification for the Subdivision of the Lodi, CA Appellation Based on the Terroir*

9:12 Josh Metz, UC Santa Barbara, *Remote Sensing of Vineyard Land Cover for Regional Planning and Industry Sustainability*

Discussant(s): Tom Schmidlin, Kent State University; Mr. Christian Patrick Heidkamp, University of Connecticut

4144. Geographies of Developmental & Environmental Struggle

Room: Biltmore (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jurgen Essletzbichler, University of Southampton

8:00 Christine Sylvester, *Bare life as a development/postcolonial problematic*

8:20 Margaret Wood, Washburn University, *Building the Corporate Family: Constructing Households, Families and Class Conflict*

8:40 Prof. E. Helen Berry, *The impact of shifting demographics on environmental variables: Utah 1990-2000*

9:00 Elvin E. Delgado, Syracuse University, *Capital's Deformities: Oil Production, Anencephaly, and the Environmental Degradation of Lake Maracaibo.*

9:20 Jurgen Essletzbichler, University of Southampton, *American Recession Geography*

- 4145. China as a Focus for Regional, Historic, and Geographic Change**
Room: Captiol (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): C P. Lo, University of Georgia
8:00 Bangbo Hu, Villanova Univ, *Cultural Images: Reflection of Political Power in the Maps of Chinese Administrative Gazetteers of the Song Dynasty (960-1279 A.D.)*
8:20 Yi-Chia Chen, Louisiana State University, *Revealing From the Bombardment Smoke: The Habitants' Changing Understanding of the Landscapes in Quemoy*
8:40 Ms. Guo Chen, Pennsylvania State University, *Urban Poverty in Transitional China: State, Local Governments and Families*
9:00 C P. Lo, University of Georgia, *Decentralization and Polarization: Contradictory Trends in Hong Kong's Post-Colonial Social Landscape*
- 4146. Environment, Power and Development (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: Columbine (Paper Session)
 ORGANIZER(S): Heather M. Alden
 CHAIR(S): Heather M. Alden
8:00 Heather M. Alden, *Nature Conservation in South Sinai*
8:15 Kristina Monroe, Ohio State University, *Dispossession, Afforestation, and the Gold Mine Labor Connection, in Mpumalanga, South Africa*
8:30 Matthew Himley, Syracuse University, *Negotiating Nature: Conservation and Justice in Highland Ecuador*
8:45 Claudia A. Radel, Clark University, *Converging conservation and women's gender interests in the southern Yucatan*
9:00 Ed Carr, University of South Carolina, *Linking Land and Livelihoods through Power*
- 4147. The Politics of Democracy in the "Global South" (Session 1) (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group, Latin America Specialty Group)**
Room: Terrace (Paper Session)
 ORGANIZER(S): Patricia M. Martin, Vassar College; Chris Sneddon, Dartmouth College
 CHAIR(S): Patricia M. Martin, Vassar College
8:00 Chris Sneddon, Dartmouth College, *River basin politics and the rise of 'ecological' democracy in Southeast Asia and Southern Africa*
8:20 Sonja Katharina Pieck, Clark University, *The NGO, the Forest, and the Hyperrea Indian: A Genealogy of an International Coalition*
8:40 Patricia M. Martin, Vassar College, *Communities of Knowledge and Discourses of Democracy: Outlining an Architecture of Politics*
 Discussant(s): Murray M. Low, London School of Economics

4148. Transportation and Urban Sprawl (Part 1) (Sponsored by Transportation Geography Specialty Group)*Room: Savoy (Paper Session)*

ORGANIZER(S): Joe Weber, University Of Alabama; Prof. Selima Sultana, University of North Caroliana-Greensboro

CHAIR(S): Prof. Selima Sultana, University of North Caroliana-Greensboro

8:00 Joe Weber, University Of Alabama, *The Impact of Urban Sprawl on Commuting Behavior***8:20** David H. Kaplan, Kent State University, *Where Have All the Students Gone? An Examination of Student Travel and Parking Behavior***8:40** Andrew S. Griffith, *Understanding Changes in Travel Time to Work and Transit Use: A Comparative Study of Three Urban Areas Using Census Transportation Planning Package (CTPP) 2000***9:00** Barry Wellar, University of Ottawa, *Cities on the Forefront of Implementing Alternate Transportation Strategies to Combat Urban Sprawl***4149. Nystrom Awards 1***Room: Majestic Ballroom (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Richard D. Wright, San Diego State University

8:00 Julie Cidell, California State University, Sacramento, *Air transportation, airports, and the discourses and practices of globalization***8:15** Anthony M Filippi, Texas A&M University, *Bathymetric Mapping Using Self-Regulatory General System Theory for Hyperspectral Remote Sensing Inversion***8:30** Andres Guhl, Universidad Nacional De Colombia, *Coffee and Landscape change in Colombia 1970-2002: linking agricultural intensification and Land-use and land-cover change***8:45** Wendy Elizabeth Jepson, Texas A&M University, *Challenging Narratives of Land-Use and Land-Cover Change for the Brazilian Cerrado***9:00** Winifred Curran, DePaul University, *Gentrification and Industrial Displacement*

Discussant(s): Janice Monk, Department of Geography and Regional Development

4150. Visualization I: Challenges (Sponsored by Cartography Specialty Group)*Room: Vail (Paper Session)*

ORGANIZER(S): Amy Lobben, University of Oregon; Robert M. Edsall, Arizona State University

CHAIR(S): Robert M. Edsall, Arizona State University

8:00 Michael Leitner, Louisiana State University, *Balancing individual privacy and the public's right to know or how to properly display the location of confidential crime data on publicly available Internet sites.***8:20** Mark A Harrower, University Of Wisconsin, Madison, *Automating Cartography: Why computers struggle to be competent cartographers.***8:40** Mr. Adam Light, University of Oregon, *Design Patterns for Cartography and Data Graphics***9:00** Robert M. Edsall, Arizona State University, *Cultural Factors in Geovisualization Interface Design: Designing for Diversity*

4151. Cultural Geography

Room: Tower Exhibit Area (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

Sarah A. Hall, Middle Tennessee State University, *Equal Education Opportunities for Girls in Lambada Thanda Slum Community in Hyderabad, India*

Bradley T. Cullen, Univ of New Mexico, *Global Homophobia And Heterosexism*

Lisa J. Theo, University of Wisconsin-Eau Claire, *Spatial Differences in Women's Progress and Prosperity in Wisconsin: The Lieutenant Governor's Wisconsin Women Equals Prosperity Initiative*

Ms. Shirley Griffey, *The Spatial Politics of dams and landuse change on South Dakota's Native American Reservations: The Case of Lower Brule & Crow Creek*

James F. Fryman, University of Northern Iowa, *Geographic Examination of Faculty Employment Fields for Highly Competitive Private Liberal Arts Colleges*

Joanne E. Blewett, University of Cincinnati, *The Geography of Marian Shrines in the United States: A Preliminary Comparison with Western Europe*

Cynthia L. Parsons, Brigham Young University, *The Impact of changing funerary regulations on land use in China*

J. Clark Archer, University of Nebraska, *Geography of the 04 American Presidential Elections*

Chris Storm, *The Distribution of Current Major League Athlete Production*

Ms. Laurie Darian, Montana State University, *The Emerging Hispanic Homeland of the Pacific Northwest*

Mr. Kyle Green, SUNY Geneseo, *The Globalization of Basketball*

Christina Irons, *The Trail of Tears*

Adam Robert Dinges, *Economic Impacts of the Trail of Tears*

David Viertel, *Census Designated Places and Their Relationship To Community*

Martha E. Geores, Univ of Maryland, *Crazy Horse Memorial: Place Making in the Black Hills*

Gigi M. Berardi, Huxley College, WWU, *Multicontextuality in Policy Analysis Research*

Kathleen Sherman-Morris, Mississippi State University, *Local News, Local Coverage?*

Ronald A. Davidson, California State University, Northridge, *The Secrets of a Successful Public Space in Southern California: Exploring the Santa Monica Pier*

Dorothy Schepps, Disaster Research and Consulting, *Disaster Time Line: Selected Major Focusing Events and US Outcomes (1969-2004)*

10:00 a.m. - 11:40 a.m.

- 4201. Supporting Early Career Faculty: Issues and Strategies (Sponsored by Geography Education Specialty Group)**
Room: Plaza Court 1 (Panel Session)
 ORGANIZER(S): Dr. Susan Hardwick, University Of Oregon
 CHAIR(S): Dr. Susan Hardwick, University Of Oregon
 Panelists: Ms. Lynn C Songer, University of Oregon; Jacqueline J. Shinker, Indiana State University; Michael N. Solem, Association Of American Geographers; Benjamin F. Tillman, Texas Christian University
- 4202. New Geographies of Political Ecology II: Cities, homes, and bodies (Sponsored by Cultural and Political Ecology Specialty Group)**
Room: Plaza Court 2 (Paper Session)
 ORGANIZER(S): Gregory Simon, University of Washington; Dawn Day Biehler, University of Wisconsin
 CHAIR(S): Mr. Ryan Galt
 10:00 Arn Keeling, *A Toxic Eldorado: Uranium mining and environmental (in)justice in the Canadian North*
 10:20 Dawn Day Biehler, University of Wisconsin, *Environmental histories of pest control, public health, and US urban neighborhoods*
 10:40 Gregory Simon, University of Washington, *Producing and Contesting Indoor Air: History and Politics of North Indian Cookstove Replacement Programs*
 11:00 Ms. Sarah Dooling, *The political ecology of unplanned uses in public spaces: urban subsistence patterns among homeless in city parks*
- 4203. Hurricanes II: Paleotempestology (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Coastal and Marine Specialty Group)**
Room: Plaza Court 3 (Paper Session)
 ORGANIZER(S): Kam-Biu Liu, Louisiana State University
 CHAIR(S): Terry McCloskey
 10:00 Prof. Claudia Mora, *Little Ice Age Tropical Cyclone Activity and Drought in the Southeastern U.S.: Observations from Tree-ring Oxygen Isotopes*
 10:20 Amy Frappier, *A speleothem proxy for high-resolution paleotempestology*
 10:40 Kam-Biu Liu, Louisiana State University, *A Paleotempestological Record from Nobska Pond, Cape Cod: Testing the Bermuda High Hypothesis*
 11:00 Ms. Jennifer Hathorn, Louisiana State University, *Late Holocene paleoecology and paleotempestology of the Pascagoula Marsh, Mississippi.*
- 4204. Around the World in 44 Days: Confronting the Challenges of Teaching World Regional Geography (Sponsored by AAG Commission on College Geography, Geography Education Specialty Group)**
Room: Plaza Court 4 (Panel Session)
 ORGANIZER(S): Dr. Phil L. Crossley, Western State College
 CHAIR(S): Dr. Phil L. Crossley, Western State College

Panelists: Iddrisu Adam, University of Wisconsin - Marshfield Campus; Rosann Poltrone, Arapahoe Community College; Kerry Lyste; Brad Dearden, University of Maine at Farmington; Brian Forn, United States Military Academy; Bruce L. Seivertson, Imperial Valley College; Naim Zeibak, Western Kentucky University; Paul R. Larson, Southern Utah University

4205. Geographies of the Multitude 2 (Sponsored by Socialist and Critical Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill; Mark Bonta, Delta State University

CHAIR(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill

10:00 Dominic Corva, *American exceptionalism and the multitude*

10:20 Mazen Labban, Clark University, *Geographies of non-place on empires and nomads*

10:40 Mr. Samuel J. Schueth, *A sense of world-place: modeling cosmopolitan sodality across cultures*

11:00 Eric Olund, University of British Columbia, *People + Public = Multitude?*

4206. Planning Heritage Tourism for Economic Development (Sponsored by Recreation, Tourism, and Sport Specialty Group, Regional Development and Planning Specialty Group)

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Dave Lemberg, Western Michigan University

CHAIR(S): Dave Lemberg, Western Michigan University

10:00 Roy Jones, Curtin University of Technology, *Waltzing the Icons: Swagmen, Squatters and Troopers at Australia's North West Cape*

10:20 Seth Appiah-Opoku, University Of Alabama, *Enhancing Community Participation in Ecotourism: The Case of Kakum National Park in Ghana*

10:40 Kathleen Vazoulas, *Using GIS to Understand the Heritage Tourist*

11:00 Chris McMorran, University Of Colorado, *Heritage Tourism in Japan: Development Strategy for a Remote Destination*

11:20 Dave Lemberg, Western Michigan University, *The River Country Heritage Water Trails Pilot Project*

4207. Globalization

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James E. McConnell, SUNY at Buffalo

10:00 Dr. Joseph Mensah, York University, *Cultural Dimensions of Globalization in Africa: A dialectical interpenetration of the local and the global*

10:20 Mark Drayse, California State University, *Corporate Globalization in the Los Angeles Furniture Industry*

10:40 Sebastien M. Breau, University of California Los Angeles, *Globalization and the Los Angeles Economy*

11:00 James E. McConnell, SUNY at Buffalo, *The economic costs and spatial consequences of securing the U.S.-Canada border: a firm-level perspective of cross-border trade*

- 4208. The Possibility of Heterodox GIS II: Discussion and Prospects (Sponsored by Geographic Information Science and Systems Specialty Group)**
Room: Plaza Court 8 (Panel Session)
 ORGANIZER(S): Kevin St. Martin, Rutgers University
 CHAIR(S): Kevin St. Martin, Rutgers University
 Panelists: Sarah Elwood, University of Arizona; Robert W. Lake, Rutgers University; Jeremy Crampton, Georgia State University; Nadine Schuurman, Simon Fraser University; Marianna Pavlovskaya, Hunter College; Daniel Weiner, West Virginia University
- 4209. Gentrification, Housing and Poverty**
Room: Governor's Square 9 (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): David M. Walker, University of Kentucky
10:00 Christa Weidler, *284Second-Wave Gentrification Displacement: Examining the sociospatial dynamics of relocation from Chicago's Bucktown neighborhood*
10:20 Mr. James Robert Breymaier, University Of Toledo, *Toponyms and Community (Re)Identification in Chicago's Gentrification*
10:40 Dawn Couch, *Discourse to Demolition: Knowledge and Expertise in the Congressional Debates on Public Housing*
11:00 Mr. Nathan Sessoms, *The Changing Face of Concentrated Poverty*
11:20 David M. Walker, University of Kentucky, *Gentrification Moves South: The Neoliberalization of Space in Mexico City's Historic Center*
- 4210. Fluvial Geomorphology II (Sponsored by Geomorphology Specialty Group)**
Room: Governor's Square 10 (Paper Session)
 ORGANIZER(S): Michael Slattery, Texas Christian University
 CHAIR(S): Michael Slattery, Texas Christian University
10:00 Scott A. Lecce, East Carolina University, *Seasonal Variations in Sediment Flux through Agricultural Drainage Ditches on the Coastal Plain of North Carolina*
10:20 Paul F. Hudson, University of Texas, *Local- and watershed-scale controls on flood deposits, lower Guadalupe River, Texas.*
10:40 Michael Slattery, Texas Christian University, *Relative importance of fluvial sediment sources in the lower Trinity River, Texas: results from mineral magnetic analysis and sediment unmixing*
11:00 James D. Riley, University of Illinois at Urbana-Champaign, *Temporal Change in Bed Morphology at a Stream Confluence*
- 4211. Geographies of Financial Globalisation: Theory and Practice I - Distance, Scale and Information (Sponsored by Economic Geography Specialty Group)**
Room: Governor's Square 11 (Paper Session)
 ORGANIZER(S): Michael Hermann Grote, Goethe-University Frankfurt; Dariusz Wojcik, University of Oxford
 CHAIR(S): Dariusz Wojcik, University of Oxford

10:00 Michael Hermann Grote, Goethe-University Frankfurt, *Home biased? A spatial analysis of the domestic merging behavior of US firms*

10:18 Bongman Seo, University of Minnesota, *Regionalization and Globalization of European Banks in Global Syndicated Credit Markets*

10:36 Pietro Alessandrini, Università Politecnica Delle Marche, *The New Geography of the Italian Banking System*

10:54 Prof. Gordon L. Clark, University of Oxford, *Corporate governance, cross-listing, and institutional investor response to stock price discounting: Royal Ahold and market arbitrage Amsterdam and New York, 1973-2004*

Discussant(s): Phillip O'Neill

4212. India Rising (Sponsored by Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: Governor's Square 12 (Panel Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg University; Rajiv Thakur

CHAIR(S): Ashok K. Dutt, University Of Akron

Panelists: Prof. Graham Chapman, George M. Pomeroy, Shippensburg University; Debnath Mookherjee, Western Washington University; Allen G. Noble, University of Akron; Jayati Ghosh, Dominican University Of California; Pradyumna P. Karan, University Of Kentucky; Rajrani Kalra, Kent State University; Jan Nijman, University of Miami; Frank J. Costa; Ashok K. Dutt, University Of Akron

4214. Geographical Dimensions of the New Middle East I (Sponsored by The Geographical Review)

Room: Governor's Square 14 (Paper Session)

ORGANIZER(S): Dona J. Stewart, Georgia State University

CHAIR(S): Douglas L. Johnson, Clark University

10:00 Amy Mills, University of Kentucky, *Nationalism and City Narratives: Recovering the Ethnic Minority*

10:20 Dona J. Stewart, Georgia State University, *The New Middle East in the Bush Administration's Ideological Imagination*

10:40 Stanley D. Brunn, University of Kentucky, *Memorializing the Soviet Invasion of Afghanistan: A Kazak City's Monument*

11:00 Patrick Vincent McGreevy, American University of Beirut, *The Empire and the People: Teaching American Studies in the Arab World*

4215. Geography as Art: Art as Geography 2 (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)

Room: Governor's Square 15 (Paper Session)

ORGANIZER(S): Chris Mayda, Eastern Michigan University; Artimus Keiffer, Wittenberg University

CHAIR(S): Chris Mayda, Eastern Michigan University

10:00 Alyson L. Greiner, Oklahoma State University, *Geography, Art, and the New Deal in Oklahoma*

10:20 Gary B. Storm, New Mexico Office Of the State Engineer, *Themes and Variations in Cartography and Art: False-Color Imagery and Claude Monet's Wheatstacks*

10:40 Artimus Keiffer, Wittenberg University, *Art as Geography: Geography as Art — A Conclusion to a Beginning*

Discussant(s): Wilbur Zelinsky, Pennsylvania State University

4216. Changing Economic Geography of Developing Countries VII: Land Use and Environmental Changes (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)

Room: Governor's Square 16 (Paper Session)

ORGANIZER(S): Yifei Sun, California State University; Qihao Weng, Indiana State University

CHAIR(S): Qihao Weng, Indiana State University

10:00 Yichun Xie, Eastern Michigan University, *CA/ABM Modeling of Paddy Field Conversion - A Case Study in China*

10:20 Jun Luo, University of Wisconsin at Milwaukee, *Study on Urban Population Surface and Density Function: a Case of Nanjing, China*

10:40 Honglin Xiao, Elon University, *The Impact of Human Activities on Karst Landforms at Guizhou China from 1991 to 2001*

11:00 Qihao Weng, Indiana State University, *Urban Air Pollution Patterns, Land Use, and Thermal Landscape: An Examination of the Linkage Using GIS*

4217. Session in Honor of Professor Hugh Calkins' Contributions to GIS

Room: Governor's Square 17 (Panel Session)

ORGANIZER(S): Ge Lin, West Virginia University

CHAIR(S): Ge Lin, West Virginia University

Panelists: Jack Dangermond, ESRI, INC; Carmelle J. Cote, ESRI, INC; Michael F. Goodchild, University Of California, Santa Barbara; David M. Mark, University at Buffalo; Duane F. Marble, Ohio State University

4218. Geographies of Media 2: Spaces of Print and Advertising (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Plaza Ballroom A (Paper Session)

ORGANIZER(S): James Craine, San Diego State University; Chris Lukinbeal, Arizona State University - Department of Geography

CHAIR(S): James Craine, San Diego State University

10:00 Christina Dando, University of Nebraska-Omaha, *The Last, Best Space?: Recasting the Plains as Space*

10:20 Jane Moeckli, University of Iowa, *What's healthy is what's beautiful: Representations of 'nature' in health and beauty advertisements*

10:40 Naomi Pope, University Of California, Los Angeles, *Competitive Commercials: A Geographical Analysis of the Advertising Industry in Los Angeles*

11:00 Mr. Scott Rodgers, King's College London, *Mediating cities as political objects/projects: journalism, practice and association*

4219. Immigrants and Refugees In Multicultural Cities - Canada (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Carlos Teixeira, Okanagan University College

CHAIR(S): Stavros T. Constantinou, Ohio State University

10:00 Ms. Karen King, McMaster University, *Internal Migration of Recent Immigrants to Canada, 1991-96*

10:20 Carlos Teixeira, Okanagan University College, *Housing Search, Barriers and Outcomes for New Refugees: A Case Study of African Refugees in Toronto's Rental Market*

10:40 Sara Jackson, University of British Columbia, *Daughters of Pakistani Immigrants and Transnational Life: Islam on a Continuum*

11:00 Heather Anne Smith, University of North Carolina at Charlotte, *Concentrated poverty and immigrant settlement in Vancouver, Canada*

4220. Power of Places

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Linda Wang, University Of South Carolina Aiken

10:00 Mark Hinehine, Unaffiliated Scholar, *Scale and the Pragmatic Boundaries of Place*

10:20 John Neff, University of California – Los Angeles, *Identity and place in the historical narratives of Benedetto Croce*

10:40 Leslie McLees, University of Hawaii, *Who says what happens here? Diverse powers of a place*

11:00 Christopher Limburg, *Buddhist Placemaking*

11:20 Linda Wang, University Of South Carolina Aiken, *Apartheid: an institutional mechanism of racism in South Africa*

4221. NGA Academic Research Program - Session 2 (Sponsored by Military Geography Specialty Group)

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): Scott A. Loomer, NGA

CHAIR(S): Scott A. Loomer, NGA

10:00 Pamela Fox, Integrated Media Systems Center, *Feature-based laser data simplification for low polygon visualization*

10:20 Marguerite Madden, Center for Remote Sensing and Mapping Science (CRMS), *Feature Extraction and Visualization in Coastal Zones*

4222. Assessing Urban Problems

Room: Plaza Ballroom E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Walter Martin, UNC Charlotte

10:00 Tom Carlson, University of Washington, Tacoma, *Geographical Effects of Urban Growth Boundaries on Residential Development in Pierce County, Washington*

- 10:20 Hanna Maoh, McMaster University, *A Discrete-Time Hazard Duration Model of SME Business Establishment Survival in the City of Hamilton, Ontario*
- 10:40 Jacqueline Salmond, *Participatory Planning in St. Petersburg, Florida: A Critical Analysis of Vision 2020*
- 11:00 Colleen Joyce, US Census Bureau, *Identifying and Analyzing Geographic Changes to School Districts*
- 11:20 Walter Martin, UNC Charlotte, *Assessment of Crime Risk along Greenways in Charlotte, North Carolina 1994-2003*

4223. Transportation Behavior and Planning

Room: Plaza Ballroom F (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bryan Dorsey, Weber State

- 10:00 Kevin Majka, *Disaggregating Aggregate Household Travel Data*
- 10:20 Nairne Cameron, *The Home-Work Corridor and Complex Travel Behaviour Exhibited by Urban Fringe Dwellers in an Ottawa, Ontario Case Study*
- 10:40 HuiEn Lee, *Route Choice Behavior: Case Study in Buffalo, NY*
- 11:00 Ms. Amber Blake, University of Montana, *Factors Influencing Bicycles as Transportation Mode Choice at The University of Montana*
- 11:20 Bryan Dorsey, Weber State, *Integrating Comprehensive Transportation Demand Management with Campus Planning*

4224. Geosystems, Ecosystems, and Wildfires 2: Soil Factors and Time (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Remote Sensing Specialty Group)

Room: Director's Row E (Paper Session)

ORGANIZER(S): Gregory A. Pope, Montclair State University

CHAIR(S): Gregory A. Pope, Montclair State University

- 10:00 Sarah Lewis, *Comparing remotely sensed burn severity with fire-induced soil water repellency*
- 10:20 Prof. Scott Woods, University of Montana, *Spatial Variability of Soil Hydrophobicity after Forest Fires in the Rocky Mountains*
- 10:40 Jennifer Pierce, University Of New Mexico, *Climate-Driven Variations in Holocene Fire Regimes and Geomorphic Response in Central Idaho*
- 11:00 Gregory A. Pope, Montclair State University, *Hot fires and pedogenesis: fleeting factor or long-term conditioner in central Colorado?*
- Discussant(s): Gregory A. Pope, Montclair State University

4225. Environment and Place

Room: Director's Row F (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Brenton M. Yarnal, Pennsylvania State University

- 10:00 Kathryn Furlong, UBC, *Unexpected Narratives in Conservation: Discourses of Identity and Place in 'umava National Park, Czech Republic*
- 10:20 Stephen Cunha, Humboldt State University, *Arctic Dreams in a Last Frontier: Analyzing Government Claims About ANRW*

10:40 Ning Chen, *Evaluation of Two GIS-Based Models for Estimating the Energy Savings Associated with Shade Trees*

11:00 Brenton M. Yarnal, Pennsylvania State University, *Scoping the Vulnerability of a Place to the Effects of Environmental Change*

4227. Landscape and Epistemology: Reconciling Indigenous and Western Geographies in Academic Research II (Sponsored by Indigenous Peoples Specialty Group)

Room: *Director's Row H* (Paper Session)

ORGANIZER(S): Dr. RDK Herman, Towson University

CHAIR(S): Brian J. Murton, University of Hawaii

10:00 Chris R. Coggins, Simons Rock College, *Mapping Shangri-La: Sacred Landscapes and Indigenous Epistemologies in the Sino-Tibetan Borderlands*

10:20 Lesley Fordred Green, University Of Cape Town, *Modes of spatio-temporal memory on Karunna Mountain, Amapá, Brazil*

10:40 Mr. Ian Greatbatch, *Mountain Landscape Feature Naming: An Analysis of the English Lake District.*

11:00 Anna Stanley, University Of Guelph, *Subjugated Knowledges: the continued production of colonial landscapes through Canadian nuclear waste management*

11:20 Samantha Earnest, Florida State University, *The Politics of Historic Preservation: Cases from Alabama and Florida*

4230. Food and Culture II (Sponsored by Cultural Geography Specialty Group)

Room: *Tower Court A* (Paper Session)

ORGANIZER(S): Barbara G. Shortridge, University of Kansas

CHAIR(S): Barbara G. Shortridge, University of Kansas

10:00 Benjamin F Coles, University of Kansas Department of Geography, *(Re)placing Coffee and its Commodity Chains*

10:20 Lucius Hallett, University of Kansas Dept. of Geography, *The Geography of Food Networks: Modernity and the Construction of Meaning*

10:40 Mr. Joshua Long, University of Kansas, *Corporate, Campus, and Counterculture: An ethnogeographic examination of place attachment and culture in the present-day American coffeehouse.*

11:00 Lisa Rausch, *Coffee Production Cooperatives in Costa Rica: A Ubiquitous Presence in Social and Economic Development*

11:20 Mr. Christian Patrick Heidkamp, University of Connecticut, *Eco-labels, Externalities and Land Use: The Case of Shade Grown Coffee.*

4231. Marine/Coastal GIS & Acoustic Remote Sensing (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group)

Room: Tower Court B (Paper Session)

ORGANIZER(S): Dawn J. Wright, Oregon State University

CHAIR(S): Dawn J. Wright, Oregon State University

Introduction: Dawn J. Wright, Oregon State University

10:05 Dawn J. Wright, Oregon State University, *Benthic Terrain Modeling Algorithms and Web Distribution*

10:25 Ron W Rinehart, Oregon State University, *3-D Benthic Terrain Mapping and Modeling in American Samoa*

10:45 Mr. Steve Watt, Sea Engineering, Inc., *Monitoring harbor dredging and sedimentary changes in coastal habitats of the Santa Cruz Bight, California*

11:05 Joanne Halls, UNC Wilmington, *A Spatial and Temporal Analysis of Dolphin Community Structure in Southeastern North Carolina*

Discussant(s): Dawn J. Wright, Oregon State University

4232. Perspectives on Geographic Complexity II: Approaching complex problems (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Steven M. Manson, University Of Minnesota; Dawn C. Parker, George Mason University

CHAIR(S): Tom Evans, Indiana University

10:00 Roger White, *An Individual Based Model of the Lobster Fishery of St. John Bay, Newfoundland*

10:20 Paul Torrens, University of Utah, *Spatial intelligence for agent-based models of human movement*

10:40 Bas Straatman, Memorial University of Newfoundland, *Modeling of a spatial evolutionary economy*

11:00 Mr. Benoit Glisse, *Design Multi-Agent Based Simulation for Geography*

11:20 Luke Bergmann, University of Minnesota, *From Social Relations to a Capitalist Space Economy: Simulation Beyond the Rational Actor*

4233. Location, Location, Location

Room: Tower Court D (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steven L. Drier, University of Missouri

10:00 Kurt Fuellhart, Shippensburg University, *The Economic Impacts of Base Closure: Letterkenny Army Depot & Franklin County, PA*

10:05 Tony H. Grubestic, University of Cincinnati, *Optimal Facility Location for Remote Digital Subscriber Line Access Multiplexers*

10:10 Frank Gossette, CalState Univ Long Beach, *Long Beach, California: America's most diverse city?*

10:15 Mr. Jeffrey Tufenkian, *Promoting Hiking and Rock Climbing in Armenia*

10:20 Jacquelyn L. McDermott, University of Tennessee, *The Black Kitchens of Slovenia: gendered symbols of national identity for a tiny nation.*

- 10:25 Brian Baldwin, *Small Town Sense of Place Along U.S. Route 11*
- 10:30 Jay D. Gatrell, Indiana State University, *Haifa's Tourism Industry and the Bahai Gardens*
- 10:35 Steven L. Driever, University of Missouri, *Fin de Siècle American Travel Books on Spain: Gender, Bigotry, and Americanism*
- 10:40 Markus Hassler, Ruhr-University Bochum, *Global automotive firms in Thailand: market reorganization, distribution and retailing*
- 10:45 Edward L. Jackiewicz, California State University - Northridge, *Modernization under Control?: Excerpts from Rural Costa Rica*

4234. Conservation Biology

Room: Grand Ballroom 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Crifasi, City of Boulder

- 10:00 Stephanie Pau, *Patterns of Natural History, Biogeography, and Conservation Status of Hawaiian Tropical Dry Forest Tree Species*
- 10:20 Taly Drezner, University of Wisconsin, *A New Technique to Estimate Age and Population Structure in Any Population of Long-Lived Cactus Without Historical Data*
- 10:40 Vickie Backus, *Genetics Meets Geography*
- 11:00 Scott Markwith, *Topographic barriers to gene movement and resulting population genetic structure in the rare aquatic macrophyte *Hymenocallis coronaria**
- 11:20 Robert Crifasi, City of Boulder, *A subspecies no more? The making and unmaking of the Preble's meadow jumping mouse*

4235. New Perspectives on Geographic Thought

Room: Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): George L. Henderson, University Of Minnesota

- 10:00 Reuben Skye Rose-Redwood, *The Cartesian Grid, Historical Epistemology, and the Formation of Materialized Epistemic Spaces*
- 10:20 Jen-Miau Lin, University of Iowa, *Dialectical Images in the examples of Walter Benjamin and David Harvey*
- 10:40 Michal Kohout, California State University, San Bernardino, *Gramsci's Geography and Gramscian Geographies*
- 11:00 Marvin Waterstone, UNIVERSITY OF ARIZONA, *The Ends of Geographic Thought*
- 11:20 George L. Henderson, University Of Minnesota, *The Ends of Geographic Thought*

4236. Successfully Building a GISc Program in a Small Department

Room: Colorado (Paper Session)

ORGANIZER(S): Richard J. Aspinall, Arizona State University

CHAIR(S): Richard J. Aspinall, Arizona State University

- 10:00 Brian Lees, Australian National University, *Strategies for Building a GISc Program in a Small Department*

4237. Climate and Cryosphere I: Climate and Frozen Ground (Sponsored by Climate Specialty Group, Geomorphology Specialty Group, Cryosphere Specialty Group)

Room: *Silver* (Paper Session)

ORGANIZER(S): Frederick E. Nelson, University of Delaware; Jerry Brown
CHAIR(S): Frederick E. Nelson, University of Delaware

10:00 Roger G. Barry, University of Colorado, *The World Climate Research Programme (WCRP) Climate and Cryosphere Project (CliC): Status and Plans*

10:15 Ellen Mosley-Thompson, Ohio State University, *Does the PDO complicate reconstruction of NAO variability from Greenland ice core records?*

10:30 Jerry Brown, *Recent Developments in International Permafrost Science*

10:45 Tingjun Zhang, University of, *Inter-Decadal Variations of Freeze/Thaw Cycles of Soils Using Satellite Passive Microwave Remote Sensing Data*

11:00 Mark Parsons, University of Colorado, *New Developments at the Frozen Ground Data Center*

11:15 Laurence C. Smith, University of California-Los Angeles, *"West Siberian peatlands: A major carbon sink and global methane source since the early Holocene"*

4238. A Critical Geography of Neighborhood Effects II: Opportunity Structures for Health & Well-Being (Sponsored by Medical Geography Specialty Group)

Room: *Gold* (Paper Session)

ORGANIZER(S): James Dunn, University of Toronto

CHAIR(S): Michael V. Hayes, Simon Fraser University

10:00 Ms. Stephanie Coen, McGill University, *Exploring a material basis for neighbourhood health effects: characteristics of parks in Montreal neighbourhoods with contrasting health outcomes*

10:20 Prof. Mark DANIEL, *Links between (un)healthy food availability and socio-demographic characteristics of Montreal neighbourhoods*

10:40 Richard H. Glazier, St. Michael's Hospital, *Opportunities for diabetes prevention and control in urban neighbourhoods: Conceptual and measurement issues*

11:00 Robin Kearns, *Neighbourhood characteristics and the well-being of children: insights from Auckland, New Zealand*

11:20 Ms. Dana Wilson, *Opportunities for Risky Behaviour at the Neighbourhood-Level: Exploring Local Geographies of Youth Gambling in Montreal, Quebec*

4239. Gender, Space and Technology I: Work Emphasis (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: *Century* (Paper Session)

ORGANIZER(S): Kate Boyer, Rensselaer Polytechnic Institute; Kim England

CHAIR(S): Kate Boyer, Rensselaer Polytechnic Institute

10:00 Kate Boyer, Rensselaer Polytechnic Institute, *'Org-woman': the social construction of gender in the IT workplace*

10:09 Kim England, 'Org-woman': *the social construction of gender in the IT workplace*

10:19 Reena Patel, *Gender and Mobility: Case Study of Call Centers in Mumbai, India*

10:39 Parvati Raghuram, *Women in a hypermobile landscape : Indian migrants in the IT sector*

10:59 Anne Bonds, University Of Washington, *Calling on Femininity? The gendering of call center workers and workplaces*

11:19 Saraswati Raju, Carlton University, *Globalized Contexts, Local Predicaments: Urban Labour Market and Gendered Discourses in Urban India*

Discussant(s): Kim England

4240. Teaching Canada in a North American Context (Sponsored by Canadian Studies Specialty Group)

Room: *Spruce* (Panel Session)

ORGANIZER(S): Susan Lucas, Edinboro University of Pennsylvania

CHAIR(S): Peter H. Meserve, Fresno City College

Panelists: Peter H. Meserve, Fresno City College; Thomas A. Rumney, State Univ of New York; Soren Larsen, Georgia Southern University; Heather Nicol; Mary M. Graham, York College of Pennsylvania

4241. The Political Economies of Inward Investment II: FDI and economic restructuring (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group)

Room: *Denver* (Paper Session)

ORGANIZER(S): Andrew Wood, University of Oklahoma; Nicholas A. Phelps

CHAIR(S): Andrew Wood, University of Oklahoma

10:00 Terutomoto Ozawa, Colorado State University, *Inward Investment as an Agent of Institutional Change: Recent Japanese Experience*

10:20 Keith Chapman, University of Aberdeen, *Changing ownership and changing places: mergers/acquisitions and globalisation*

10:40 Stuart Dawley, CURDS, University of Newcastle, *Understanding the Ebb and Flow of High-Technology Inward Investment and Disinvestment within Host Region Economies: a multi-scalar institutional approach*

11:00 Proinnsias Breathnach, *The political economy of the transition from the poor to the rich periphery: exploring the nature of the Celtic Tiger*

Discussant(s): Henry WC Yeung, National University of Singapore

4243. Geography of Wine III (Sponsored by Wine Specialty Group)

Room: *Beverly* (Paper Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown University Of Pennsylvania

CHAIR(S): Greg Jones, Southern Oregon University

10:00 Robert P. Sechrist, Indiana University of Pennsylvania, *Destination of Imported Wine in Pennsylvania, 2000-2002*

10:20 Barbara Carmichael, Wilfrid Laurier, *The Wine Tourism Experience in the Niagara Region, Ontario, Canada*

10:40 Denyse Lemaire, Rowan University, *Micro-Wineries in New Jersey*

11:00 Doug Casky, Colorado Wine Industry Board, *Geography of Colorado Wineries*

Discussant(s): Tony Shaw, Brock University; Mr. John Boyer, Virginia Tech

4244. Latin American Communities and Development

Room: *Biltmore* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sarah Moseley, George Washington University

10:00 John Baldrige, University of Arizona, *Collapse, Cooperation, and Community: Is Argentina the next Mondragón?*

10:20 GABRIELA CASTANEDA, *The Payoff from Financial Services to Poor Women*

10:40 Nilson Cortez Crocia de Barros, Universidade Federal de Pernambuco, *Land holding pattern and tourism evolution in developing region*

11:00 Sarah Moseley, George Washington University, *¡Viva Zapata! Microfinance? Analyzing a popular development scheme's impact in rural Mexico.*

11:20 Odeibler Santo Guidugli, University Of State Of Sao Paulo, *Population and Aging in the Small Municipalities of the State of São Paulo: Socio-spatial Questions and Quality of Life*

4245. China: Perception, Identity, and Politics

Room: *Captiol* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christopher L. Salter, PWA Architects

10:00 Daniel Pomerleau, Clark University, *When Persecution Meets Principle: The Chinese Communist Party, Human Rights, and Falun Gong*

10:20 Ms. Yu Luo, University Of Colorado at Boulder, *Piecing together a shattered mirror: Jiangxi's search for a new identity in transition*

10:40 Brian Hammer, University of Washington, *Cultural Politics and the Transformation of 1990s Shanghai*

11:00 Christopher L. Salter, PWA Architects, *The Myths of China*

11:20 Holly Barcus, Morehead State University, *Mongolia in the 21st Century: An Assessment of Population Change and Distribution*

4246. Exurbia, Sprawl, and the Ideology of Nature (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: *Columbine* (Paper Session)

ORGANIZER(S): Valentine Cadieux, University of Toronto

CHAIR(S): Valentine Cadieux, University of Toronto

10:00 Paul Jackson, York University, *The Nature of Labour: How Farmers Position Land in Exurbia*

10:20 Mr. James Young, York University, *On Conservation Discourse and Aggregates: The Case of the Oak Ridges Moraine, Ontario, Canada*

10:40 Nik Luka, University of Toronto, *A different kind of urban wilderness: sojourns amidst nature in central Ontario cottage country*

11:00 Ms. Laura Taylor, University of Toronto, *Exurban Geographies: Literature Review, Approach and Methodology*

11:20 Valentine Cadieux, University of Toronto, *Political Ecologies of Exurbia: Tales from the Edge*

4247. The Politics of Democracy in the “Global South” (Session 2) (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group, Latin America Specialty Group)

Room: Terrace (Paper Session)

ORGANIZER(S): Patricia M. Martin, Vassar College; Chris Sneddon, Dartmouth College

CHAIR(S): Patricia M. Martin, Vassar College

10:00 Veronica Crossa, The Ohio State University, *Entrepreneurial Urban Governance and Practices of Power: Renegotiating the Plaza in Mexico City*

10:20 Takashi Yamazaki, Osaka City University, *A South in the North: the Politics of Democracy in Okinawa, Japan*

10:40 Manoela Guidorizzi Borges, University Of Colorado, *Constructing the Brazilian Citizen: Housing Policy and the Urban Poor*

11:00 Raju J. Das, York University, *Radical Social Movements, Development, and the State: Investigating Indian Naxalites*

Discussant(s): Thomas A. Perreault, Syracuse University

4248. Transportation and Urban Sprawl (Part II) (Sponsored by Transportation Geography Specialty Group)

Room: Savoy (Paper Session)

ORGANIZER(S): Joe Weber, University Of Alabama; Prof. Selima Sultana, University of North Carolina-Greensboro

CHAIR(S): Joe Weber, University Of Alabama

10:00 Wook Lee, Ohio State University, *A disaggregate analysis on accessibility and jobs-housing balance of Ohio counties 1990-2000*

10:10 Morton E. O’Kelly, Ohio State University, *A disaggregate analysis on accessibility and jobs-housing balance of Ohio counties 1990-2000*

10:20 Ronald Buliung, McMaster University Centre for Spatial Analysis, *Household Activity-Travel Response to Regional Polycentrism*

10:40 Mark W. Horner, Florida State University, *Commuting, Land Use and Urban Spatial Change*

11:00 Prof. Pascale Joassart-Marcell, University of Massachusetts, *The Geography of Rental Assistance Programs and Access to Employment Opportunities in Southern California*

4249. Nystrom Awards 2

Room: Majestic Ballroom (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard D. Wright, San Diego State University

10:00 Christy Jocoy, California State University - Long Beach, *The Social and Spatial Contexts of Corporate Learning: Practices for Balancing Diverse and Shared Knowledges*

10:15 Gareth E John, Gustavus Adolphus College, *Yellowstone: Tracing the Contours of a Landscape Idea*

10:30 Korine Kolivras, Virginia Tech, *Mosquito habitat and dengue risk potential in Hawaii: A conceptual framework and GIS application*

10:45 Lynn Resler, Virginia Polytechnic Institute & State University, *The Role of Surface Geomorphic Features in Linking Scale at Alpine Treeline*
 Discussant(s): Janice Monk, Department of Geography and Regional Development

4250. Visualization II: ToolKits and Design (Sponsored by Cartography Specialty Group)

Room: Vail (Paper Session)

ORGANIZER(S): Amy Lobben, University of Oregon; Robert M. Edsall, Arizona State University

CHAIR(S): Robert M. Edsall, Arizona State University

10:00 Terry A. Slocum, University Of Kansas, *The GeoWall and its Potential for Geographic Education*

10:20 Ms. Ke Liao, *Visualization of Long-term Temporal Data*

10:40 Tanuka Bhowmick, Penn State University, *A Visual Analysis Framework for Qualitative Methodologies*

11:00 Dr. Frank Hardisty, University of South Carolina, *Combining the GeoViz Toolkit with the InfoVis Toolkit*

4251. Geographical Techniques

Room: Tower Exhibit Area (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

Fei Wang, Louisiana State University, *Integrating Machine Learning and Expert System For LCLU Classification*

Mr. Derek Azar, *Knowledge Based Ground Level Ozone Monitoring*

Ryan R. Jensen, Indiana State University, *Estimating Urban Leaf Area Using Field Measurements and Satellite Remote Sensing Data*

Michael Myers, Oklahoma State University, *A Low-Cost Strategy for GPS/GIS that Meets Federal Reporting Standards*

Shannon Franks, University Of Maryland - College Park, *How many bits are necessary to obtain biomass information using satellite system remote sensing? A comparison of radiometric resolutions*

Mr. Wei Liang, Louisiana State University, *The computer simulation system of the multi-person disaster evacuation behavior*

Jane Heath, *Evaluation of Two Satellite Imagery Classification Methods for Determining Total Suspended Solids Within a Watershed*

Susan M. Berta, Indiana State University, *Exploration of Remote Sensing Applications for Reservoir Monitoring in Northeastern Morocco*

Tingting Zhao, University of Michigan, *Scales of Land-Cover and Disturbance in Siberian Russia: Landscapes Identified at Landsat and MODIS Resolutions*

Ming-Chih Hung, Northwest Missouri State University, *TM Imagery for Urban Environmental Modeling*

Christiane Von Reichert, University Of Montana, *Migration Histories as Time-Space Paths*

Ms. Alexandra Bozheva, *The Effect of Spatial Resolution and Classification Accuracy of Remotely Sensed Data in Dasyetric Mapping*

Devon Disrude, *The Hinterlands of Professional Football in the United States*

- Elaine Mariolle, University of Arizona, *Towards a Participatory GIS: Development of a Community GeoBase in Santa Cruz County, AZ*
- Ms. Sarah Wanless, *Integrated Precision Digital Mapping of the Harbor Island Fault, Muscongus Bay, Maine*
- Robert Adamski, *Developing and Maintaining an Enterprise GIS: A in-depth look at the Long Island - GIS.*
- Adam Hale-Hernandez, *Cartogram Construction and Thematic Geovisualization of Military Casualties in Iraq and Afghanistan*
- Jessica Jayne Dobrowolski, US Census Bureau, *Simplifying the Shape of the Nation*
- Mr. Michael LeMoine, *The Cultural Atlas of Wisconsin: A Prototype*
- Denise Behrens, *The Lost Constellations of European Celestial Cartography*
- Stephanie Deitrick, *Selections From An Atlas Of Contemporary Arizona*
- Carol A. Gersmehl, Hunter College, *Spatial Questions Guide Purposeful Use of GIS Procedures and Data*
- Allen Finchum, Oklahoma State University, *Defining the Vernacular: Using Online Data and GIS to Delineate the Modern Region*
- Robert Hickey, Central Washington University, *Maps and Geography: 50 Years of Cartography in the Annals*
- Jennifer Freeland, Department of Geography and Anthropology University of Wisconsin Eau Claire, *Reconstructing the Precontact Chippewa River Valley: Landscape Reconstruction Using GIS and GLO Township Surveys*
- Michael Othitis, *Effects of Urbanization on Stream Channel Morphology: Stillwater Creek, Oklahoma*
- Michael L. Jerrett, *Spatial Analysis of Air Pollution and Mortality in Los Angeles*
- Meagan B. Armstrong, Oklahoma State University, *Satellite Comparison for Riparian Corridor Analysis*
- Frederick P. Stutz, San Diego State University, *Activity-Based Urban Traveler Utility Estimation*

12:00 p.m. - 1:40 p.m.

4301. Lonely Geographers: Split Appointments (Sponsored by Geography Education Specialty Group)

Room: *Plaza Court 1* (Panel Session)

ORGANIZER(S): Bruce L. Seivertson, Imperial Valley College

CHAIR(S): Bruce L. Seivertson, Imperial Valley College

Panelists: Diana Casey, Muskegon Community College; Michael L. Dorn, Temple University; Judith Dykes-Hoffmann, Texas Lutheran University; James W. Harris, US Air Force Academy; Bruce L. Seivertson, Imperial Valley College; Paul R. Larson, Southern Utah University

4302. New Geographies of Political Ecology III: Political subjects and environmental discourse

Room: *Plaza Court 2* (Paper Session)

ORGANIZER(S): Gregory Simon, University of Washington; Dawn Day Biehler, University of Wisconsin

CHAIR(S): Gregory Simon, University of Washington

- 12:00** Andrea Nightingale, University of Edinburgh, *Fishing, Livelihoods and Everyday Political Protest: the political ecology of fisheries management*
- 12:20** Robin A. Lewis, Miami University, *The politics of sustainability: A case study of forestry discourses in Malaysia*
- 12:40** Betsy A. Beymer, *Women's Material Practices and the Politics of Access and Control in the Sagara Community Forest, Tanzania*
- 1:00** Ms. Pamela Richardson, Student, *Linking tourism and agriculture in Barbados: the political Nature of new agro-ecologies*

4303. Hurricanes III: Landfalling Hurricanes and Societal Impacts (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Hazards Specialty Group)

Room: Plaza Court 3 (Paper Session)

- ORGANIZER(S): Kam-Biu Liu, Louisiana State University
 CHAIR(S): Kam-Biu Liu, Louisiana State University
- 12:00** Corene Matyas, Ohio University, *A Set of Shape Measures to Track Changes in the Precipitation Patterns of Landfalling Tropical Cyclones*
- 12:20** Jay Baker, Florida State, *Evacuation in Hurricane Isabel*
- 12:40** Tom Schmidlin, Kent State University, *Loss of life from tropical cyclones in the Caribbean, 1950-2004*
- 1:00** David M. Brommer, Arizona State University, *A Damage Analysis of, and Comparison Between Two Hurricanes Striking a Small Bahamian Island*
- 1:20** Valerie Meola, *Landfalling Hurricanes affecting the eastern United States*

4304. Teaching in the Field - Designing Geographically Meaningful Field Trips (Sponsored by AAG Commission on College Geography)

Room: Plaza Court 4 (Panel Session)

- ORGANIZER(S): Jennifer Speights-Binet, University of Houston, Clear Lake; Jeffrey W. Lash, University of Houston Clear Lake
- CHAIR(S): Jennifer Speights-Binet, University of Houston, Clear Lake
- Panelists: Craig Colten, Louisiana State University; Kenneth E. Foote, University of Colorado; Jeffrey W. Lash, University of Houston Clear Lake; Lydia M. Pulsipher, University of Tennessee; Jeffrey B. Roet, Texas Christian University; Betty Elaine Smith, Eastern Illinois University

4305. Changing Livelihoods in Africa: Development and Planning Implications (Sponsored by Economic Geography Specialty Group, Africa Specialty Group)

Room: Plaza Court 5 (Paper Session)

- ORGANIZER(S): Francis Owusu, Iowa State University
 CHAIR(S): Francis Owusu, Iowa State University
- 12:00** Jennifer L. Mandel, University of Miami, *Trade Secrets: Women's Micro-Enterprises and Information Asymmetries in Porto Novo, Benin*
- 12:20** Molly E. Brown, Science Systems and Applications, *Assessing Natural Resource Management and Livelihood Challenges in Senegal using Participatory Rural Appraisal and Remote Sensing*

12:40 Francis Owusu, Iowa State University, *Multiple Livelihood Strategies in African Cities: Implications For Planning And Development*

1:00 Pr Kobena Hanson, West Virginia University, *Viable Strategies or Contested Livelihoods? Commodification of the Traditional Compound Dwelling Space in West Africa: Perspectives from Koforidua, Ghana.*

Discussant(s): Kendra McSweeney, The Ohio State University

4306. Tourism Development and Second Home Ownership in an Expanding 'New Europe' (Sponsored by Recreation, Tourism, and Sport Specialty Group, European Specialty Group)

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Rudi Hartmann, University of Colorado

CHAIR(S): Rudi Hartmann, University of Colorado

12:00 Helmut Wachowiak, *The Cultural heritage of the Hanseatic League as an approach to tourism development of the Baltic Sea Region*

12:20 Peter Thuy, *Low Cost Market development and tourism in Eastern Europe*

12:40 Prof. Monika Rulle, *Changes in Health Tourism in Europe*

1:00 Prof. Kristine Zamastil, *International Education*

Discussant(s): Anton Gosar, Faculty of Humanities Koper, University of Primorska

4307. Agricultural Change and Issues (Sponsored by Rural Geography Specialty Group)

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Lisa Butler Harrington, Kansas State University

CHAIR(S): Leslie A. Duram, Southern Illinois University

12:00 Meredith Redlin, South Dakota State University, *Sustainability and Anchoring: Alternative Farmers in the Northern Great Plains and France*

12:20 Philippe Waterinckx, University of Arizona, *Constructions of Agroecological Knowledge: Alternative Farming in Arizona.*

12:40 Prof. Ben Bradshaw, University of Guelph, *Ensuring the environmentally safe use of agricultural biotechnology: the role of farmers*

1:00 John A. Cross, University of Wisconsin-Oshkosh, *Restructuring of America's Dairy Farms*

1:20 Lisa Butler Harrington, Kansas State University, *Expansion of Dairying in Southwestern Kansas*

4308. Towards a New Radical Geography: Voices from the Bristol SIEG (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Plaza Court 8 (Panel Session)

ORGANIZER(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill

CHAIR(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill

Panelists: Jamey Essex, Syracuse University; Thomas Ponniah, Clark University; Dominic Corva; Nik Heynen, University Of Wisconsin at Milwaukee

4309. Global Gentrification

Room: *Governor's Square 9* (Paper Session)

ORGANIZER(S): Darren Paul Smith, University Of Brighton; Tim Butler, Kings College London

CHAIR(S): Louise Holt, Brighton University

12:00 Darren Paul Smith, University Of Brighton, *The "S" word of gentrification: studentification and the post-industrial city*

12:20 Richard Webber, *The metropolitan habitus: its manifestations, locations and consumption profiles*

12:40 Tim Butler, Kings College London, *Gentrification and the making of a world city region*

1:00 Martin Boddy, *Designer neighbourhoods: developer-led re-urbanisation in the UK*

1:20 Mark Davidson, King's College London, *New-build gentrification: global narratives*

4310. Fluvial Geomorphology III (Sponsored by Geomorphology Specialty Group)

Room: *Governor's Square 10* (Paper Session)

ORGANIZER(S): Michael Slattery, Texas Christian University

CHAIR(S): Michael Slattery, Texas Christian University

12:00 Inci Guneralp, *A New Methodology To Advance The Understanding Of The Spatial Structure Of The Planform Dynamics Of Meandering Rivers*

12:20 Robert T. Pavlowsky, Southwest Missouri State University, *Within-reach variability of Ozark stream morphology*

12:40 Gregory Vandeberg, University Of North Dakota, *Modeling of Heavy Metal Distribution in an Intermontane Gravel Bed Stream*

1:00 Mr. Augustine Avwunudiogba, University of Texas, *Soil erosion in response to traditional slash-and-burn agriculture in the Sierra Madre Oriental, eastern Mexico*

4311. Geographies of Financial Globalisation: Theory and Practice II - Financial Centres (Sponsored by Economic Geography Specialty Group)

Room: *Governor's Square 11* (Paper Session)

ORGANIZER(S): Michael Hermann Grote, Goethe-University Frankfurt; Dariusz Wojcik, University of Oxford

CHAIR(S): Michael Hermann Grote, Goethe-University Frankfurt

12:00 Ewald Engelen, *Is the decline of the Amsterdam financial center cyclical or structural?*

12:18 Hongmian Gong, Hunter College, *Amid Globalization and Terrorism: Location Analysis of Financial Services in New York*

12:36 Kevin Keenan, Clark University, *Locational Decisions and Perceptions Among Financial Services Executives: A Changed Perspective after 9/11?*

12:54 Ian Gordon, London School of Economics, *Off-shoring of Work and the Sustainability of London as an International Financial Center*

Discussant(s): James Derrick Sidaway, National University Of Singapore

4312. AAG Diversity Task Force: Goals and Work (Sponsored by Population Specialty Group, Geographic Perspectives on Women Specialty Group, Ethnic Geography Specialty Group)

Room: Governor's Square 12 (Panel Session)

ORGANIZER(S): Lawrence E. Estaville, Jr, Texas State University - San Marcos

CHAIR(S): Lawrence E. Estaville, Jr, Texas State University - San Marcos

Panelists: Lawrence E. Estaville, Jr, Texas State University - San Marcos; Joe T. Darden, Michigan State University; Victoria A. Lawson, University Of Washington; Ines M. Miyares, Hunter College; Catherine Souch, Indiana University; Patricia Solis, Association Of American Geographers; Samuel Aryeetey-Attoh, University Of Toledo

4314. Geographical Dimensions of the New Middle East II (Sponsored by The Geographical Review)

Room: Governor's Square 14 (Paper Session)

ORGANIZER(S): Dona J. Stewart, Georgia State University

CHAIR(S): Dona J. Stewart, Georgia State University

12:00 Murat Arsel, *Turkey: Role model or warning sign?*

12:20 Carl Thor Dahlman, University of South Carolina, *The Artificial State and its Other: State-Building in Bosnia and Iraq*

12:40 Kyle T. Evered, Illinois State University, *Regionalism in the Middle East and the case of Turkey*

1:00 Colbert C. Held, Part-Time at Baylor University, *Middle East Power Cores Revisited*

Discussant(s): David Newman, Ben-Gurion Univ

4315. Borders, bodies and biometrics: part one. (Sponsored by Cultural Geography Specialty Group)

Room: Governor's Square 15 (Paper Session)

ORGANIZER(S): Joanne F Maddern, University Of Dundee; Mr. Gareth C. Hoskins, University of Wales, Aberystwy

CHAIR(S): Joanne F Maddern, University Of Dundee

Introduction: Joanne F Maddern, University Of Dundee

12:10 Robert Kitchin, National University Of Ireland, *From A to B but only if C: Air travel and the banal geographies of control creep*

12:30 Mr. Kevin Walby, *Risky Spaces, Algorithms, and Signifiers: Disappearing Bodies and the Prevalence of Racialization in Urban Camera Surveillance*

12:50 Peter Adey, University Of Wales, Aberystwyth, *Airport Affection: bodies, motion, feeling*

1:10 Elizabeth Lee, University of British Columbia, *U.S. Prisons and Beyond—Torture, Militarism and the Racial State*

Discussant(s): Michael R. Curry, University Of California, Los Angeles

4316. Migration and Inter-Ethnic/Cultural Relations

Room: Governor's Square 16 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Amanda Coleman, University of Oregon

12:00 Mr. John Clayton, University Of Durham, *Inter-cultural relations in the multicultural city*

12:20 Samuel Yeboah, *Socialization and Identity of Ghanaian Second-generation Immigrants*

12:40 Badrinarayana Lakkur, *Studying the Asian Indian Population of Cuyahoga County, Ohio*

1:00 Amanda Coleman, University of Oregon, *Labor, Lens and Landscape: Representations of Agricultural Workers in the Depression-Era South*

4317. Building a Geography Career: Academia and Beyond

Room: Governor's Square 17 (Panel Session)

ORGANIZER(S): Mr. Nicholas Jacquez

CHAIR(S): Mr. Nicholas Jacquez

Introduction: Mr. Nicholas Jacquez

Panelists: Jasper Rubin, San Francisco Planning Department; Jeanette I. Rice, Crescent Real Estate Equities, Ltd.; Brian Brodeur, Massachusetts Department of Environmental Protection

4318. Geographies of Media 3: Performance (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)

Room: Plaza Ballroom A (Paper Session)

ORGANIZER(S): James Craine, San Diego State University; Chris Lukinbeal, Arizona State University - Department of Geography

CHAIR(S): Edward L. Jackiewicz, California State University - Northridge

12:00 Ola Johansson, University Of Pittsburgh at Johnstown, *Birth of the Cool: Modern Rock, Local Music Scenes, and the Ephemeral Nature of Global Popular Culture*

12:20 Tamar Y. Rothenberg, *From Around the Way to the Global-I: Developing Perspectives on Geography in Youth Media*

12:40 Katrinka C. Somdahl, University of Texas at Austin, *Dancing on the Web: a sense of place/ a politics of space*

1:00 Prof. Jules Boykoff, Whitman College, *Landscapes of Dissent: Guerrilla Poetry and the Politicization of Public Space*

1:20 Robert Russell, University of Iowa, *The Real World, Chicago: Or, Crossing Between the Virtual and Local: Alternative Country Music and Community in Chicago*

4319. Immigrants and Refugees in Multicultural Cities - U.K. and U.S.A. (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Carlos Teixeira, Okanagan University College

CHAIR(S):

12:00 Stavros T. Constantinou, Ohio State University, *Spatio-temporal Changes in the Greek Orthodox Parishes in the United States*

12:20 Thomas D. Boswell, University of Miami, *Spatial Aspects of West Indian Immigration to the United States*

12:40 Monika Stodolska, University of Illinois at Urbana-Champaign, *Inter and intra-group differences in ethnic enclosure in labor markets and in social networks among first generation Korean and Polish immigrants*

1:00 Christopher Moore, *The Exodus of German Academics to the United States*

1:20 Ruth Louise Healey, University of Sheffield, *Asylum seekers and refugees: a structuration theory analysis of their experiences in the UK*

4320. Public Policy, Planning, and Indigenous Peoples

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Thomas M. Whitmore, Univ of North Carolina

12:00 Keisuke Enokido, University Of British Columbia, *"The Planning Implications of the Politics of Cultural Difference: The Case of Okinawa, 1995-2000"*

12:20 Naohiro Nakamura, Queen's University, *Managing cultural representation of aboriginal peoples: A comparison of museum activities in Nibutani Ainu Culture Museum, Japan and Woodland Cultural Centre, Canada*

12:40 Kerry Lyste, *The Western Skin and a Native American GIS Database*

1:00 Jamie Pearce, University Of Canterbury, *Does social inequality matter? Changing ethnic socio-economic disparities and Maori smoking in New Zealand, 1981-96*

1:20 Thomas M. Whitmore, Univ of North Carolina, *Reconstructing the Impact of Tribute on Domestic Economy in the Colonial Colca Valley, Peru*

4321. Focus on India: Politics, Land Use, Eco-management, and Security

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Graham Chapman

12:00 RAJIV THAKUR, *Five Decades of Shifts in Slum Upgrading Policy of India*

12:20 Shrinidhi S. Ambinakudige, Florida State University, *Local livelihoods and the global market: Political economy of coffee and peasants in India*

12:40 Rajyashree Narayanareddy, University Of Minnesota - Minneapolis, *Production of eco-knowledge: toxic waste management in Bangalore, South India.*

1:00 Prof. Graham Chapman, *India in Asia: the traditional and new security agendas*

4322. Historic Preservation and Urban Change*Room: Plaza Ballroom E (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Laurel J. Hummel

12:00 Jacob Wagner, St. Cloud State University, Dept. of Community Studies, *Race, Memory, and Historic Preservation in New Orleans***12:20** Mr. Manabu Inoue, Ritsumeikan University, *Restoration of the historical Kyoto using cadastral map 1912-Constructing of the spatial base data using GIS-***12:40** Tony Sparks, University Of Washington, *Invading Spaces: The construction of the homeless body in Seattle's Tent City***1:00** Muhammet Osmanoglu, The University Of Akron, *The Historical Geography of Istanbul from a Development Perspective:***1:20** Laurel J. Hummel, *The US Military as Geographic Agent: An Historical Look at Alaska***4323. Transportation Modeling and GIS***Room: Plaza Ballroom F (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): William P. Anderson, Boston University

12:00 Kingsley E. Haynes, George Mason University, *Traffic Grammar and Algorithmic Complexity in Urban Freeway Flow Patterns***12:20** Li Zhijie, Geography, HKU, *Expert System Rules for the Classification of Road Intersections and Turns in Hong Kong***12:40** Gunhak Lee, *The analysis of spatial patterns of traffic accidents using GIS and spatial data mining: a case study of Kangnam-gu in Seoul, Korea***1:00** Mr. Patrick Michael, *Using Design Patterns to define Epistemological Framework for Collaborative Geospatial Activities***1:20** William P. Anderson, Boston University, *Modeling Transportation and Emissions in Mexico City***4324. Geosystems, Ecosystems and Wildfires 3: Remote Sensing Applications to Fire Hazard and Effects Assessment (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Remote Sensing Specialty Group)***Room: Director's Row E (Paper Session)*

ORGANIZER(S): Stephen Yool, University of Arizona

CHAIR(S): Stephen Yool, University of Arizona

12:00 John Rogan, Clark University, *Mapping Wildfire Disturbances in Southern California Using Machine Learning Algorithms***12:20** Dar Roberts, University Of California, *Fine spatial, spectral and temporal characterization of the land surface through the integrated analysis of imaging spectrometry and coarser resolution broad band data***12:40** Andrew Hudak, USDA Forest Service, *Relationships between field and remotely sensed indicators of burn severity*

- 1:00 Philip L. Keating, Indiana University, *Using Geographic Information Processing and Field Work to Characterize the Ponil Complex Fire, northern New Mexico*
- 1:20 Stephen Yool, University of Arizona, *Indexing Biophysical Drivers of Wildfire Hazard*

4325. Environmental Knowledge in Latin America

Room: *Director's Row F* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Margath A. Walker, University Of Kentucky

12:00 Ms. Maya Manzi, *Peasant Adaptation to Environmental Change in the Peruvian Amazon: Livelihood Responses in an Amerindian and a non-Amerindian Community.*

12:20 Steven Rainey, McNeese State University, *Ethnoecology and folk soil knowledge in the Guatemalan highlands.*

12:40 Jessica J. Kelly, Rutgers University, *Growing to Trust, Trusting to Grow: Community Dynamics of Afforestation in Post-Conflict El Salvador*

1:00 Clinton Beckford, University of Windsor, *Indigenous knowledge and sustainable agriculture in the Caribbean: Jamaican examples*

1:20 Margath A. Walker, University Of Kentucky, *Space, Power and Strategy: An Example from Chimalapas, Oaxaca*

4327. Resource Management in the Aboriginal North (Sponsored by Canadian Studies Specialty Group, Indigenous Peoples Specialty Group)

Room: *Director's Row H* (Paper Session)

ORGANIZER(S): Soren Larsen, Georgia Southern University

CHAIR(S): Soren Larsen, Georgia Southern University

12:00 Julia Christensen, University Of Calgary, *Traditional Knowledge, Political Change, and Local Participation in Resource Management in the Northwest Territories, Canada*

12:20 Chie Sakakibara, University of Oklahoma, *People of the Whales: Sustaining Alaska Native Identity through the Inviting-In Feast*

12:40 Michael Ripmeester, Brock University, *Gathering Rice, Managing Tourists, and Emplacing Heritage: Mississaugan Autoethnography and Landscape Management Strategies.*

1:00 Soren Larsen, Georgia Southern University, *Local Politics and Indigenous Resource-Management Programs*

1:20 Suzanne Mills, University of Saskatchewan, *Discourses of diversity and competition: intersections of the global and local in the experiences of Aboriginal and non-Aboriginal women working in forest mills.*

4330. Piers Blaikie's Life Work: Political Ecology and Development Studies [Session 1]

Room: *Tower Court A* (Panel Session)

ORGANIZER(S): Joshua S.S. Muldavin, Sarah Lawrence College; Roger Alex Clapp, Simon Fraser University

CHAIR(S): Joshua S.S. Muldavin, Sarah Lawrence College

Introduction: Joshua S.S. Muldavin, Sarah Lawrence College
 Discussant(s): Piers Blaikie, University of East Anglia
 Panelists: Terry Cannon; David Simon, University Of London; Richard Peet, Clark University; Michael K Goodman, King's College London

4331. Multidimensional marine GIS and more (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group)

Room: Tower Court B (Paper Session)

ORGANIZER(S): Tiffany C. Vance, Oregon State University/NOAA; Diane P. Horn, Birkbeck College, University of London

CHAIR(S): Tiffany C. Vance, Oregon State University/NOAA

Introduction: Tiffany C. Vance, Oregon State University/NOAA

12:00 Lawrence R. Handley, United States Geological Survey, *A Concept Plan for the Development of a National Shoreline Layer for The National Map*

12:20 Jennifer L. Rahn, Baylor University, *The Physical and Cultural Coastal Geography of Dominica, West Indies: Small Volcanic Island Coastal Problems and Management*

12:40 Wayne N. Engstrom, California State University, *Sediment Supply to Southern California Beaches in the Late Nineteenth Century*

1:00 Tiffany C. Vance, Oregon State University/NOAA, *Creation of a Java and GIS-based tool for oceanographic analysis*

1:20 Laura Kracker, NOAA National Ocean Service, *Spatial Data and Analysis Tools for Defining the Aquatic Landscape*

4332. Perspectives on Geographic Complexity III: Land and society (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Steven M. Manson, University Of Minnesota; Paul Torrens, University of Utah

CHAIR(S): Dawn C. Parker, George Mason University

12:00 Marco Huigen, Institute for Environmental Sciences, Leiden (CML), *A spatially and temporally explicit agent-based simulation of Philippine farm household- and collective decision-making processes using the MameLuke policy-scenarios model*

12:20 Mr. Koen Overmars, Institute of Environmental Sciences (CML), Leiden University, Netherlands, *Using an actor-based framework in a spatially explicit land use model (CLUE)*

12:40 Peter J. Deadman, University of Waterloo, *Comparing models of agent decision making with patterns of land use change in LUCITA: A simulation of the Altamira region, Brazil.*

1:00 Tom Evans, Indiana University, *Spatial Decision-Making, Heterogeneity, and Agent-based Models of Landcover Change*

1:20 David A. Bennett, University Of Iowa, *Modeling Complex Trophic Relations among Elk, Wolves, and Humans in the Greater Yellowstone Ecosystem*

4333. Urban Constructions

Room: *Tower Court D* (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Laurie Garo, Univ of North Carolina

12:00 Brian A. Mikelbank, Cleveland State University, *Can You Spot the Central City? Analysis of the Decreasing Distinctiveness of the Urban Core*

12:05 Raymond Watts, United States Geological Survey, *Distance from nearest road as an indicator of human activity*

12:10 Rand Yudelevitch, *The Los Angeles Orange Line Busway - Can You Smell the Fumes?*

12:15 Mr. Ahmed Saad, San Diego State University, *Urban Constructions: Relating Citizenship and Landscape in San Diego*

12:20 Ms. Adriana Abdenur, Princeton University, *Economic Restructuring and Urban Segregation in Rio de Janeiro*

12:25 Tom L. Martinson, Auburn University, *Two Variations on Soja's "The Aleph"*

12:30 Laurie Garo, Univ of North Carolina, *Where Have All the Children Gone.....?*

4334. Conservation Planning

Room: *Grand Ballroom 1* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Patricia A. Williams, University of Montana

12:00 John A. Gallo, *Can the Mapping of Uncertainty Solve the Conflict between PPGIS and Conservation Planning?*

12:20 Susan L. Simpson, University of Arizona, *Incidence and perception of urban human/wildlife conflicts during drought*

12:40 Christine Lam, University of Southern California, *Analysis of Butterfly Survey Data and Methodology from San Bruno Mountain Habitat Conservation Plan (1982-2000)*

1:00 Ms. Jennifer J. Bulmanski, University Of Memphis, *Climate Preferences of the Cerulean Warbler*

1:20 Patricia A. Williams, University of Montana, *A GIS Evaluation of the Potential Range of the Snow Leopard*

4335. Pollution in Streams and Watersheds

Room: *Grand Ballroom 2* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Narumon Wiangwang, Michigan State University

12:00 Mr. Shu Piu William Kong, *The sediment load, carbon and nitrogen content in a small Hong Kong upland stream*

12:20 Hubert Senyah, Miami University, *Comparing trends of nitrogen and phosphorus in an urbanized and agricultural watershed: The case of the Cuyahoga and Maumee Rivers*

12:40 Ms. Narumon Wiangwang, Michigan State University, *Simulation of Lake Nitrogen, Phosphorus and Sediment Levels based on Land Use/Land Cover Type and Pattern*

4336. Responding to Climate Change I: Governance and Social Action (Sponsored by Human Dimensions of Global Change Specialty Group)

Room: *Colorado* (Paper Session)

ORGANIZER(S): Harriet Bulkeley, University Of Durham; Susanne Moser, National Center for Atmospheric Research

CHAIR(S): Susanne Moser, National Center for Atmospheric Research

12:00 Harriet Bulkeley, University Of Durham, *A new politics of climate change: governance, networks and social action*

12:20 Lisa Dilling, *Toward Carbon Governance: Challenges for science and policy across scales*

12:40 Paul Baer, University of California - Berkeley, *"Rationality," ethics and the global commons: alternatives to mainstream approaches to climate policy*

1:00 Michele Betsill, Colorado State University, *Regional Governance of Global Environmental Change: Issues related to*

1:20 Sarah Mander, Tyndall Centre for Climate Change Research, *Regional Renewable Energy Policy: a process of coalition building*

4337. Climate and Cryosphere II: Ice on Land and Sea (Sponsored by Climate Specialty Group, Geomorphology Specialty Group, Cryosphere Specialty Group)

Room: *Silver* (Paper Session)

ORGANIZER(S): Frederick E. Nelson, University of Delaware; Jerry Brown

CHAIR(S): Laurence C. Smith, University of California – Los Angeles

12:00 Marilyn Raphael, University of California, *Antarctic sea-ice response to Southern Hemisphere extra-tropical zonal wave 3*

12:20 Julienne Stroeve, University of Colorado, *The Declining Arctic Sea Ice and Its Impact on Native Communities*

12:40 Bryan G. Mark, The Ohio State University, *Hydrochemical evaluation of changing glacier meltwater contribution to stream discharge, Callejon de Huaylas, Perú*

1:00 Prof. Ute Christina Herzfeld, University of Colorado, *Changes in Pine Island and Thwaites Glaciers and Questions of Stability of the West Antarctic Ice Sheet*

1:20 William Manley, University of Colorado, *Geospatial Inventory and Analysis of Glaciers: A Case Study for the Eastern Alaska Range*

4338. A Critical Geography of Neighborhood Effects III: Neighborhood Variations (Sponsored by Medical Geography Specialty Group)

Room: *Gold* (Paper Session)

ORGANIZER(S): James Dunn, University of Toronto

CHAIR(S): James Dunn, University of Toronto

12:00 Michael Buzzelli, University of British Columbia, *Contextual health effects: A Neighbourhood Cohort Approach*

12:20 Michael V. Hayes, Simon Fraser University, *Disparities in Health Status in Vancouver BC*

12:40 Flora I. Matheson, St. Michael's Hospital, *Identifying Dimensions of Neighborhood Socio-Economic Conditions Relevant to the Prevalence of Depression in the Community*

1:00 Ms. Anneliese Poetz, McMaster University, *A Structural Equation Model of the Neighbourhood Determinants of Health*

Discussant(s): Susan J. Elliott, McMaster University

4339. Gender, Space and Technology II: Internet & Activism Emphasis (Sponsored by Qualitative Research Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Century (Paper Session)

ORGANIZER(S): Kate Boyer, Rensselaer Polytechnic Institute; Kim England

CHAIR(S): Kim England

12:00 Maria Fannin, University of Washington, *Global midwifery activism: from nation-state to virtual space*

12:19 Jennifer L. Fluri, Pennsylvania State University, *"Our Website Was Revolutionary": Technology and Transnational Activism*

12:39 Valorie Crooks, *"I go on the internet; I always, you know, check to see what's new": Women's use of cyberspace to understand fibromyalgia syndrome and negotiate doctor-patient interactions*

12:59 Ms. Tricia Seow, *Cyborg: Identity in Cyberspace*

1:19 Donna D. Rubinoff, University of Colorado, *Electronic memories developing voice: women producing and placing meaning with life histories on-line*

Discussant(s): Kate Boyer, Rensselaer Polytechnic Institute

4340. Transnational Identities/Transnationalism and the Construction of Border Narratives (Sponsored by Canadian Studies Specialty Group, Cultural Geography Specialty Group)

Room: Spruce (Paper Session)

ORGANIZER(S): Beth Schlemper, Illinois State University; Susan Lucas, Edinboro University of Pennsylvania

CHAIR(S): Randy Widdis, University Of Regina

12:00 Heather Nicol, *Transnationalism, Identity and Borders*

12:20 Susan Lucas, Edinboro University of Pennsylvania, *Still Canadian? More than Canadian? Transnational Identity Formation among Canadians Living in the United States.*

12:40 Margaret Walton-Roberts, Wilfrid Laurier University, *Gender, generation and transnational identity formation: Examining Sikh masculinities.*

1:00 Beth Schlemper, Illinois State University, *Transnational Identities and the Role of Historical Geography*

1:20 Randy Widdis, University Of Regina, *An "Interval of Resonance": The Historical Geography of the Canadian-American Borderlands, 1784-1989*

4341. The Political Economies of Inward Investment III: FDI in transition economies (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group)

Room: Denver (Paper Session)

ORGANIZER(S): Andrew Wood, University of Oklahoma; Nicholas A. Phelps

CHAIR(S): Nicholas A. Phelps

12:00 Michael J. Bradshaw, University of Leicester, *Inward Investment and Sustainable Development: The Case of Sakhalin, Russia*

12:20 Istvan Egresi, University Of Oklahoma, *The Geographical Dynamics of FDI in Eastern Europe: The Case of Romania.*

12:40 Petr Pavlinek, University Of Nebraska at Omaha, *FDI effects on the automobile industry transformation in Central and Eastern Europe*

1:00 Weidong Liu, Chinese Academy of Sciences, *Recent Foreign Direct Investments in the Automobile Assembly Sector in China*

Discussant(s): Martin H. Hess, University Of Manchester

4343. GIS Military and Security Applications

Room: Beverly (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Edwin C. Butterworth, Jr., United States Army Engineer Research & Development Center

12:00 Mr. John May, *The Historical Development of Terrestrial-Reference Missile Guidance*

12:20 Stephen L. Egbert, University of Kansas, *Evaluating a Field Tool for Creating Spatial Databases of Minefields*

12:40 Ms. Tang Qianhong, *A Knowledge-Driven Method for Critical Infrastructure Information Mining*

1:00 Alex G. Papadopoulos, DePaul University, *Security State Emerging: Geopolitical and Geotechnological shifts in the U.S. Security Doctrine.*

1:20 Mr. Edwin C. Butterworth, Jr., United States Army Engineer Research & Development Center, *Spatial and Temporal Language in Digital Military Geographic Corpus*

4344. Latin American Development and Land Use

Room: Biltmore (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey M. Young, Leica Geosystems GIS & Mapping, LLC

12:00 Alex Oberle, Arizona State University, *Latino-oriented microbusinesses and the Mexican ethnic economy in Phoenix, Arizona*

12:20 Gabriel L. Judkins, Arizona State University, *Patterns of NAFTA Induced Land-Use Change in Mexican Agriculture*

12:40 Matthew Steigman, University of Wisconsin - Madison, *Transnationalism as Development Policy?*

1:00 Dereka Rushbrook, *Ungoverned Spaces: Narcoterrorists and the Southern Command*

1:20 Jeffrey M. Young, Leica Geosystems GIS & Mapping, LLC, *Nationalizing the Pixel: the Quite Geospatial Revolution in Latin America*

4345. Chinese Cities*Room:* Captiol (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark Henderson, University of California, Davis

12:00 Jian-Yi Liu, Montana State University, *Industrial Structure of Chinese Cities: The Regional Patterns***12:20** Mr. Tao Zhao, University of Hong Kong, *Partnership in urban renewal in China's transitional cities: the case of Wuhan***12:40** Guillaume Giroir, *From gated community to private city: the case of Phoenix City (Guangzhou, China)***1:00** Ms. Zhilin Liu, Cornell University, *Market Building, State Building, and the Spatial Implications: China's Urban Housing Marketization from a Political Economy Perspective***1:20** Mark Henderson, University of California, Davis, *How big is Lhasa?***4346. Landscapes of Conflict (Sponsored by Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Geographic Perspectives on Women Specialty Group)***Room:* Columbine (Paper Session)

ORGANIZER(S): Michael K. Steinberg, Louisiana State University; Maureen Hays-Mitchell, Colgate

CHAIR(S): Michael K. Steinberg, Louisiana State University

12:00 Michael K. Steinberg, Louisiana State University, *Conflicted Memories: Victims and Victories in Post-Conflict Guatemala***12:20** Anu Sabhlok, Penn State University, *(Re)imagining the nation: Women's organizations and the politics of relief***12:40** Ellen R. Hansen, Emporia State, *Women's mobility in the conflict landscape of the US-Mexico border***1:00** Maureen Hays-Mitchell, Colgate, *Peace Does Not Exist Apart From Us, Nor Does the War: A Country of Victims and a Truth and Reconciliation Commission, The Case of Peru*

Discussant(s): Jennifer Hyndman, Simon Fraser University

4347. Islands I: Isolated Outliers or Critical Nodes of Contact? Historical and Political Perspectives (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group, Communication Geography Specialty Group)*Room:* Terrace (Paper Session)

ORGANIZER(S): Philip E. Steinberg, Florida State University; Eric Clark, Social and Economic Geography, Lund

CHAIR(S): Eric Clark, Social and Economic Geography, Lund

12:00 Kent Mathewson, Louisiana State University, *Mythical Isles and Insular Myths: Stepping Stones to Geographical Modernity***12:20** Philip E. Steinberg, Florida State University, *Islands and the Origin of the Modern State: Geohistory From the Perspective of the Portolan Chart*

12:40 Prof. John Terrell, Field Museum of Natural History, *The Making of an Island: Coastal geomorphology and New Guinea's Changing Human Role in the Southwestern Pacific*

1:00 Richard Deal, Western Kentucky University, *Devolution on Tokelau: Reconciling Traditional Structures with Contemporary Needs*

Discussant(s): W. Stuart Kirkham, University of Texas

4348. Emerging Spatial Technologies, Transportation and Social Exclusion (Sponsored by Transportation Geography Specialty Group)

Room: Savoy (Paper Session)

ORGANIZER(S): Joe Weber, University Of Alabama; Irene Casas, SUNY at Buffalo

CHAIR(S): Mark W. Horner, Florida State University

12:00 Fang Ren, The Ohio State University, *The Impact of E-Shopping on Activity-Travel Patterns*

12:20 Adam D. Sobek, *A Solution to Exclusion: A Web-Based Spatial Decision Support System for Routing Pedestrians of Differing Abilities in Built Environments*

4349. Keynote Address by the Honorable Timothy E. Wirth, President, United Nations Foundation and Better World Fund

Room: Majestic Ballroom (Keynote Session)

ORGANIZER: Douglas Richardson, Association Of American Geographers

Introduction: Douglas Richardson, Association Of American Geographers

Speaker: The Honorable Timothy E. Wirth, United Nations Foundation and Better World Fund

Discussant: Thomas J. Wilbanks, Oak Ridge National Laboratory

4350. Visualization III: Applications and Research (Sponsored by Cartography Specialty Group)

Room: Vail (Paper Session)

ORGANIZER(S): Amy Lobben, University of Oregon; Robert M. Edsall, Arizona State University

CHAIR(S): Amy Lobben, University of Oregon

12:00 Brandon Adair, *Effective methods or fancy graphics? Using topographic maps to search for principles in geovisualization*

12:20 Megan Lawrence, University Of Oregon, *Visualizing Map Comprehension and Spatial Abilities*

12:40 Judy M. Olson, Michigan State University, *An Experimental Study Comparing Two Map Tasks Using Functional Magnetic Resonance Imagery*

1:00 James E. Meacham, University of Oregon, *Cartographic and Geographic Visualization Techniques in the Study of Prehistory in the Mongolian Altai Mountains*

2:00 p.m. - 3:40 p.m.**4401. Southern Environments (Sponsored by Historical Geography Specialty Group)**

Room: Plaza Court 1 (Paper Session)

ORGANIZER(S): Craig Colten, Louisiana State University; Lary M. Dilsaver, University Of South Alabama

CHAIR(S): William Wyckoff, Montana State University

2:00 Geoffrey L. Buckley, Ohio University, *Bringing Nature to the City: The View from Baltimore*

2:20 Craig Colten, Louisiana State University, *Contesting Interstate Pollution in Dixie: The Case of Corney Creek*

2:40 Christopher F. Meindl, University of South Florida, St. Petersburg, *The South and its Swamps*

3:00 Lary M. Dilsaver, University Of South Alabama, *Preservation of Coastal Recreation Sites in the American South*

3:20 Derek H. Alderman, East Carolina University, *Kudzu as Panacea, Protest, and Product: On the Role of Natureworkers in Southern Environmental Geography*

4402. Political and Cultural Economies of Organic Food Supply Chains/Alternative Food Networks (1) (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)

Room: Plaza Court 2 (Paper Session)

ORGANIZER(S): Amy Trauger, Penn State University; Markus Hassler, Ruhr-University Bochum

CHAIR(S): Andrew John Murphy, University Of Birmingham

2:00 Joan Qazi, Wenatchee Valley College, *Fruits of our Labor: sustaining family and alternative farms in rural Washington*

2:20 Gavin Parker, University of Reading, UK, *Community governance and rural land management: Teikei in Japan and CSA operation in the UK as new models for a sustainable countryside?*

2:40 Amy Trauger, Penn State University, *Social, economic and environmental (in)justice: alternative food networks and social justice in sustainable agriculture*

3:00 Rachel Slocum, *Shifting the balance of power? Anti-racist practice and cross difference alliance in the community food movement*

3:20 Elizabeth Oughton, *Trust and regulation in organic agri-food networks: national discourses North and South*

4403. Housing Issues and Policy

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sungsoon Hwang, SUNY - Buffalo

2:00 Myung Kim, The Ohio State University, *A multicriteria analysis of housing site suitability in Hanam-si, Korea*

2:20 Philippe Apparicio, *The insertion of public housing in Montreal neighborhoods: a typology constructed using GIS and spatial analysis*

- 2:40** Jee-Sun Lee, *Analysis of the Strength of Housing Market with the Consideration of Migration*
- 3:00** Yeon-Taek Ryu, University of Arizona, *The (re)production of housing space and housing policies: from institutional perspectives*
- 3:20** Sungsoon Hwang, SUNY - Buffalo, *Identifying spatial housing market segments with a GIS-fuzzy set approach*

4404. Distance Education and Geography (Sponsored by AAG Commission on College Geography, Geography Education Specialty Group)

Room: Plaza Court 4 (Panel Session)

ORGANIZER(S): Firooza Pavri, University Of Southern Maine

CHAIR(S): Firooza Pavri, University Of Southern Maine

Panelists: Patricia L. Drews, Northwest Missouri State University; Michael E. Ritter, University of Wisconsin; David DiBiase, Penn State University; Michael Phoenix, ESRI, INC; Mark C. Jones, University of Connecticut at Hartford; Ellen R. Hansen, Emporia State; Firooza Pavri, University Of Southern Maine

4405. Health Care Challenges for Women and Children in SubSaharan Africa (Sponsored by Africa Specialty Group, Medical Geography Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Florence Margai, Binghamton University-SUNY; Ezekiel Kalipeni, University of Illinois

CHAIR(S): Ibipo Johnston-Anumonwo, SUNY Cortland

2:00 Ezekiel Kalipeni, University of Illinois, *Women in Chinsapo: Perception of Risk to HIV/AIDS*

2:10 Jayati Ghosh, Dominican University Of California, *Women in Chinsapo: Perception of Risk to HIV/AIDS*

2:20 Charlotte McCorkel, Student, *Can Popular Health Become as Significant as Popular Culture for Young Women in Malawi?*

2:40 Mr. Richard O'Fasah Djukpen, Geography Department, University of Illinois, Urbana IL, *A Spatial - Temporal Review of HIV/AIDS Infection in Nigeria*

3:00 Calvin O. Masilela, Indiana University Of Pennsylvania, *Community-Level Stressors and Health Outcomes in Low-Income Urban Communities in Francistown: A Conceptual Population Health Model in HIV/AIDS Diffusion*

4406. Natural Resource Management: Regional Perspectives (Sponsored by Regional Development and Planning Specialty Group)

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Mr. Sudhir K. Thakur, University of North Dakota; George M. Pomeroy, Shippensburg University

CHAIR(S): Rajrani Kalra, Kent State University

2:00 Brandy Vos, Shippensburg University, *A Study of Local Implementation of Elements of Floodplain Management*

2:20 Olalekan Sodeinde, *Preliminary Studies of Land Cover and Bare Ground Variables Necessary for Future Larimore Dam Restoration Considerations*

2:40 Prof. Baleshwar Thakur, Delhi School of Economics, Delhi University, *Environmental Change and Water Sustainability in the Hill Towns of India: A Geographical Analysis*

4407. Geography and American Studies: New possibilities, new dialogues, Part I

Room: Plaza Court 7 (Panel Session)

ORGANIZER(S): Jamie Winders, Syracuse University; Matthew Farish, University of Toronto

CHAIR(S): Matthew Farish, University of Toronto

Introduction: Matthew Farish, University of Toronto

Panelists: Don Mitchell, Syracuse University; Susan Schulten, University of Denver; Anna Brickhouse, University of Colorado, Boulder; Karen M. Morin, Bucknell University; Eric Lott

4408. Comparative Urbanism I (Sponsored by Urban Geography Specialty Group)

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): Jan Nijman, University of Miami

CHAIR(S): Jan Nijman, University of Miami

2:00 Neil Brenner, New York University, *Rethinking the logic of comparison in urban studies: promises and pitfalls of the globalization debates*

2:20 Annapurna Shaw, Indian Institute of Management, *Metropolitan Restructuring in Post-liberalized India: Separating the Global and the Local*

2:40 Roger Keil, York University, *Comparing metropolitan governance: The cases of Montreal and Toronto*

3:00 Robert Kloosterman, University of Amsterdam, *In search of a centre in a polycentric urban region. Global city functions in the Dutch Randstad*

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

4409. Global Gentrification

Room: Governor's Square 9 (Paper Session)

ORGANIZER(S): Darren Paul Smith, University Of Brighton; Tim Butler, Kings College London

CHAIR(S): Tim Butler, Kings College London

2:00 Dan Hammel, Illinois State, *The Gentrification of Recession and the Rise of the Asset-Backed Metropolis*

2:20 Andrew Harris, *From Bombay mill to Mumbai mall: swish new empires in urban India*

2:40 Prof. Jan Willem Duyvendak, *Revanchist Rotterdam. Gentrification as a strategy for social control*

3:00 Lorenzo Vicario, *Bilbao, a "Global" City? New Urban Policy and Changing Gentrification Patterns in Metropolitan Bilbao*

Discussant(s): David M. Walker, University of Kentucky

4410. Human Impacts in Geomorphology I*Room: Governor's Square 10 (Paper Session)*

ORGANIZER(S): Evan Hart, Tennessee Technological University; William H. Renwick, Miami University

CHAIR(S): William H. Renwick, Miami University

2:00 John Faustini, Oregon State University, *Assessing Regional Scale Human Impacts on Stream Bed Substrate Using Field Sampling with a Randomized Survey Design***2:20** Martin Roberge, Towson University, *The alteration of urban stream channels by increased variation in stream discharge***2:40** Sabrina Travis, University of Wyoming, *The Effects of Anthropogenic Activities on Stream Morphology in Douglas Creek, Southeastern Wyoming***3:00** Richard A. Marston, Oklahoma State University, *Feasibility of Restoring the Washita River, Oklahoma, to 1868 Conditions***3:20** Richard Sleezer, Emporia State University, *Spatial and Temporal Patterns of Pond Construction and Function: A Comparative Study of Kansas and Ohio***4411. Geographies of Financial Globalisation: Theory and Practice III - Regulation and Governance (Sponsored by Economic Geography Specialty Group)***Room: Governor's Square 11 (Paper Session)*

ORGANIZER(S): Michael Hermann Grote, Goethe-University Frankfurt; Dariusz Wojcik, University of Oxford

CHAIR(S): Prof. Gordon L. Clark, University of Oxford

2:00 Pin-Hsien Chen, *From Financial Depression to Financial Deregulation?***2:18** Dariusz Wojcik, University of Oxford, *Convergence in corporate governance: empirical evidence from Europe and challenge for economic geography***2:36** Mr. James Salo, University of Oxford, *Corporate Governance and Environmental Performance of European Firms.***2:54** Niall Majury, Queen's University, Belfast, *Technology and the Architecture of Equity Markets*

Discussant(s): Susan M. Roberts, University Of Kentucky

4412. Community Mapping: Linking Research, Partners, and Action*Room: Governor's Square 12 (Panel Session)*

ORGANIZER(S): Patricia Solis, Association Of American Geographers

CHAIR(S): Patricia Solis, Association Of American Geographers

Panelists: Angela Lee, ESRI, Inc.; Tom Tate, USDA Coop Research Education & Extension Service; Connie Knapp, The Orton Family Foundation; John Krygier, Ohio Wesleyan University

4414. Progress In Human Geography Lecture*Room: Governor's Square 14 (Paper Session)*

ORGANIZER(S): Alexander B. Murphy, University of Oregon

CHAIR(S): Ronald J. Johnston, University of Bristol

2:00 David Newman, Ben-Gurion Univ, *The Lines that Continue to Separate us. Borders in our Borderless World*

4415. Borders, bodies and biometrics: part two. (Sponsored by Cultural Geography Specialty Group)

Room: *Governor's Square 15* (Paper Session)

ORGANIZER(S): Joanne F Maddern, University Of Dundee; Mr. Gareth C. Hoskins, University of Wales, Aberystwy

CHAIR(S): Glen Elder, University Of Vermont

2:00 Mr. Gareth C. Hoskins, University of Wales, Aberystwy, *Mobility and Bodily Difference: Enforcing the 1882 Chinese Exclusion Act*

2:20 Tim Cresswell, University of Wales, Aberystwyth, *Inhabiting Space Otherwise: Moving Through Schiphol Airport, Amsterdam*

2:40 Louise Waite, *Embodied working lives: Seasonal migrant labourers in India*

3:00 Pamela Moss, University of Victoria, *Meme ('mE-mE), Memes ('mEm) and ME (em-'E): Travel, Home and Bodily Restrictions*

Discussant(s): Matthew G. Hannah, University Of Vermont

4416. Research Frontiers in Time Geography: A Tribute to Torsten Hagerstrand 1 (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)

Room: *Governor's Square 16* (Paper Session)

ORGANIZER(S): Scott Bridwell, University of Utah; Mei-Po Kwan, Ohio State University

CHAIR(S): Harvey J. Miller, University Of Utah

2:00 Shih-Lung Shaw, University of Tennessee, *An Extended Time-Geographic Framework for Human Activities and Interactions in Physical and Virtual Spaces*

2:20 Tim Schwanen, Utrecht University, *Managing and coordinating activities in space and time: An evaluation of proximity in everyday life*

2:40 Nobbir Ahmed, University of Utah, *Time-space transformations of geographic space for exploring, analyzing and visualizing transportation system.*

3:00 Menzie McEachern, Clark University, *Solar PV Diffusion in Sri Lanka and the Energy Cost of Snakes*

4417. Geography and the Congress

Room: *Governor's Square 17* (Panel Session)

ORGANIZER(S): Douglas Richardson, Association Of American Geographers; John Wertman, Association Of American Geographers

CHAIR(S): Douglas Richardson, Association Of American Geographers

Panelists: Douglas Richardson, Association Of American Geographers; John Wertman, Association Of American Geographers; Governor Jim Geringer, ESRI; Michael Solem, Association Of American Geographers; Lanny Proffer, National Geographic Society

Discussant: Osa Brand, National Council for Geographic Education

- 4418. Geographies of Media 4: Communicating (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)**
Room: Plaza Ballroom A (Paper Session)
 ORGANIZER(S): James Craine, San Diego State University; Edward L. Jackiewicz, California State University - Northridge
 CHAIR(S): Chris Lukinbeal, Arizona State University - Department of Geography
2:00 William Terry, Miami University, *WAIF-FM: A Case Study in Community Radio's Place in a Globalizing Mediascape*
2:20 Karen Johnson-Webb, Bowling Green State University, *Media Agenda Setting: Perceptions of Rural Vulnerability to Terrorist Attack*
2:40 Prof. Marian Mustoe, Eastern Oregon University, *The Emergency Alert System: Its viability in the New Localism of Commercial Radio*
3:00 Ms. Kendra Strauss, University of Oxford, *Dispatches from an overheating world: Writing the geographical imaginations of global warming.*
- 4419. Stadiums in the Geographic Eye: Fieldtrip and Roundtable Discussion (Sponsored by Recreation, Tourism, and Sport Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)**
Room: Plaza Ballroom B (Panel Session)
 ORGANIZER(S): Mr. Chris Gaffney, University Of Texas
 CHAIR(S): Mr. Chris Gaffney, University Of Texas
 Panelists: Hunter Shobe, University of Oregon; Robert Ross, Syracuse University; Larry Scott Deaner, Kansas State University; Scott C. Roper, West Texas A&M University
- 4420. Race, Ethnicity and Immigration**
Room: Plaza Ballroom C (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Ronald Whisler, University of Arizona
2:00 Yanbing Tang, University of Georgia, *Exploring the Factors Contributing to the Concentration of Chinese Immigrants*
2:20 Jack Flynn, College Of St Catherine, *Hmong in Minnesota: The First Quarter Century*
2:40 Micheline Van Riemsdijk, *Immigration and belonging: a dialogue between race and migration research*
3:00 Stephen R. Koletty, University Of Southern California, *Micronesian Outliers in Urban Southern California*
3:20 Ronald Whisler, University of Arizona, *Initial Placements and Secondary Migration Patterns of Somali Refugees and Immigrants in the United States*

4423. Trucking and Surface Transportation Policy

Room: *Plaza Ballroom F* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Jonathan Shaw

2:00 T. R. Lakshmanan, Boston University, *The Role of Surface Transportation in Enhancing the Competitiveness and Export Capability of US Industry.*

2:20 Jeannette Anita McBryan, Shippensburg University, *An Investigation of Long-Distance Trucking and Relationships Between the Industry and Local Economy*

2:40 Mike Engelmann, University Of Oregon, *Trucking Problems in Oregon: Perception and Placement - Geocoding Motor Carrier Survey Responses for the Oregon Department of Transportation.*

3:00 Timothy C. Matisziw, The Ohio State University, *Modeling Truck-based Interregional Freight Flow*

3:20 Prof. Jonathan Shaw, *Devolution and transport policy in the United Kingdom*

4424. Geosystems, Ecosystems, and Wildfires 4: Biotic Effects and Responses (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Remote Sensing Specialty Group)

Room: *Director's Row E* (Paper Session)

ORGANIZER(S): John Kupfer, University of Arizona

CHAIR(S): John Kupfer, University of Arizona

2:00 Leigh Lentile, University of Idaho, *Fire Effects and Recovery Following Mixed Severity Fire in Ponderosa Pine Forests of the South Dakota Black Hills and Colorado Front Range*

2:20 Dominik Kulakowski, University of Colorado, *The effects of previous disturbances on the extent and severity of the 2002 fires in northwestern Colorado*

2:40 Dr. Joy Nystrom Mast, Carthage College, *Bird community recovery following wildfire in ponderosa pine forests of Arizona*

3:00 John D. Waldron, Knowledge Engineering Lab, Texas A&M University, *Influences of Changing Disturbance Regimes on Forest Pattern and Process in Southern Appalachian Landscapes*

3:20 Keith J. Lombardo, *Composition change and recovery on native and non-native grasslands following the 2002 Ryan Fire*

4425. Human Health and the Environment

Room: *Director's Row F* (Paper Session)

ORGANIZER(S): Paul Hearn, United States Geological Survey; Stephen C. Guptill, United States Geological Survey

CHAIR(S): David A. Kirtland, United States Geological Survey

2:00 Stephen C. Guptill, United States Geological Survey, *The Spread of West Nile Virus in the United States: Geographic Structure and Mechanisms*

2:20 Lee De Cola, United States Geological Survey, *Using Bayesian Techniques to Forecast West Nile Virus*

2:40 Paul Hearn, United States Geological Survey, *EMMMA: A Web-based System for Environmental Mercury Mapping, Modeling, and Analysis*

3:00 Jean Parcher, United States Geological Survey, *Uses of Environmental Data for Public Health Applications along the US/Mexico Border*

4427. Geographies of Wildfire: Managing Hazards and Natural Resources I

Room: Director's Row H (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Earl Saunders

2:00 Ms. Taryn Oakley, *The spatial and temporal variability of soil moisture and temperature in response to fire in a montane ponderosa pine forest*

2:20 Andrew Scholl, Pennsylvania State University, *Climate Influences on Fire Regimes in Mixed Conifer Forests in Yosemite National Park, CA*

2:40 Mr. Earl Saunders, *The Economic Impact of Water Markets on the Rural-Urban Fringes of the American West*

3:00 Mr. Antonio Blazeovic, Southern Illinois University, *A general overview of the MAST (Mountain Area Safety Taskforce) in the prevention and fighting of forest fires in southern California.*

4430. Piers Blaikie's Life Work: Political Ecology and Policy (Session 2)

Room: Tower Court A (Panel Session)

ORGANIZER(S): Joshua S.S. Muldavin, Sarah Lawrence College; Roger Alex Clapp, Simon Fraser University

CHAIR(S): Roger Alex Clapp, Simon Fraser University

Introduction: Roger Alex Clapp, Simon Fraser University

Discussant(s): Piers Blaikie, University of East Anglia

Panelists: Dianne E. Rocheleau, Clark University; Rod Neumann, Florida Intl University; Jack D. Ives, UC-Davis, Honor; Prof. Michael Dove, Yale University

4431. GIS and Environmental Health I (Sponsored by Medical Geography Specialty Group)

Room: Tower Court B (Paper Session)

ORGANIZER(S): Carol L. Hanchette, University of Louisville

CHAIR(S): Carol L. Hanchette, University of Louisville

2:00 Mr. Soumya Mazumdar, *Modeling environmental exposure to airborne contaminants in a rural Iowa county*

2:20 F Benjamin Zhan, Texas State University-San Marcos, *GIS-Augmented Environmental Epidemiology Research: Residential Proximity to Hazardous Waste Sites and Congenital Malformations in Offspring*

2:40 Carol L. Hanchette, University of Louisville, *Indirect pesticide exposure estimates: an evaluation of USDA's Cropland Data Layer for epidemiologic study design and field identification*

3:00 Marcia Castro, University of South Carolina, *Land use choices in the tropical forest frontier: the potential role of malaria*

4432. Perspectives on Geographic Complexity IV: Urban-rural land dynamics (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Steven M. Manson, University Of Minnesota; Paul Torrens, University of Utah

CHAIR(S): Tom Evans, Indiana University

2:00 Dawn C. Parker, George Mason University, *Individual rationality, institutional structure, and power-law distributions: Exploring the distribution of rural land-use holdings using FEARLUS*

2:20 Moira Zellner, University Of Michigan, *The emergence of zoning policy games in exurban jurisdictions*

2:40 Arika Ligmann-Zielinska, San Diego State University, *Land Use Based Community Growth Forecasting Using Agent-Based Modeling*

3:00 Li Yin, University at Buffalo, *The Dynamics of Density Increase in Resort Communities*

3:20 Brian Muller, University of Colorado at Denver, *Mores and Misbehaving: The Effect of Regulatory Regimes on Land Developers*

4433. Ethnic and Cultural Identities

Room: Tower Court D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Stijn Oosterlynck, Lancaster University

2:00 Mr. Thomas Sullivan, Louisiana State University, *Celtic Identity Revival and the Spread of the Irish Language in North America.*

2:20 Nichola Wood, *Feeling Scottish: Musical Performances, Intimate Encounters and the 'Doings' of National Identity*

2:40 Mr. Peter Kabachnik, UCLA, *Out of Place in the UK: Representations of Gypsies in British Media Culture*

3:00 Anssi Paasi, University of Oulu, *Re-thinking the institutionalization of regions: notes on the resurgence of Finnish provinces*

3:20 Mr. Stijn Oosterlynck, Lancaster University, *Economic nationalism, state rescaling and the creation of the Flemish space economy*

4434. Conservation Techniques

Room: Grand Ballroom 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rhea Presiado, University Of California - Davis

2:00 Brian A. Shiplee, *Connecting the Connecticut River: Bioregional Management of the Connecticut River Basin.*

2:20 Shawn Lanning, University of Wyoming, *Pronghorn Migration Model: Using GIS to Predict Potential Pronghorn Migration within the State of Wyoming*

2:40 Sean Finn, United States Geological Survey, *Communicating Geographic Information in the 21st Century: The GBIP/ SAGEMAP/Science Locator Model*

3:00 Robbyn Abbitt, Missouri Research Assessment Partnership, *Identifying and mapping critical ecosystems in the Lower Midwestern USA*

3:20 Rhea Presiado, University Of California - Davis, *Range extensions of the smooth brittle star: The perfect marriage of field and museum research in biogeography.*

4435. Race, Ethnicity, and Place

Room: Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Stanley Waterman, University of Haifa

2:00 Lisa Marshall, North Carolina State University, *Varying Spaces of Black Politics: the geography of Ottawa's African Canadian organizations*

2:20 Deanna H. Benson, University of Wisconsin-Milwaukee, *Race, Neighborhoods, and Urban Renewal in Milwaukee, 1960-1973*

2:40 Erica Sieben, *Mixed-race Youth: Outcomes in Young Adulthood*

3:00 Siyoung Park, Western Illinois University, *Residential Assimilation of Asian Americans in the Chicago and Atlanta Metropolitan Areas*

3:20 Prof. Stanley Waterman, University of Haifa, *Underenumeration of the Jewish population in the UK 2001 Census*

4436. Responding to Climate Change II: Governance and Social Action (Sponsored by Human Dimensions of Global Change Specialty Group)

Room: Colorado (Paper Session)

ORGANIZER(S): Harriet Bulkeley, University Of Durham; Susanne Moser, National Center for Atmospheric Research

CHAIR(S): Michele Betsill, Colorado State University

2:00 Gard Lindseth, Western Norway Research Institute, *Local Climate Policy in Norway and Multi Scale Planning*

2:20 Paul Parker, University Of Waterloo, *Local coalitions are required to achieve Kyoto Protocol targets: Residential GHG emission reductions through information and public engagement*

2:40 Ms. Brandi Nagle, Pennsylvania State University, *Local Mitigation of Greenhouse Gases*

3:00 David Lehmkuhl, Hamburg Institute of International Economics (HWWA), *The Hamburg CO2-Competition - A description and summary of major lessons learnt*

Discussant(s): Thomas J. Wilbanks, Oak Ridge National Laboratory

4437. Climate and Cryosphere III: Measuring, Monitoring, and Modeling Snowpacks (Sponsored by Climate Specialty Group, Cryosphere Specialty Group, Mountain Geography Specialty Group)

Room: Silver (Paper Session)

ORGANIZER(S): Frederick E. Nelson, University of Delaware; Jerry Brown

CHAIR(S): Allan Frei, Hunter College

2:00 Jason E. Box, Ohio State University, *Recent Greenland Ice Sheet Surface Mass Balance Variability*

2:20 Timothy W Hawkins, Shippensburg University, *Modeling the Energy Budget of an Arid, Subtropical Snowpack in Arizona*

- 2:40** Hengchun Ye, California State University - Los Angeles, *Reconstruction of Eurasian snow extent using historical station observations*
- 3:00** Robert Hellström, Bridgewater State College, *A wireless snow process monitoring network*
- 3:20** Richard Armstrong, University of Colorado, *Analysis of the Extreme Winter of 1997-1998 on the Tibetan Plateau*

4438. More Sex! More Gender! (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Gold (Paper Session)

ORGANIZER(S): Kathryn J. Besio, University of Hawaii at Hilo; Robyn Longhurst, University of Waikato

CHAIR(S): Robyn Longhurst, University of Waikato

2:00 Kathryn J. Besio, University of Hawaii at Hilo, *Chutes and Ladders: Reading Practices of Gender and Privilege in a Balti Village, Pakistan*

2:20 Susan E. Frohlick, University Of Manitoba, *Romance and adventure, sex and surfing: allure of "the tropics" on the Caribbean coast of Costa Rica*

2:40 Nancy E. Cook, McMaster University, *Bazaar Stories of Gender, Sexuality and Imperial Spaces in Gilgit, Northern Pakistan*

Discussant(s): Richard S. Phillips, University of Liverpool

4439. Women on the Edge (Sponsored by Geographic Perspectives on Women Specialty Group, Committee on the Status of Women in Geography)

Room: Century (Panel Session)

ORGANIZER(S): Emily H. Skop, The University Of Texas at Austin

CHAIR(S): Emily H. Skop, The University Of Texas at Austin

Panelists: Emily H. Skop, The University Of Texas at Austin; Patricia Ehrkamp, Miami University Of Ohio; Winifred Curran, DePaul University; Mary E. Thomas, University Of California, Los Angeles; Marianna Pavlovskaya, Hunter College; Alison Mountz, Syracuse University

4440. Synoptic Climatology I: Current Climates (Sponsored by Climate Specialty Group)

Room: Spruce (Paper Session)

ORGANIZER(S): Claudia K. Walters, U of M Dearborn; Julie Winkler, Michigan State University

CHAIR(S): Claudia K. Walters, U of M Dearborn

2:00 David Brown, University of New Hampshire, *Climatic forcing of summer season ozone variability in the Northeast United States*

2:20 Erinanne M. Saffell, East Carolina University, *The Urban Heat Island of Phoenix, Arizona under Differing Synoptic Regimes*

2:40 Michael A. Crimmins, University of Arizona, *A Synoptic Climatological Analysis of Extreme Fire Weather Conditions Across the Southwest United States*

3:00 Claudia K. Walters, U of M Dearborn, *A Climatology of Northerly Low-Level Wind Maxima. Part I: Airflow Configurations and Large-Scale Environment*

3:20 Julie Winkler, Michigan State University, *A Climatology of Northerly Low-Level Wind Maxima: Part II: Seasonal, Diurnal, and Spatial Variations.*

- 4441. The Political Economies of Inward Investment IV: FDI and global networks (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group)**
Room: *Denver* (Paper Session)
 ORGANIZER(S): Andrew Wood, University of Oklahoma; Nicholas A. Phelps
 CHAIR(S): Andrew Wood, University of Oklahoma
2:00 Jessie P. Poon, University at Buffalo-SUNY, *Technology sourcing and development in the US by Asian companies: Inward investment as a sourcing strategy*
2:20 Mr. Neil Coe, University of Manchester, *Global production networks in retailing: supply chain implications for East Asia and Eastern Europe.*
2:40 Yong-Sook Lee, National University of Singapore, *The politics of localization: The case of Samsung Tesco's retail operations in South Korea*
3:00 Neil Wrigley, University Of Southampton, *Supply chain and regulatory impacts of retail FDI in emerging markets: insights from Tesco's experience in East Asia*
 Discussant(s): Nebahat Tokatli, New School University
- 4443. Latin American Environment**
Room: *Beverly* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Curtis D. Holder, University Of Colorado, Colorado Springs
2:00 Ms. Robin Gary, University Of Texas - Austin, *Assessing the Impact of Human Activities on Sistema Zacatón: The Ponytail Palm Population as an Indicator*
2:20 Curtis D. Holder, University Of Colorado, Colorado Springs, *Leaf water repellency as an adaptation to cloud forest environments*
- 4444. New Research and Development in School Choice and Geography Education**
Room: *Biltmore* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Anya Butt, Central College
2:00 Iddrisu Adam, University of Wisconsin - Marshfield Campus, *Reinventing the wheel: Making Introductory World Regional Geography more relevant to students*
2:20 William A. Bowen, California State University, *Seeing The World From New High Places: The Creation of Panoramic Maps of the World for Research and Education*
2:40 Barbara John, University Of North Carolina at Charlotte, *The Geography of School Choice*
3:00 Charlie Haifeng Zhang, University Of South Carolina, *The Geographic Analysis of Public-Private School Choice in Columbia MSA, SC*
3:20 Anya Butt, Central College, *Investigating Diversity: Using GIS to Shape Recruiting Strategies*

4445. Food and Music in Cultural Geography*Room: Capitool (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Bethany Rogers, Louisiana State University

2:00 Jonathan Vaughan Smith, Truman State University, *The grits line—an American foodshed***2:20** Jennifer L. DeHart, Allegheny College, *The Way to College Students' Minds is through...their Stomachs? Experiences with Farm to College Connections***2:40** John Lindenbaum, *The political features of East Bay hip-hop, punk and folk***3:00** Kevin Romig, University of North Dakota, *The British Invasion of Suburbia***3:20** Ms. Bethany Rogers, Louisiana State University, *Live at the Maple Leaf: An Uptown New Orleans Soundscape***4446. Prehistory, Geoarchaeology, and Paleobiogeography: prospects for engagement and synthesis (Sponsored by Cultural and Political Ecology Specialty Group, Biogeography Specialty Group, Geomorphology Specialty Group)***Room: Columbine (Panel Session)*

ORGANIZER(S): Robert Andrew Dull, University of Texas at Austin; Michelle Goman, Cornell University

CHAIR(S): Robert Andrew Dull, University of Texas at Austin

Panelists: Sheryl Luzzadder-Beach, George Mason University; Karl W. Butzer, University of Texas-Austin; William E. Doolittle, University of Texas; Mark Blumler, SUNY-Binghamton; Sally P. Horn, University Of Tennessee; Timothy Beach, Georgetown University

4447. Islands II: Isolated Outliers or Critical Nodes of Contact? Economic Development Perspectives (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group, Communication Geography Specialty Group)*Room: Terrace (Paper Session)*

ORGANIZER(S): Philip E. Steinberg, Florida State University; Eric Clark, Social and Economic Geography, Lund

CHAIR(S): Philip E. Steinberg, Florida State University

2:00 Chang-Yi Chang, National Taiwan University, *A Regional Perspective on Tourism Development of Small Islands in Taiwan-A Case Study of the Pescadores***2:20** Huei-Min Tsai, National Taiwan Normal University, *Island Visioning and Participatory Local Sustainability Indicators: A case study of Kinmen Island***2:40** Eric Clark, Social and Economic Geography, Lund, *Island gentrification***3:00** Prof. Beate M.W. Ratter, University of Mainz, *Cane, Culture and Castro: Path Dependency in Caribbean economies, the Cuban example*

Discussant(s): Russell Fielding, University Of Montana

4448. GIS Techniques

Room: *Savoy* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Scott White, Fort Lewis College

2:00 Fei Wang, West Virginia University, *Unified Client for GIS application*

2:20 Mykola Shcherbaniuk, GIS/RS, Department of Geography, Southern Illinois University, *Spatial Data Mining with Questioner and GIS (Spatial) Data*

2:40 Xingong Li, *Creating Buffers on Surfaces*

3:00 J. Alan Glennon, UCSB Geography, *Addressing Flow within Geographic Information Systems*

3:20 Scott White, Fort Lewis College, *Using GPS and GIS to Develop a Community Irrigation Network Database*

4449. Geographies of the Middle East and the Arab World I: Innovative Pedagogy for a Dynamic Region (Sponsored by Middle East Specialty Group, Asian Geography Specialty Group)

Room: *Majestic Ballroom* (Panel Session)

ORGANIZER(S): Reecia Orzeck, Syracuse University; Colin Flint, Pennsylvania State University

CHAIR(S): Colin Flint, Pennsylvania State University

Panelists: Rex Honey, University of Iowa; Paul J. Kaldjian, University of Wisconsin — Eau Claire; Reecia Orzeck, Syracuse University; Farhang Rouhani, Mary Washington College; Banu Gokarikel, University of North Carolina, Chapel Hill

4450. Visualization IV: Visualizing Trends (Sponsored by Cartography Specialty Group)

Room: *Vail* (Paper Session)

ORGANIZER(S): Amy Lobben, University of Oregon; Robert M. Edsall, Arizona State University

CHAIR(S): Amy Lobben, University of Oregon

2:00 Susan D. Price, United States Geological Survey, *Rapid Delivery of Surveillance Maps for the USGS West Nile Virus Web Site*

2:20 Anthony Robinson, Pennsylvania State University, *Interaction Design Techniques for Geovisualization: Designing and Assessing Tools for Cancer Epidemiology*

2:40 Mr. Gregory Ross, University of Florida, *Spatiotemporal Arboviral Surveillance in Florida - Tracking West Nile Virus using GIS and Animation*

3:00 Prof. Michael P. Peterson, University of Nebraska-Omaha, *An Animated Atlas of Air Traffic over North America*

4:00 p.m. - 5:40 p.m.

- 4501. Papers in Honor of Curtis Roseman (Sponsored by Population Specialty Group, Ethnic Geography Specialty Group)**
Room: Plaza Court 1 (Panel Session)
 ORGANIZER(S): James A. Tyner, Kent State University
 CHAIR(S): James A. Tyner, Kent State University
 Panelists: Kevin E. McHugh, Arizona State University; Kevin Romig, University of North Dakota; James A. Tyner, Kent State University
- 4502. Political and Cultural Economies of Organic Food Supply Chains/Alternative Food Networks (2) (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)**
Room: Plaza Court 2 (Paper Session)
 ORGANIZER(S): Amy Trauger, Penn State University; Andrew John Murphy, University Of Birmingham
 CHAIR(S): Markus Hassler, Ruhr-University Bochum
4:00 Prof. David C. Gibbs, University of Hull, *Quality food, authentic production and rural development in the Italian South*
4:20 Ulrich Ermann, Leibniz Institute for Regional Geography, *Framing Food: Constructions of Morality in the Regionalization of Food*
4:40 Ms. Johanna Wandel, University of Guelph, *Branding the organic family farm: values and motivations of organic consumers in southern Ontario, Canada*
5:00 Andrew John Murphy, University Of Birmingham, *Cultivating Consumption: Linking organic food producers, retailers and consumers*
- 4503. Stable Isotope Analysis of Trees: New Methods, New Uses. (Sponsored by Biogeography Specialty Group)**
Room: Plaza Court 3 (Paper Session)
 ORGANIZER(S): James H. Speer, Indiana State University; Dr. Mary Gagen, University Of Wales Swansea
 CHAIR(S): Dr. Mary Gagen, University Of Wales Swansea
4:00 Prof. John Roden, Southern Oregon University, *Historic utilization of fog by coast redwood trees as indicated by the oxygen and carbon isotope ratios of tree ring cellulose.*
4:20 Laura Hudson, University of Wyoming, *Drought sensitivity of limber pine in the central Rocky Mountains determined from carbon isotopes and ring widths*
4:40 Shelly A. Rayback, University of British Columbia, *Isotopes and Cassiope tetragona: Documenting shifts in the Arctic Oscillation*
5:00 Akira KAGAWA, Forestry and Forest Products Res. Inst., *Observation of seasonal variation in phloem flow pathways and estimation of time resolution of tree-ring isotope analysis with the aid of ^{13}C pulse-labeling.*
5:20 Nate McDowell, *Using tree-ring carbon isotope ratios to reconstruct forest physiological response to disturbance*

4504. International Research in Geography in Higher Education (Sponsored by AAG Commission on College Geography, Geography Education Specialty Group)

Room: Plaza Court 4 (Paper Session)

ORGANIZER(S): Michael N. Solem, Association Of American Geographers; Mick Healey, University of Gloucestershire

CHAIR(S): Michael N. Solem, Association Of American Geographers

Introduction: Mick Healey, University of Gloucestershire

4:10 David DiBiase, Penn State University, *Internationalizing Professional Development in Geography through Distance Education*

4:25 Derek France, University College Chester, *International Perspectives on the Effectiveness of Geography Fieldwork for Learning*

4:40 Susan Vajoczki, McMaster University, *Problem Based-Learning in Geography: Will it Work?*

Discussant(s): Ruth Louise Healey, University of Sheffield

4505. Linking Climate Variability, Natural Resources Management and Development in sub-Saharan Africa (Sponsored by Africa Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Abigail Amisshah-Arthur, Slippery Rock University

CHAIR(S): Abigail Amisshah-Arthur, Slippery Rock University

4:00 Abigail Amisshah-Arthur, Slippery Rock University, *Climate variability and change: Managing the impacts on food production in sub-Saharan Africa.*

4:20 Mr. Kwadwo Owusu, *Analysis of Rainfall Variability in Sub-Humid Ghana*

4:40 Carla Roncoli, *Risk Management and Social Learning in Farmers' Responses to Seasonal Climate Forecasts in Burkina Faso*

5:00 Shrikant Jagtap, University Of Florida, *Using Long Range Climate Forecasts To Improve Management of Agricultural Development in Sub Saharan Africa*

Discussant(s): Shrikant Jagtap, University Of Florida

4506. Urban Tourism, Culture and the Revitalization of Downtown Neighborhoods (Sponsored by Recreation, Tourism, and Sport Specialty Group)

Room: Plaza Court 6 (Paper Session)

ORGANIZER(S): Rudi Hartmann, University of Colorado

CHAIR(S): Rudi Hartmann, University of Colorado

4:00 Fiona Henderson, *Staging the Kiss: Le Baiser de l'Hôtel de Ville and the Tourist Experience of Romantic Paris*

4:20 Martine Geronimi, *Heritage and Tourism, a success story in the Old Montreal, the strategy of Boutique Hotels*

4:40 Ken Schroepfel, *The Role of Urban Tourism in the Revitalization of Downtown Denver*

5:00 Jeff Shoemaker, The Greenway Foundation, *The Reclamation of the South Platt River*

4507. Geography and American Studies: New possibilities, new dialogues, Part II*Room: Plaza Court 7 (Panel Session)*

ORGANIZER(S): Adm. Jamie Winders, Syracuse University; Matthew Farish, University of Toronto

CHAIR(S): Adm. Jamie Winders, Syracuse University

Introduction: Jamie Winders, Syracuse University

Panelists: Cmdr. Trevor Paglen, U.C. Berkeley; Miranda Joseph, University of Arizona; Euan Hague, DePaul University; Ruth Wilson Gilmore, University of Southern California; Cindi Katz, CUNY Graduate Center; John-Michael Rivera, University of Colorado, Boulder

4508. Comparative Urbanism II (Sponsored by Urban Geography Specialty Group)*Room: Plaza Court 8 (Paper Session)*

ORGANIZER(S): Jan Nijman, University of Miami

CHAIR(S): Jan Nijman, University of Miami

4:00 Judith T. Kenny, University Of Wisconsin-Milwaukee, *Comparative Urbanism and the Postcolonial City: Defining Difference in/between Madras and Milwaukee***4:20** Ben Derudder, Ghent University, *Comparing second-rung US cities in a transnational/relational framework: Miami, Boston and San Francisco***4:40** George Lin, University of Hong Kong, *Chinese Urbanism in Question: Globalizing forms, hybrid processes, and locally reconstituted spaces***5:00** Jan Nijman, University of Miami, *Place-particularity and deep analogies: Four individualizing comparisons of Miami*

Discussant(s): Neil Smith, City University Of New York

4509. Global Gentrification*Room: Governor's Square 9 (Panel Session)*

ORGANIZER(S): Darren Paul Smith, University Of Brighton; Tim Butler, Kings College London

CHAIR(S): Darren Paul Smith, University Of Brighton

Discussant(s): Martin Phillips, University of Leicester; Stefan Buzar; Mr. Wen-I Lin; Darren Paul Smith, University Of Brighton

4510. Human Impacts in Geomorphology II*Room: Governor's Square 10 (Paper Session)*

ORGANIZER(S): Evan Hart, Tennessee Technological University; William H. Renwick, Miami University

CHAIR(S): Evan Hart, Tennessee Technological University

4:00 Jeff Lee, Texas Tech University, *Determining Dust Source Areas for the West Texas Dust Storm of 15 December 2003***4:20** Mr. Alexander Prishchepov, *The use of sequential air photography and GIS for reconstructing sand-dune stabilization during the decades after the Dust Bowl in northwestern Oklahoma.***4:40** Mark Alan Fonstad, Texas State University, San Marcos, *Rapid Bedrock Incision During the Spillway Flood Formation of Barranca de Caliza, Texas, USA*

5:00 Linda Martin, University of Kentucky, *Fluviokarst System Soil Changes Under Long-Term Grass Cover*

5:20 Evan Hart, Tennessee Technological University, *Historic sediment redistribution in the Pigeon Roost Creek watershed, Tennessee*

4511. Geographies of Financial Globalisation: Theory and Practice IV - Innovation and Investment (Sponsored by Economic Geography Specialty Group)

Room: Governor's Square 11 (Paper Session)

ORGANIZER(S): Prof. Gordon L. Clark, University of Oxford; Dariusz Wojcik, University of Oxford

CHAIR(S): Prof. Gordon L. Clark, University of Oxford

4:00 Sharon Cobb, University of North Florida, *GIS and Allocation Modeling for the Financial Services Industry*

4:18 Terry Babcock-Lumish, University Of Oxford, *Institutional Investors and the Entrepreneurial Landscape: American Venture Capital Investment and the Creative Class*

4:36 Christian Zeller, Institute of Geography, Bern, *Financed-led innovation processes in biotechnology*

4:54 Tessa Hebb, University of Oxford, *Public Sector Pension Funds and Urban Revitalization*

Discussant(s): Yuko Aoyama, Clark University

4512. The Digital Bus and Geographic Information Technology Education

Room: Governor's Square 12 (Panel Session)

ORGANIZER(S): Patricia Solis, Association Of American Geographers

CHAIR(S): Patricia Solis, Association Of American Geographers

Introduction: Patricia Solis, Association Of American Geographers

Panelists: Ted Sheppard, Office of Naval Research - Global; Charile Fitzpatrick, ESRI, INC; Joseph J. Kerski, United States Geological Survey; Andrew J. Vliet, Akimeka LLC; Rebecca Boger, The GLOBE Program/UCAR; Theresa J. Kennedy, The GLOBE Program/UCAR, Nikolas Schiller, Association of American Geographers

4514. Geography's Evolving Role in the National Mapping Agencies in the US and UK

Room: Governor's Square 14 (Panel Session)

ORGANIZER(S): Douglas Richardson, Association Of American Geographers

CHAIR(S): Douglas Richardson, Association Of American Geographers

Introduction: Thomas J. Wilbanks, Oak Ridge National Laboratory

Speakers: Vanessa Lawrence, Director General and Chief Executive of Britain's Ordnance Survey; Barbara Ryan, Associate Director for Geography, United States Geological Survey

- 4515. Fourth Annual James R. Anderson Lecture in Applied Geography (Sponsored by Applied Geography Specialty Group)**
Room: *Governor's Square 15* (Panel Session)
 ORGANIZER(S): Doug Heivly, City of Allentown
 CHAIR(S): Lawrence M. Sommers, Michigan State University
 Introduction: Lawrence M. Sommers, Michigan State University
 Speaker: Barry Wellar, University of Ottawa
- 4516. Research Frontiers in Time Geography: A Tribute to Torsten Hagerstrand 2 (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)**
Room: *Governor's Square 16* (Paper Session)
 ORGANIZER(S): Scott Bridwell, University of Utah; Harvey J. Miller, University Of Utah
 CHAIR(S): Mei-Po Kwan, Ohio State University
4:00 Donald Janelle, University of California, Santa Barbara, *Time Geography and the Behavioral Ecology of Cities*
4:20 Gillian AvRuskin, BioMedware, Inc., *Individual exposure reconstruction using a time geographic approach*
4:40 Scott Bridwell, University of Utah, *Locational privacy metrics for mobile objects*
5:00 Arnaud Banos, *Micro-simulation and visualization of individual space-time paths within a GIS*
- 4517. Exploring Connections, Employment, and Themes in Geography Education**
Room: *Governor's Square 17* (Paper Session)
 ORGANIZER(S): Program Committee
 CHAIR(S): Tammy Kaufhold
4:00 Catherine Horrall Helgeland, Univ of Wis - Manitowoc, *Reconnecting Geography and Art: An Interdisciplinary Lab Science Course in Landform Geography and Landscape Painting*
4:20 Ms. Veronique Van Acker, *Complementary degrees and present employment of geography graduates in Belgium*
4:40 Robert McClure, St. Olaf College, *Emerging Themes: An Analysis of New, K-12 Teacher's Practices and Beliefs. SciMath MN*
5:00 Denis A. Bekaert, Middle Tennessee State, *Are Geography textbooks becoming obsolete?*
5:20 Tammy Kaufhold, *Geography Education: Where is Geography's Location in our Schools Curriculum?*
- 4518. Geographies of Media 5: Cyberspace and the Internet (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)**
Room: *Plaza Ballroom A* (Paper Session)
 ORGANIZER(S): James Craine, San Diego State University; Chris Lukinbeal, Arizona State University - Department of Geography

CHAIR(S): Edward L. Jackiewicz, California State University - Northridge
 4:00 Leigh Schwartz, *Representation of Cities and Fantasy Landscapes in Video Games*

4:20 Robert McNab Kerr, University of Wisconsin-Platteville, *Xenophobia in Normative Cyber-Space: Mainstreaming the 'Extreme-Right' on the Internet*

4:40 Darren Purcell, Florida Dept. of Education, *Regional Identity in Cyberspace - Competing Visions of Sandzak and Raska*

5:00 Ann Z. Li, Rutgers University, *The devil finds work for virtual hands to do: Telegeographies and media markets*

5:20 Prof. Rob Shields, *Spatializations of the Virtual*

4519. European Urban and Rural Spaces

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Megan Dixon, University of Oregon

4:00 Ms. Gemma Hobson, University of Leeds, *Definitions of Rurality and Rural Areas in England*

4:20 J. Duncan Shaeffer, Arizona State University, *Spying Europe: A Sense of Place & a Sense of Time in the European Landscape as Portrayed Through the Novels of Alan Furst.*

4:40 Malcolm Alan Compitello, University Of Arizona, *Able to Build Tall Buildings in a Single Bound!: Madrid's La Castellana Avenue as A Scene of Power*

5:00 Natalija Speh, ERICo, *Sustainable Landscape Management in Slovenia - Environmental Improvements of the Specific Coal Mine Community of Velenje between 1991-2000*

5:20 Megan Dixon, University of Oregon, *Urban Identity at Multiple Scales in St. Petersburg, Russia*

4520. Regenerating the Regions

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Phil Jones

4:00 Allan Cochrane, Open University, *Beyond fluidity and fixity: re-imaging the urban politics of growth*

4:20 Gillian Bristow, Cardiff University, *Survival of the Fittest? Deconstructing competitiveness and re-defining the ecological metaphor for regions*

4:40 Phil Jones, *Strange bedfellows? The governance of regeneration in Lee Bank, Birmingham, UK*

5:00 Steven Henderson, University of Reading, *Sustainable Urban Regeneration, Local Government and the Changing Nature of Urban Governance in the UK: A Study of Salford Quays and Paddington Waterside*

5:10 Mike Raco, University of Reading, *Sustainable Urban Regeneration, Local Government and the Changing Nature of Urban Governance in the UK: A Study of Salford Quays and Paddington Waterside*

4523. Urban Transportation*Room: Plaza Ballroom F (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Harrison Higgins, Florida State University

4:00 Mathieu Charron, INRS-UCS, *Excess and the city: new insights on the concept of commuting***4:20** Diana Sarita Hamburger, *Cars and cables: accessibility measures and the Sao Paulo (Brazil) urban dynamics***4:40** Enda Murphy, Trinity College, *Commute Minimisation: the case of Dublin, Ireland***5:00** Harrison Higgins, Florida State University, *Two Competing Urbanism***4524. Geosystems, Ecosystems, and Wildfires 5: Management Issues (Sponsored by Biogeography Specialty Group, Geomorphology Specialty Group, Remote Sensing Specialty Group)***Room: Director's Row E (Paper Session)*

ORGANIZER(S): John Kupfer, University of Arizona; Stephen Yool, University of Arizona

CHAIR(S): John Kupfer, University of Arizona

4:00 Robert G. Bailey, US Forest Service, *Fire Regimes in Different Regional Ecosystems and Their Management Implications***4:20** Crystal Kolden, *Climatic Variability, Fuel Conditions, and Prescribed Fire: Impacts and Obstacles***4:40** Christine M. Rodrigue, California State University - Long Beach, *The construction of Mediterranean scrub in biogeography and ecology***5:00** Michael J. Medler, Western Washington University, *Defensible Space and US Wildfire Issues in the Wildland Urban Interface***5:20** Mr. Noel A. Ludwig, University of Hawaii, *OSDANP: A New Method for Generating Quantitative Expert Recommendations, Applied to Fires in California Watersheds***4525. Emerging American Ethnic Geographies (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)***Room: Director's Row F (Paper Session)*

ORGANIZER(S): Lawrence E. Estaville, Jr, Texas State University - San Marcos

CHAIR(S): Lawrence E. Estaville, Jr, Texas State University - San Marcos

4:00 Ines M. Miyares, Hunter College, *Latino America: Shifting Geographies, New Questions***4:20** Alan Marcus, University of Massachusetts, Amherst, *Brazilians in Massachusetts: Transnational Migrations and the Non-Spanish Speaking Latin Americans***4:40** Mark Reisinger, Binghamton University SUNY, *Social and Labor Force Experiences Among Latinos in Allentown, PA at the Beginning of the 21st*

Century

- 5:00 Christopher A. Airriess, Ball State University, *Geographical Scale and Exchange in an Ethnic Vietnamese Commercial Enclave in New Orleans, Louisiana*
- 5:20 Lawrence E. Estaville, Jr, Texas State University - San Marcos, *Latino Political Influence in the Texas Panhandle Plains, 1980-2004*

4527. Geographies of Wildfire: Managing Hazards and Natural Resources II

Room: *Director's Row H* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joseph Lewis, Ohio State University

4:00 Stephen Pyne, Arizona State University, *Fire Rectangle: Remove Any Side and the Fire Goes Out*

4:20 Allan K. Fitzsimmons, Department of the Interior, *The National Fire Plan: Past, Present, and Future*

4:40 Mr. David Schmidt, *The influence of fuel treatments and landscape arrangement on simulated fire behavior in mixed conifer forests in the southern Cascades, CA*

5:00 Sarah F. Trainor, University Of Alaska - Fairbanks, *The Role of Fire Fighting Wages in the Multiple Economies of Rural Interior Alaska*

5:20 Joseph Lewis, Ohio State University, *The Political and Discursive Geographies of Forest Management Legislation*

4530. Piers Blaikie's Life Work: Political Ecology Past, Present, and Future [Session 3]

Room: *Tower Court A* (Panel Session)

ORGANIZER(S): Joshua S.S. Muldavin, Sarah Lawrence College; Roger Alex Clapp, Simon Fraser University

CHAIR(S): Joshua S.S. Muldavin, Sarah Lawrence College

Introduction: Joshua S.S. Muldavin, Sarah Lawrence College

Introduction: Roger Alex Clapp, Simon Fraser University

Discussant(s): Piers Blaikie, University of East Anglia

Panelists: Paul Robbins, University of Arizona; Margaret I. FitzSimmons, UC Santa Cruz; Lucy Jarosz, University of Washington

4531. GIS and Environmental Health II (Sponsored by Medical Geography Specialty Group)

Room: *Tower Court B* (Paper Session)

ORGANIZER(S): Carol L. Hanchette, University of Louisville

CHAIR(S): Carol L. Hanchette, University of Louisville

4:00 David Johnson, *Geographic Patterns of Lead Exposure Potential in Syracuse, NY*

4:20 Daniel A. Griffith, University of Miami, *Locational Error and Pediatric Lead Poisoning Modeling in Syracuse, NY*

4:40 Talar Sahsuvaroglu, McMaster University, *Estimating air pollution exposure at the intra-urban level in Hamilton, Canada, and assessing the respiratory health outcomes*

5:00 Aniruddha Banerjee, Prevention Research Central, *A non-parametric approach for measuring environmental risk in disease rates*

4532. The Roles of Visualization in Spatial Data Mining (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): David Wong, George Mason University

CHAIR(S): Barbara Buttenfield, University of Colorado

4:00 Tong Zhang, San Diego State University, *Spatial Knowledge Discovery through an Integration of Visual Data Exploration with Data Mining*

4:20 Barbara Buttenfield, University of Colorado, *Data Resolution as a Possible Bias in Association Rule Mining*

4:40 Barry Joel Kronenfeld, George Mason University, *Algorithms for Cartographic Enhancement of Soft-Classified Images*

5:00 Yukio Sadahiro, University of Tokyo, *Spatial summarization of point distributions*

5:20 Zhiyong Hu, University of West Florida, *Urban Growth Modeling: Spatial Analysis, GIS, and Logistic Regression*

4533. Cultural Geographies Annual Lecture: Jane M Jacobs “A Geography of Big Things”

Room: Tower Court D (Panel Session)

ORGANIZER(S): Philip Crang, Royal Holloway, University of London

CHAIR(S): Philip Crang, Royal Holloway, University of London

4534. Political Ecology, Protected Areas and Natural Resource Management: Re-examining Conservation Paradoxes

Room: Grand Ballroom 1 (Paper Session)

ORGANIZER(S): Ms. Sharlene Mollett, University of Toronto

CHAIR(S): Ms. Sharlene Mollett, University of Toronto

Introduction: Ms. Sharlene Mollett, University of Toronto

4:05 Kim Beazley, University of Toronto, *Culture, history, political economy, ecology and the “production” of nature: The case of Madhav National Park, India.*

4:20 Ms. Sharlene Mollett, University of Toronto, *Entanglements: Race, Place, Discourse and Natural Resource Struggles in the Honduran Rio Platano Biosphere Reserve*

4:35 Ratna Radhakrishna, University of Kansas, *Place-based identities and gendered livelihood struggles in the Rio Plátano Biosphere Reserve, Honduras: Complex realities of the local-global encounter*

4:50 Ms. Nicole Simms, *Women’s Indigenous Knowledge And Community Forest Management In British Columbia: A Case Study With The Huu-ay-aht First Nation*

Discussant(s): Dianne E. Rocheleau, Clark University

4535. Water Supplies and Hydrology*Room: Grand Ballroom 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey Simley, United States Geological Survey

4:00 Wendy W Patzewitsch, Texas A&M University, *The Standortsproblem of Water***4:20** Mr. Frederik Kulpi, University of Stuttgart, *Characterization of the Urban Water use landscape Phoenix and Mesa a comparison***4:40** Jeffrey Simley, United States Geological Survey, *Surface Water Hydrography for the Nation***4536. Responding to Climate Change III: Governance and Social Action (Sponsored by Human Dimensions of Global Change Specialty Group)***Room: Colorado (Paper Session)*

ORGANIZER(S): Harriet Bulkeley, University Of Durham; Susanne Moser, National Center for Atmospheric Research

CHAIR(S): Harriet Bulkeley, University Of Durham

4:00 Henny Osbahr, University of Oxford, *Adapting to climate change: successful action, resilience and social learning in Southern Africa***4:20** Ingrid Thorsen Norland, *Local climate vulnerability and adaptation: vulnerability assessments for local policy-making. Experiences from Norway.***4:40** Susanne Moser, National Center for Atmospheric Research, *In the long shadows of inaction: The quiet building of a climate protection movement in the United States***5:00** Sue Hunter, *Harnessing Community Energies: Analysis of Policy Change and Discourse in the UK*

Discussant(s): Diana M. Liverman, University Of Oxford

4537. Climate and Cryosphere IV: Snow System Science (Sponsored by Climate Specialty Group, Cryosphere Specialty Group, Mountain Geography Specialty Group)*Room: Silver (Paper Session)*

ORGANIZER(S): Frederick E. Nelson, University of Delaware; Ulrich Kamp, DePaul University

CHAIR(S): Karl Birkeland, USDA Forest Service Nat'l Avalanche Center

4:00 Allan Frei, Hunter College, *Snow mass over North America: observations and results from the second phase of the Atmospheric Model Intercomparison Project (AMIP-2)***4:20** Anne W. Nolin, Oregon State University, *Mapping "At Risk" Snow Cover in the Pacific Northwest***4:40** Karl Birkeland, USDA Forest Service Nat'l Avalanche Center, *Temporal evolution of the spatial variability of the snow stability and its relationship to snow avalanche potential***5:00** Spencer Logan, Department of Earth Sciences, Montana State University, *Spatial and temporal variations of shear strength within avalanche study plots***5:20** Mr. David Selkowitz, Oregon State University, *Measuring and modeling snow cover variability across a range of vegetation zones and climate regimes in Glacier National Park, Montana, USA*

4538. More Sex! More Gender! (Sponsored by Sexuality and Space Specialty Group, Geographic Perspectives on Women Specialty Group)*Room: Gold* (Paper Session)

ORGANIZER(S): Kathryn J. Besio, University of Hawaii at Hilo; Robyn Longhurst, University of Waikato

CHAIR(S): Kathryn J. Besio, University of Hawaii at Hilo

4:00 Charlotte Kenten, University of Sheffield, *Embedded and Intimate Risks***4:20** Petra L. Doan, Florida State University, *Cognitive Dimensions of Queer Space: Mapping Safe Neighborhoods in Gay and Lesbian Residential Areas***4:40** Lynda Johnston, *'I do' Down-Under: Naturalising landscape and love through wedding tourism in New Zealand***5:00** Robyn Longhurst, University of Waikato, *'Hot Mammals': Pregnant, proud and sexy*

Discussant(s): Pamela Moss, University of Victoria

4539. Feminists in our Midst: How Feminism has Infiltrated the Discipline (Sponsored by Geographic Perspectives on Women Specialty Group)*Room: Century* (Panel Session)

ORGANIZER(S): Trina Hamilton, Clark University; Winifred Curran, DePaul University

CHAIR(S): Robin Roth, York University

Panelists: Winifred Curran, DePaul University; Steven Flusty, Department Of Geography, York University; Trina Hamilton, Clark University; Robin Roth, York University; Kevin St. Martin, Rutgers University; Patricia K. Wood, York University

4540. Synoptic Climatology II: Climatic Variability and Future Climates (Sponsored by Climate Specialty Group)*Room: Spruce* (Paper Session)

ORGANIZER(S): Claudia K. Walters, U of M Dearborn; Julie Winkler, Michigan State University

CHAIR(S): Julie Winkler, Michigan State University

4:00 David L. McGinnis, University of Arizona, *Synoptic Climate Sequences and Snowpack Conditions in the Greater Yellowstone Area***4:20** Adam W. Burnett, Colgate University, *Synoptic-scale circulation and its role in winter Antarctic Peninsula warming***4:40** Jenna McPhee, *Downscaling Climate Predictions for Local Applications***5:00** Galina Guentchev, Michigan State University, *Estimating Changes in Variability in a Perturbed Climate Using an Ensemble Approach***5:20** Kerek Piromsopa, *The Use of Data Mining Techniques to Construct Regional Climate Scenarios*

4541. American Geography (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)*Room: Denver* (Paper Session)

ORGANIZER(S): Douglas A. Hurt, California State University, Fresno; Matthew Engel, University of Nebraska

CHAIR(S): Matthew Engel, University of Nebraska

4:00 Ezra Zeitler, *American High School Athletic Team Names: A Geographic Appraisal***4:20** Kevin S. Blake, Kansas State University, *Imagining Heaven and Earth at Mount of the Holy Cross, Colorado***4:40** Jeffrey S. Smith, Kansas State University, *Creating a Place for Latino Laborers in Telluride, Colorado***5:00** Douglas A. Hurt, California State University, Fresno, *Teaching and Research in Historical Geography: A Survey of U.S. Practitioners***5:20** Matthew Engel, University of Nebraska, *Prisons in the Midwest: No Longer Part of the NIMBY Phenomenon***4543. Economic Influences in Agriculture***Room: Beverly* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Luke Muller, South Dakota State University

4:00 Julie Hamilton, Cal State San Bernardino, *Uncovering The Roots of Industrial Agriculture***4:20** Monica G Stephens, *Meat or Wheat?***4:40** Keshav Bhattarai, Central Missouri State University, *Spatial-Economic Consideration in Dairy Manure Use and Transportation in a Dairy Production Region in Louisiana***5:00** Luke Muller, South Dakota State University, *Impacts of Ethanol Plants on Local Corn Bids in Eastern South Dakota***4544. Regional Development, Religion, Archeology, Land Use and Employment***Room: Biltmore* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Hyun-Joo Jung, University of Minnesota

4:00 Daniel Bacon, *Preservation Versus Progress: How Maine's Coastal Communities Are Handling the Question of Development***4:20** Mark A. Hummer, *The Liturgical Orientation of Churches and Graveyards in Nineteenth Century Southwestern Ontario***4:40** John B. Anderton, Northern Michigan, *Geoarchaeological Investigations of Grand Island, Michigan***5:00** Claire Jamieson, University of Tennessee, *Down times in the Upstate; textile mill closures and mills towns***5:20** Hyun-Joo Jung, University of Minnesota, *Neoliberal Land Use Policy and Contesting Geographical Imaginations*

4545. Teaching Food*Room: Capitool* (Panel Session)

ORGANIZER(S): Gail Hollander, Florida International University; Julie Guthman, Univ of California Santa Cruz

CHAIR(S): Gail Hollander, Florida International University

Panelists: Susanne E. Freidberg, Dartmouth College; Daniel Block, Chicago State University; Julie Guthman, Univ of California Santa Cruz; Gail Hollander, Florida International University; E. Melanie Dupuis, University of California

4546. Nature and/in the Entrepreneurial City (Sponsored by Cultural and Political Ecology Specialty Group, Urban Geography Specialty Group)*Room: Columbine* (Paper Session)

ORGANIZER(S): Alec Brownlow, Temple University; Jason A. Byrne, University of Southern California

CHAIR(S): Alec Brownlow, Temple University

4:00 Alec Brownlow, Temple University, *The Nature of Competition: Entrepreneurial Ecology in Philadelphia***4:20** Alana Boland, University of Toronto, *Environmental governance in urban China: Natural competition and the greening of cities***4:40** Jason A. Byrne, University of Southern California, *The Park Made of Oil: Towards A Historical Political Ecology of the Baldwin Hills***5:00** Clare Blake, Loughborough University, *Entrepreneurial urban governments and the environmental policy of the European Union.*

Discussant(s): Roger Keil, York University

4547. Post-Conflict Landscapes (Sponsored by Cultural and Political Ecology Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Geographic Perspectives on Women Specialty Group)*Room: Terrace* (Paper Session)

ORGANIZER(S): Michael K. Steinberg, Louisiana State University; Maureen Hays-Mitchell, Colgate

CHAIR(S): Michael K. Steinberg, Louisiana State University

4:00 Jon Unruh, Indiana University, *Post Conflict Land Tenure in East Timor: Bridging the Formal Informal Legal Domain***4:20** Matthew Taylor, University Of Denver, *Life in the Village that Stayed: Memories of a Guatemalan Civil Patroller***4:40** Ms. Jemima García-Godos, *Victim or actor - Does it make any difference what reparations are for?*

Discussant(s): Mark Bonta, Delta State University

4548. Landscape Suitability Models and GIS for Community Planning: A Case study of Fulton County, Ohio

Room: Savoy (Panel Session)

ORGANIZER(S): Patrick Lawrence, University of Toledo

CHAIR(S): Patrick Lawrence, University of Toledo

Panelists: Patrick Lawrence, University of Toledo; Kevin Czajkowski, University of Toledo; Samuel Aryeetey-Attoh, University Of Toledo

4549. Geographies of the Middle East and the Arab World II: Research Agendas and Challenges (Sponsored by Middle East Specialty Group, Asian Geography Specialty Group)

Room: Majestic Ballroom (Panel Session)

ORGANIZER(S): Colin Flint, Pennsylvania State University; Reecia Orzeck, Syracuse University

CHAIR(S): Reecia Orzeck, Syracuse University

Panelists: Ghazi Falah, University of Akron; Hussein A. Amery, Colorado School of; Anna J Secor, University of Kentucky; Dona J. Stewart, Georgia State University; Colin Flint, Pennsylvania State University

4550. Market Reason, Market Rationality, Market Regimes (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)

Room: Vail (Paper Session)

ORGANIZER(S): Adam Tickell, University of Bristol; Jamie Peck

CHAIR(S): Adam Tickell, University of Bristol

4:00 Helga Leitner, University Of Minnesota - Minneapolis, *Contesting Urban Futures: Theorizing and mapping contestations of neoliberalism*

4:20 Wendy Larner, University of Auckland, *Co-constituting Neoliberalism: Globalising Governmentalities and Political Projects in Aotearoa New Zealand*

4:40 Jamie Peck, *Neoliberal imaginaries*

5:00 Katharyne Mitchell, *Neoliberal Subjects: Education and the New Double Standards*

5:20 Nik Theodore, *Pathways of neoliberalization: towards a comparative analysis of urban governance restructuring in Western Europe and North America*

6:00 p.m. - 7:30 p.m.**4621. Plenary: Geographies of Fear and Hope II: Environments, Societies and Sustainability**

Room: Plaza Ballroom D (Plenary Session)

Introduction: Gilbert White, Professor Emeritus of Geography at University of Colorado, Boulder

Steve Schneider, Department of Biological Sciences, Stanford University*

Jennifer Wolch, Department of Geography, University of Southern California

Brian Klinkenberg, Department of Geography, University of British Columbia

Jennifer Hyndman, Department of Geography, Simon Fraser University

*Dr. Schneider is appearing as the Decade of Behavior Distinguished Lecture

8:30 p.m. - 12:30 a.m.**Western Film Series**

Room: Grand Ballroom I

Organizer: Douglas Richardson, Association of American Geographers

The Misfits. (1961) 8:30 p.m.

This Western classic will be introduced by geographer Dydia DeLyser. Directed by John Huston, screenplay by the late Arthur Miller, starring Marilyn Monroe, Clark Gable, and Montgomery Clift.

Things to Do in Denver When You're Dead (1995) 10:30 p.m.

This Denver cult film will be introduced by geographers Christopher Lukinbeal and Stuart Aitken. Directed by Gary Fleder, screenplay by Scott Rosenberg, starring Andy Garcia, Christopher Lloyd, and Steve Buscemi.

8:00 a.m. - 9:40 a.m.**5101. Urban Planning and Development: Regional Perspectives (Sponsored by Regional Development and Planning Specialty Group)***Room: Plaza Court 1 (Paper Session)*

ORGANIZER(S): Mr. Sudhir K. Thakur, University of North Dakota; George M. Pomeroy, Shippensburg University

CHAIR(S): Rajrani Kalra, Kent State University

8:00 Dennis Tobin, *A Town Plan Complete with Circuses, Corporations, and Community***8:20** Christopher Spahr, *A Study of Gentrification in the Midtown and Uptown Regions of Harrisburg, Pennsylvania***8:40** Mr. Ebenezer Agbobli, *Urbanization and its Impacts on Pollution of drainage basins: A Comparative Analysis Of South-Central Pennsylvania And Ghana***5102. Unifying Themes and Issues in AAG Biogeography I (Sponsored by Biogeography Specialty Group)***Room: Plaza Court 2 (Paper Session)*

ORGANIZER(S): J. Anthony Stallins, Florida State University; George Malanson, University of Iowa

CHAIR(S): J. Anthony Stallins, Florida State University

8:00 Mark Blumler, SUNY-Binghamton, *Invasion Rules: Ecological, or Geographical?***8:20** Matthew F. Bekker, Brigham Young University, *Biogeographers on the Edge (and the Ecotone)***8:40** Jacob Bendix, Syracuse University, *Consideration of Scale in Biogeography***9:00** J. Anthony Stallins, Florida State University, *A complex systems biogeomorphology and its relevance to biogeography***9:20** George Malanson, University of Iowa, *Complexity and dynamics in biogeography***5103. Teaching Introductory Cultural and World Regional Geography Courses (Sponsored by Community College Affinity Group, Geography Education Specialty Group)***Room: Plaza Court 3 (Paper Session)*

ORGANIZER(S): Herschel Stern, Miracosta College

CHAIR(S): Herschel Stern, Miracosta College

8:00 Herschel Stern, Miracosta College, *Elections as a Teaching Opportunity in Cultural Geography***8:20** David J Rutherford, National Geographic Society, *Introductory Courses: Instructor Learning Styles and Disciplinary Identities*

5104. An Agenda for Recreation, Tourism and Sport Geographies (Sponsored by Recreation, Tourism, and Sport Specialty Group)*Room: Plaza Court 4 (Panel Session)*

ORGANIZER(S): Deborah L. Che, Western Michigan University; Alan A. Lew, Northern Arizona University

CHAIR(S): Deborah L. Che, Western Michigan University

Introduction: Deborah L. Che, Western Michigan University

Panelists: Dallen J. Timothy, Arizona State University; Rebecca Torres, East Carolina University; Robert L. Janiskee, University of South Carolina; Dimitri Ioannides, Southwest Missouri State University; Alan A. Lew, Northern Arizona University; Lisle S. Mitchell, University Of South Carolina

5105. Tourism Theory (Sponsored by Recreation, Tourism, and Sport Specialty Group)*Room: Plaza Court 5 (Paper Session)*

ORGANIZER(S): Michelle Marie Metro-Roland, Indiana University

CHAIR(S): Michelle Marie Metro-Roland, Indiana University

8:00 Rudi Hartmann, University of Colorado, *"The World at an Age of Recreational Travel and Tourism" 1983 Denver AAA Paper Revisited***8:20** John Davenport, California State University Northridge, *Consuming the Dark Landscape: Meaning and Motivation in the Visitation of Dark Tourism Sites***8:40** Michelle Marie Metro-Roland, Indiana University, *The Impossibility of Unmediated Tourism: Pregnant Signs & Bustling Alleys in Skopje, Macedonia***9:00** Ms. Caroline Scarles, *Becoming Tourist: Visual Moments and Photographic Theory in Understanding the Tourist Experience***9:20** Daniel C. Knudsen, Indiana University, *Tourism and Theory: An Examination of Theoretical Frameworks for the Study of Tourism***5106. The Wide Wicked Web: Exploring the Unusual and Underground Internet (Sponsored by Economic Geography Specialty Group, Communication Geography Specialty Group, World Wide Web Specialty Group)***Room: Plaza Court 6 (Paper Session)*

ORGANIZER(S): Matthew Zook, University of Kentucky

CHAIR(S): Matthew Zook, University of Kentucky

8:00 Mark Graham, University of Kentucky, *Patterns of Internet Dating and Partner Search***8:20** Matthew Zook, University of Kentucky, *Spam, Spam, Spam, Glorious Spam: Uncovering the Geographic Contours of Bulk, Unsolicited Email***8:40** Prof. Sean Gorman, George Mason University, *The Geography of Spam? An Exploratory Analysis of the Origins of Unsolicited Email***5107. Mountain Geography: The Human Dimension (Sponsored by Mountain Geography Specialty Group)***Room: Plaza Court 7 (Paper Session)*

ORGANIZER(S): Ulrich Kamp, DePaul University

CHAIR(S): Barbara Brower, Portland State University

8:00 Jack D. Ives, UC-Davis, Honor, *Bhutan and the Repression of Its Hindu Minority*

- 8:20 Jennifer K Lipton, University Of Texas, Austin, *Management and land cover change in Huascaran National Park, Peru*
- 8:40 Irena Mrak, *Mountain Tourism Development Potentials in Central Asia*
- 9:00 Peter Anderson, United States Military Academy, *Mountains and Mountaineering*
- 9:20 Barbara Brower, Portland State University, *Inventing a Region: Defining and Selling High Asia*

5108. Law, Geography, and Genealogy (Sponsored by Political Geography Specialty Group)

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): Mathew Coleman, Dep. of Geography, UCLA; Joshua Barkan, University of Minnesota

CHAIR(S): Nicholas Blomley, Simon Fraser University

8:00 Dragos Simandan, Brock University, *Denial, Law and the Quest for Authentic Modernity*

8:20 Nick Howe, University Of California - Los Angeles, *"Collective authorship, cultural rights, and the bounds of personhood"*

8:40 Joshua Barkan, University of Minnesota, *From Police to Political Economy: The Corporate Charter and the Changing Geography of Power*

9:00 Mathew Coleman, Dep. of Geography, UCLA, *The Geopolitics of Law: Hans Morgenthau, Carl Schmitt, and the Friend/Enemy Distinction*

Discussant(s): Nicholas Blomley, Simon Fraser University

5109. Rural China I: Agriculture and development (Sponsored by China Specialty Group)

Room: Governor's Square 9 (Paper Session)

ORGANIZER(S): Stanley Toops, Miami University

CHAIR(S): Cindy Fan, UCLA

8:00 Gregory Veeck, Western Michigan University, *Fruit Farmers in Shandong, China: A Survey of Farmer's Strategies and Views*

8:20 Wei Xu, University of Lethbridge, *Impacts of Agricultural to Forest Land Conversion: A Case of Mountainous Areas in China*

8:40 Stanley Toops, Miami University, *Xinjiang's Rural Production System and the Production Construction Corps*

9:00 Shuming Bao, University of Michigan, *Migration, Urbanization and Regional Development of China*

5110. Mountain Rivers I: Watershed Dynamics and Regional Relationships (Sponsored by Geomorphology Specialty Group, Mountain Geography Specialty Group)

Room: Governor's Square 10 (Paper Session)

ORGANIZER(S): Anne Chin, Texas A&M University; Ellen Wohl

CHAIR(S): Ellen Wohl

Introduction: Anne Chin, Texas A&M University

8:00 Prof. Stephen Taylor, Western Oregon University, *Lithologic Controls on Watershed Morphology in the Central Oregon Coast Range: Towards Extrapolation of Tye-Based Models to Other Bedrock Types*

- 8:20** Martin D. Lafrenz, University of Tennessee, *Headwaters Catchment Classification*
- 8:40** Mindy Conyers, *A regional evaluation of channel roughness estimates in streams of the southern Sangre de Cristo Range, New Mexico*
- 9:00** Pat McDowell, University of Oregon, *Spatial relationships of step-pool and riffle-pool channels in the Oregon Coast Range using stream survey data*
- 9:20** Mr. Aaron Nickolotsky, *Step-pool and Cascade Morphology of Bowers Hollow Creek, a wilderness headwater of the Buffalo National River, Arkansas.*

5111. Paleobiogeography III: Paleoecological Evidence of Prehistoric Human Activity in the Circum-Caribbean Region (Sponsored by Biogeography Specialty Group)

Room: Governor's Square 11 (Paper Session)

ORGANIZER(S): Robert Andrew Dull, University of Texas at Austin; Catherine Yansa, Michigan State University

CHAIR(S): Robert Andrew Dull, University of Texas at Austin

8:00 Jungjae Park, UC Berkeley, *Pre- and post-Conquest Environmental Disturbance in Highland Mexico: A High Resolution Record from Rincon de Parangueo, Guanajuato, Mexico*

8:20 Chad S. Lane, University Of Tennessee, *Preliminary Multi-Proxy Evidence of Paleoenvironmental Change in the Mid-Elevations of the Cordillera Central, Dominican Republic*

8:40 Rachel Isaacs, *Late Holocene Human Settlement and Vegetation Change from Ometepe Island, Nicaragua*

9:00 Kyle J. Schlachter, University of Tennessee, *Macroscopic Charcoal Evidence of Holocene Fire History at Laguna Estero Blanco, Northwestern Costa Rica*

9:20 Allison Stork, The University of Tennessee, *Pollen and Charcoal Analysis of Sediment Cores from West Pond, Great Abaco Island, the Bahamas*

5112. GIS and Cancer

Room: Governor's Square 12 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Zaria Tatalovich, University of Southern California

8:00 John MacLachlan, *Visualizing and Exploring Participation Rates of the Ontario Breast Screening Program*

8:20 Ms. Bing Shi, Texas A&M University, *Spatial-Temporal Patterns of Breast Cancer Mortality in the United States*

8:40 Srinivas Vinnakota, Louisiana State University, *Spatial Association Rule Mining of Cancer Mortality with respect to Demographic and Environmental Factors.*

9:00 Xiao Wang, University of Illinois, *Improve Cancer Cluster Analysis with Exploratory Spatial Data Analysis*

9:20 Zaria Tatalovich, University of Southern California, *GIS Analysis of Average Cumulative Sun Exposure and Melanoma Risk*

5114. Tourism Geography: International Perspectives*Room: Governor's Square 14 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mohammed T. Al-Yousef, King Saud

8:00 Mohammed T. Al-Yousef, King Saud, *Tourism Seasonality Patterns in Saudi Arabia.***8:20** Ms. Harnng Luh Sin, *'Involve me and I will learn': A Study of Volunteer Tourism originating from Singapore***8:40** Ms. Noga Kadman, *The Marginalization of the Depopulated Palestinian Villages in Tourist Sites of the Jewish National Fund in Israel***9:00** Jeong-Rock Lee, Department of Geography, Chonnam National University, Korea, *Geography of Community Festivals and Events in South Korea: 1991-2002***5116. Minority Issues In Urban Transport Geography (Sponsored by Transportation Geography Specialty Group)***Room: Governor's Square 16 (Paper Session)*

ORGANIZER(S): Prof. Selima Sultana, University of North Carolina-Greensboro; Ibipo Johnston-Anumonwo, SUNY Cortland

CHAIR(S): Ibipo Johnston-Anumonwo, SUNY Cortland

8:00 Prof. Selima Sultana, University of North Carolina-Greensboro, *Measuring Job Accessibility in Segregated Neighborhoods in Atlanta***8:15** Lucia Lo, York University, *A GIS Approach to Examining the Delivery of Immigrant Settlement Services in Toronto***8:30** Jayajit Chakraborty, University of South Florida, *Incorporating Environmental Justice Considerations in the Transportation Planning Process: An Evaluation of Proposed Highway Improvements in Central Florida***8:45** Ibipo Johnston-Anumonwo, SUNY Cortland, *Persistent Constrained Commutes for African Americans*

Discussant(s): Sara McLafferty, University of Illinois

5117. GIS and Indigenous People (Sponsored by Geographic Information Science and Systems Specialty Group, Indigenous Peoples Specialty Group)*Room: Governor's Square 17 (Panel Session)*

ORGANIZER(S): David M. Mark, University at Buffalo; Mark H. Palmer, University of Oklahoma

CHAIR(S): David M. Mark, University at Buffalo

Panelists: Mark H. Palmer, University of Oklahoma; Christopher Badurek; L. HoMana Pawiki, Northern Arizona University; Mr. Eugene Martin; David Stea, Texas State University - San Marcos; David M. Mark, University at Buffalo; Renee Pualani Louis, University of Hawaii

5118. Immigration and Citizenship I: Challenging Identities (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group)

Room: Plaza Ballroom A (Paper Session)

ORGANIZER(S): Mary Gilmartin; Robert Kitchin, National University Of Ireland
CHAIR(S): Mary Gilmartin

8:00 Allen White, *Legal Geography and Asylum in Ireland*

8:20 Ms. Tracy Simmons, University of Leicester, *Maintaining marriage, immigration and the regulation of same-sex relationships.*

8:40 Jon R. Binnie, Manchester Metropolitan University, *Scaling Sexual Citizenship: Globalization and the Queer Politics of Mobility*

9:00 Valerie Preston, York University, *Transnationalism Through the Life Course: Unpacking Concepts and Stereotypes*

9:20 Richard A. Schroeder, Rutgers University, *South Africans in Tanzania: Boundaries of Race and Nation in Post-Apartheid Africa*

5119. Translocal Subjectivities: Mobility, Connection and Emotion I

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): David Conradson, University of Southampton; Deirdre McKay
CHAIR(S): David Conradson, University of Southampton

8:00 Shirlena Huang, National University of Singapore, *'Moving Geographies' and 'Maid Abuse': Domestic Violence in Singapore*

8:20 Deirdre McKay, *Migrant shame: the quotidian politics of re-emplacement in the Philippines*

8:40 Ms. Divya Tolia-Kelly, University of Durham, *Nurturing Ecologies: Exploring the affective registers of post-colonial mobility at Lake Windermere*

9:00 Karen Dias, University Of Minnesota, *The politics of refugee 347trauma and the new colonialism of compassion*

Discussant(s): Patricia Ehrkamp, Miami University Of Ohio

5120. Quantitative Techniques

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ron McChesney, Ohio State University

8:00 Diansheng Guo, University of South Carolina, *Measuring Geographically Varying Bivariate Patterns*

8:20 Jia Lu, *Modeling Population Density Using GIS and Remote Sensing Data*

8:40 Arthur Allaway, University of Alabama, *Comparing Spatial Diffusion Models of Adoption of a New Product Launched from Multiple Sites*

9:00 Ms. Beth Hall, University of Nevada Reno, *A Statistical Methodology for Identifying Synoptic Fire Occurrence Potential*

9:20 Ron McChesney, Ohio State University, *The use of Markov Chains as a Input for Urban Growth Models, and as an Evaluation Tool for Urban Growth Model Outputs*

5121. Living Room: Rematerialising the Home

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): Jane Jacobs, University Of Edinburgh; Prof. Susan Smith

CHAIR(S): Jane Jacobs, University Of Edinburgh

Introduction: Prof. Susan Smith

8:05 Jane Jacobs, University Of Edinburgh, *The Cultivation of Taste: Interior Design and modernisation in post-independence Singapore*

8:25 Alison Blunt, Queen Mary, University of London, *Domicile: house and home for Anglo-Indians in imperial Calcutta*

8:45 Robyn Dowling, Macquarie University, *Creating a Family Home*

9:05 Prof. Susan Smith, *Dematerializing money; rematerializing home*

Discussant(s): Geraldine J. Pratt, University Of British Columbia

5122. Landscape Change, Policy and Space in Asia

Room: Plaza Ballroom E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Tracy Hunter Allen, SUNY-Oneonta

8:00 Netra Chhetri, The Pennsylvania State University, *Adaptive management: building resilience through conservation farming to variable climate in the Himalayas*

8:20 Mr. Raye Ng, *Chinese capitalism in contemporary Singapore*

8:40 Patrick Conti, University of Montana, *Holy Water-Sacred Land: Land and Water Reofrm in Uzbekistan*

9:00 Ms. Man Wang, *Reevaluating Regional Disparities in China*

9:20 Tracy Hunter Allen, SUNY-Oneonta, *Patterns of Montane Forest Cover and Deforestation in the Kham Region of Eastern Tibet, China*

9:30 Cmdr. Eric Larsen, *Patterns of Montane Forest Cover and Deforestation in the Kham Region of Eastern Tibet, China*

5123. Vegetation and Climate

Room: Plaza Ballroom F (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nicholas R. Malizia, Clark University

8:00 Douglas M. Muchoney, United States Geological Survey, *Linking in situ and satellite data for monitoring vegetation phenology*

8:20 David Harms Holt, Miami University, *Fallacy of the Human Climate Record or Reconstructed Climate Record? A study of paleoclimatic proxies in Southern England, AD 220-1750, and historical documents.*

8:40 Ms. Catherine Lee Spruance, University of Utah, *A High Resolution Record of Climate, Fire and Disturbance from the Black Range, Southwestern New Mexico, USA.*

9:00 Rebecca Rowe, *Changes in community composition over time: response to changes in land use or climate?*

9:20 Nicholas R. Malizia, Clark University, *Assessing vegetation response to precipitation variation in the southern Yucatán peninsular region of Mexico*

5124. Geography, Food Systems, Public Health, and Supermarkets (Sponsored by Medical Geography Specialty Group, Rural Geography Specialty Group, Urban Geography Specialty Group)

Room: Director's Row E (Paper Session)

ORGANIZER(S): Daniel Block, Chicago State University

CHAIR(S): Daniel Block, Chicago State University

8:00 Steven Garrett, University of Washington, *Coming Back to the Foodshed: Ecological Imagination, Pedagogy, and Social Action*

8:20 Sylvia-Linda Kaktins, University Of Toledo, *Is the Toronto Food Policy Council a Community Food System*

8:40 Ms. Hannah Burton, *Analyzing the unmet demand for supermarkets in urban areas*

9:00 Lori Glass, *Analyzing the supply of supermarkets in low-income areas and its impact on low-income residents*

9:20 Daniel Block, Chicago State University, *Supermarkets, Corner Stores, and Access to Healthy Food Choices in an Inner-City Chicago Neighborhood and Beyond*

5125. New Geographies of Education I: Emerging Perspectives on the Spatialities of Education (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Geography Education Specialty Group)

Room: Director's Row F (Paper Session)

ORGANIZER(S): Rebecca Theobald, University of Colorado - Boulder; Claudia Hanson Thiem, University of Wisconsin-Madison

CHAIR(S): Rebecca Theobald, University of Colorado - Boulder

8:00 Tim Freytag, Universität Heidelberg, *Introducing "Bildungsgeographie" knowledge and education in German speaking human geography*

8:20 Ms. Jessica Pykett, UNIVERSITY BRISTOL, *The Geographies of Citizenship Education: Theories, Policies and Practices*

8:40 Claudia Hanson Thiem, University of Wisconsin-Madison, *Privatizing the Spaces of Education: Geographies of the U.S. Home Schooling Movement*

Discussant(s): Craig Jeffrey

5127. Disaster Management: Risk Perception, Transportation Issues, and GIS Analysis (Sponsored by Hazards Specialty Group)

Room: Director's Row H (Paper Session)

ORGANIZER(S): Deborah Thomas, University of Colorado, Denver

CHAIR(S): Prof. John P. Tiefenbacher, Texas State University

8:00 Ron R. Hagelman, University of New Orleans, *Hurricane Evacuation and Risk Perception among New Orleans Residents*

8:20 Jamie Mitchem, California University of Pennsylvania, *Using GIS to Enhance Emergency Management: Spatial Variability of Natural Hazards and Social Vulnerability in Pennsylvania Counties*

8:40 Tim G Frazier, Penn State, *When Speed Really Matters: The Effect of Subdivision Morphology on Evacuation in the Carolina Lowcountry*

9:00 Prof. John P. Tiefenbacher, Texas State University, *Roadway Hazard Patterns during Flash-flood Events in Texas*

9:20 James K. Mitchell, Rutgers University, *Reconceiving post-disaster recovery in light of Tangshan's experience*

5130. Nature, Politics, and Resources in the Arid Realm I

Room: Tower Court A (Paper Session)

ORGANIZER(S): Daanish Mustafa, University of South Florida

CHAIR(S): Douglas L. Johnson, Clark University

8:00 William E. Doolittle, University of Texas, *Rich or Poor, Floodplain Farming is Difficult and Precarious*

8:20 Petra Tschakert, McGill University, *Social vulnerability, risks, and carbon dollars: Lessons from Senegal*

8:40 Daanish Mustafa, University of South Florida, *The Political Ecology of Transition from Karez to Tubewell Irrigation in Balochistan, Pakistan*

9:00 Sunita P. Reddy, New School University, *Inventing Futures in the Waterscape of Andhra Pradesh, India*

5131. Climatological Studies of Severe Weather I (Sponsored by Climate Specialty Group)

Room: Tower Court B (Paper Session)

ORGANIZER(S): Walker S. Ashley, University Of Georgia; P. Grady Dixon, Arizona State University

CHAIR(S): Walker S. Ashley, University Of Georgia

8:00 P. Grady Dixon, Arizona State University, *Effects of gulf surge moisture on severe weather in Arizona*

8:20 William Monfredo, University of New Orleans, *Infamous Texas Tornadoes' Enduring Legacy Upon the Landscape*

8:40 Nathan Hitchens, *False Severe Weather Perceptions in the Midwestern United States.*

5132. Weather and Society: The Impact of Contemporary Meteorology/Climatology on Social, Cultural and Conceptual Dimensions of Weather Knowledge (Sponsored by Climate Specialty Group, Human Dimensions of Global Change Specialty Group)

Room: Tower Court C (Paper Session)

ORGANIZER(S): Jeff Brunskill, University at Buffalo; Mr. Samuel Randalls, University of Birmingham

CHAIR(S): Jeff Brunskill, University at Buffalo

8:00 Mr. Samuel Randalls, University of Birmingham, *Weather Derivatives: Changing corporate understandings of the weather*

8:20 Ms. Akiko Yamane, *Rethinking vulnerability to climate change in Hambantota district of Sri Lanka*

8:40 Jeff Brunskill, University at Buffalo, *Experientially Defined Weather Concepts*

9:00 Richard W. Dixon, Texas State University, *Newspaper Weather Pages: A Content Analysis Study*

Discussant(s): Mr. Samuel Randalls, University of Birmingham

5133. Migration and Urban Management in Africa*Room:* Tower Court D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Elizabeth A. Fraser, SUNY Cortland

8:00 Rodrick A. Hay, CSU Dominguez Hills, *Tracking Tonga Tribe Migration in Southern Province, Zambia using Thematic Mapper Imagery.***8:20** Tadesse Kidane-Mariam, Edinboro University Of Pennsylvania, *The Historical evolution of Municipal Management in Addis Ababa, Ethiopia***8:40** Udesh U. Pillay, Human Sciences Research Council, *Urban Public Policy in South Africa Since 1994: Critical Reflections***9:00** Elizabeth A. Fraser, SUNY Cortland, *Spontaneous Frontier Migration as a Challenge to Protected Areas in Developing Countries***5135. Water Topics***Room:* Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Scott Salmon

8:00 Mr. Joel W. Helmer, Oklahoma State University, *I Love This Whole Dam Thing: Tailwater Trout in the Arkansas Ozarks***8:20** Firooza Pavri, University Of Southern Maine, *Water rights and vulnerability in the Kansan Great Plains***8:40** Marieta Staneva, Pennsylvania State University, *Water in Bulgarian Culture***9:00** Jeffrey Masse, *Mountain in a Bottle: Place, Time, and Packaged Water***9:20** Scott Salmon, *Privatization and the Production of Drinking Water in Atlanta, Georgia***5136. Foundations and Prospects for Participatory Geographic Information Science (Sponsored by Geographic Information Science and Systems Specialty Group)***Room:* Colorado (Panel Session)

ORGANIZER(S): Timothy L. Nyerges, University of Washington

CHAIR(S): Timothy L. Nyerges, University of Washington

Panelists: Rina Ghose, University Of Wisconsin Milwaukee; Suzana Dragicevic, Simon Fraser University; Keiron Bailey; Trevor M. Harris, West Virginia University; Robert B. McMaster, University Of Minnesota - Minneapolis; Timothy L. Nyerges, University of Washington

5137. Privatization: Property, Nature, and Subjectivities I (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group)*Room:* Silver (Paper Session)

ORGANIZER(S): Becky Mansfield, Ohio State University

CHAIR(S): Scott Prudham, Department of Geography, University Of Toronto

8:00 Becky Mansfield, Ohio State University, *Understanding privatization: geographies of public and private in the constitution of property***8:20** Ms. Punam Khosla, *Privatizing the City: Segregation and citizenship in western urban space***8:40** Johanna Haas, Ohio State University, *This land is my land: Individual property rights and the struggle against mining in West Virginia*

9:00 Gavin Bridge, Syracuse University, *Patented Ground: property relations, geological science and the techno-politics of producing private mining rights*
 Discussant(s): Wendy Lerner, University of Auckland

5138. Issues with Spatial Analysis and Modeling (Sponsored by Spatial Analysis and Modeling Specialty Group)

Room: *Gold* (Paper Session)

ORGANIZER(S): David Wong, George Mason University

CHAIR(S): Fahui Wang, Northern Illinois University

8:00 Marco Millones, University of Miami, *Settlement Classification in Cusco, Peru: hierarchy and urban-rural continuum and*

8:20 Petra A. Zimmermann, Ball State University, *Rules-based population modeling and environmental factors: are climate variables necessary?*

8:40 Jason (Guangquan) Su, University of British Columbia, *Developing a Geomatics Protocol for Urban Air Pollution Sampling Based on a Range of Input Data*

9:00 Satoh Toshiaki, *Methods for Finding Hot Spots on a Network*

9:20 Fahui Wang, Northern Illinois University, *GIS-Based Spatial Analysis of Tai Place Names in Southern China*

5139. Geopolitics, Globalization and the Representation of Place (Sponsored by Qualitative Research Specialty Group, Communication Geography Specialty Group)

Room: *Century* (Paper Session)

ORGANIZER(S): Prof. Paul C. Adams, University of Texas at Austin

CHAIR(S): Prof. Paul C. Adams, University of Texas at Austin

8:00 Bruce D'Arcus, Miami University Of Ohio, *Elián González and the Geopolitics of Home*

8:20 Reecia Orzeck, Syracuse University, *Jenin Brought Home: The Politics of Representation and Reception*

8:40 Virginie Mamadouh, University of Amsterdam, *The 2004 presidential election: European media and the geopolitics of a global event*

9:00 Jason Dittmer, Georgia Southern University, *Captain America's Empire: Reflections on Identity, Popular Culture, and Post-9/11 Geopolitics*

9:20 Prof. Paul C. Adams, University of Texas at Austin, *French Visions of Europe and the United States: Imagining a "Euro-Puissance"*

5140. Data and Design Issues in Historical GIS I: Developing National HGIS Systems (Sponsored by Historical Geography Specialty Group, Electronic Cultural Atlas Initiative, Geographic Information Science and Systems Specialty Group)

Room: *Spruce* (Paper Session)

ORGANIZER(S): G. Rebecca Dobbs, Univ of North Carolina at Chapel Hill; Ian N. Gregory, University of Portsmouth

CHAIR(S): Mary Ruvane, University Of North Carolina - Chapel Hill

8:00 Mr. Luuk Schreven, NIWI-KNAW, *A Historical Geographical Information System for the Netherlands*

8:20 Ell Paul, Queen's University, *Towards a historical GIS for Ireland*

8:40 Ian N. Gregory, University of Portsmouth, *Beyond the database: Generating results from national historical GIS databases*

9:00 David Bodenhamer, Centre for Data Digitisation & Analysis - Queens' University, *Challenges and Opportunities of National and Trans-National Historical GIS*

Discussant(s): Mr. Onno Boonstra

5141. South American Agricultural Frontiers (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)

Room: Denver (Paper Session)

ORGANIZER(S): Christian Brannstrom, Texas A&M University

CHAIR(S): Christian Brannstrom, Texas A&M University

8:00 J. Christopher Brown, University of Kansas, *Modern Agriculture on Tropical Frontiers: Rethinking Methods for Land Change Research*

8:20 Matthew Koeppe, University Of Kansas Geography Department, *Environment, urbanization, and the rise of mechanized agriculture in the Brazilian Amazon*

8:40 Christian Brannstrom, Texas A&M University, *Supervised Classification of Cerrado (Savanna) and Agricultural Land Covers in North-Eastern Brazil's Agricultural Frontier*

9:00 Ms. Renata Andrade, University of California at Berkeley, *Green and Blue Revolutions in the Lower São Francisco River, Brazil, 1946-2002*

Discussant(s): Andrew Millington, University of Leicester

5143. Space, Culture and Practices of the Nation-State I (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Beverly (Paper Session)

ORGANIZER(S): Natalie Oswin, University of British Columbia; Alison Mountz, Syracuse University

CHAIR(S): Alison Mountz, Syracuse University

8:00 Colin Flint, Pennsylvania State University, *Scales of Justice/Scales of Conflict: The Geopolitics of a State in Hegemonic Decline*

8:20 Merje Kuus, University Of British Columbia, *Making state action possible: identity and foreign policy in Central Europe*

8:40 Natalie Oswin, University of British Columbia, *Queer states and the politics of scale*

9:00 Beverly Mullings, Syracuse University, *Gender Justice and the Scalar Politics of Anglophone Caribbean States*

Discussant(s): Sallie A. Marston, University of Arizona

5144. Air Transportaion

Room: Biltmore (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wei Song, University of Louisville

8:00 Laetitia Vereecken, *A worldwide geographical analysis of air passenger flows*

8:20 Gang Gong, *Hub, dominance, and airfare*

8:40 Ms. Carine Discazeaux, Institut National De La Recherche Scientifique, *Metropolitan economy and air travel demand: an analysis of 91 north-American urban spaces in 2000.*

9:00 Jerzy J. Jemioło, Ball State University, *Low-cost Air Service in an Expanded European Union*

9:20 Wei Song, University of Louisville, *China's Domestic Air Transportation Network: Nodal Hierarchy and Spatial Variation in Airport Attraction*

5145. Using Geotechnologies to Teach and Evaluate Curricula

Room: Captiol (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dennis Ward, National Center for Atmospheric Research

8:00 Bradley A. Shellito, Youngtown State University, *Spatial Patterns of Educational Technological Access*

8:20 Meredith Beilfuss, Indiana State University, *Evaluating Teacher Recruitment Utilizing Geographic Information Systems*

8:40 Ms. Suzi Wiseman, Baylor University, *Teaching Georeferencing for Estimation - Using the Example of the Possible Impact of a Community Development Proposal*

9:00 Jess C. Porter, Oklahoma State University, *Global Skills, Local Contexts: Making GISci Activities Relevant for Students*

9:20 Dennis Ward, National Center for Atmospheric Research, *GIS Modeling in Middle and High Schools*

5146. Environmental and Urban Geographies in Transitional Economies (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: Columbine (Paper Session)

ORGANIZER(S): Peter R. Craumer, Florida International University

CHAIR(S): Peter R. Craumer, Florida International University

8:00 Gregory Taff, Univ of North Carolina, *Landscape Changes Reflecting Local and Global Environmental Values in Gauja National Park, Latvia*

8:20 Nathaniel S. Trumbull, University of Washington, *Water Resources and Urban Planning in the Transition Economies*

8:40 Dmitri Sidorov, California State University, Long Beach, *Geography of Construction Wars in Moscow: Infill High-Rise Constructions and the Emergence of Municipal Civil Society*

9:00 Mikhail Blinnikov, St. Cloud State University, *Green Lungs of Moscow: New Russia's Kapitalizm and the Suburban Environment*

9:20 Timothy Heleniak, *The Population of Russia: Now and in the Future*

5147. Military Geography Perspectives (Sponsored by Military Geography Specialty Group)

Room: Terrace (Paper Session)

ORGANIZER(S): Francis A. Galgano, United States Military Academy

CHAIR(S): Francis A. Galgano, United States Military Academy

8:00 Mark W. Corson, Northwest Missouri State University, *Transportation Geography in Operation Iraqi Freedom I*

8:20 Mr. William Doe, Colorado State University, *Army Landscapes in the American Arid and Semi-arid West: Ecosystem Patterns and Design for Sustainability*

8:40 Fred Engle, SRS Technologies, *White space impacts: Incompatible land use on non-contiguous, non-defense lands*

9:00 Volker Zimmer, *The Decade of Military Conversion in Germany: Lessons learned from past, prospects for the future*

9:20 John C. Kostelnick, University Of Kansas, *A New Set of Map Symbols for Landmine Hazards and Humanitarian Demining*

5148. Census Geography: Analyzing US Census Data (Sponsored by Population Specialty Group)

Room: Savoy (Paper Session)

CHAIR(S): Paul J. Mackun, US Census Bureau

8:00 Marc J. Perry, U.S. Census Bureau, *Appearances Can be Deceiving: Comparative Population Densities of American Cities*

8:20 Todd Gardner, US Census Bureau, *Settlement-Type Areas in the United States*

8:40 Paul J. Mackun, US Census Bureau, *Metropolitan and Micropolitan Statistical Area Population Size, Employment, and Classification*

9:00 Darryl T. Cohen, US Census Bureau, *Population Distribution Inside and Outside Incorporated Places: 2000.*

5149. Political Geography of The Middle East: Identities

Room: Majestic Ballroom (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Naim Zeibak, Western Kentucky University

8:00 Mohameden Ould-Mey, Indiana State University, *The Non-Zionist Future of Palestine*

8:20 Yaser M. Najjar, Framingham State College, *The Changing Socio-political Map of the Middle East: Myths and Realities*

8:40 Naim Zeibak, Western Kentucky University, *The Demographics of Decay, Dispossession, and Displacement: Indigenous Peoples and Refugees of the Middle East.*

9:00 Nimrod Luz, *Palestinian Sacred places in Israel, The cultural-politics of identity formation, and group resistance*

9:20 Ghazi Falah, University of Akron, *The geopolitics of repartition, enclavization and the demise of a two-state solution to the Israeli-Palestine conflict*

5150. Teaching Critical Political Economy to Undergraduates, or, How to Smuggle in Marx Without Scaring Off Your Students? (Sponsored by Socialist and Critical Geography Specialty Group)

Room: Vail (Panel Session)

ORGANIZER(S): David Correia, University Of Kentucky

CHAIR(S): David Correia, University Of Kentucky

Panelists: Don Mitchell, Syracuse University; Salvatore Engel-DiMauro, UW-Stevens Point; Anna J Secor, University of Kentucky; Richard A. Walker, University of California-Berkeley; Lucy Jarosz, University of Washington

5151. Human Geography

Room: Tower Exhibit Area (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

Ann M. Legreid, Central Missouri, *Historic Preservation as Community Service and Service Education*

Jennifer Kopko, Military Geospatial Technology, *Parsee colonial cemetery in Macau, China*

David Diggs, Univ. of Northern Colorado, *Colorado's Geography: Mapping Our Past*

Mr. Matthew Shiel, George Washington University, *Using GIS in examining the spatial structure of early hominin stone artifacts in Olorgesailie, Kenya.*

John C. Everitt, Brandon University, *Service Provision for Seniors in the Prairies: Are we making healthy places?*

Kenneth Anderson, Michigan State University, *Access to Physical Activity and Fast Food Resources and the Link to Obesity: A Case Study from Michigan*

Mr. Alan Delmerico, *Clusters of Illicit Drug Use: A Study of Demographic and Neighborhood Contexts of Marijuana and Hard Drug Users and Non-users*

Sarah E. Hinman, Louisiana State University, *Detecting Hotspots in a Historic Dataset: A Case Study of Typhoid Reports from Washington, DC, 1906-1908*

Mr. Kevin Durand, *The Potential of Geographic Information Systems to Improve Childhood Immunization Coverage Rates*

Tatenda Mambo, California State Polytechnic University, *The Geography of Food Insecurity in Pomona, CA*

Cynthia Janes, *Providing nutritious food to squatter community residents living with or affected by HIV/AIDS in KwaZulu-Natal, South Africa*

James Campbell, Virginia Tech, *Role of Environmental Knowledge in Pre-Industrial Reclamation Practices, Southwestern France and Acadian Nova Scotia*

Jason Jones, Middle Tennessee State University, *Mobile crisis unit (MCU) to provide education and health communications and humanitarian aid in crisis communities.*

David Doran, Georgia State University, *Wharves to Waterfalls: The Geo-Politics of the Massachusetts' Economy 1787-1830*

Songjie Li, *Suzhou Development: the significance of Suzhou New District and the Industrial Park*

Shahalam M.N. Amin, Bloomsburg University of Pennsylvania, *Environmental Impacts of Ship Scrapping in Bangladesh*

Audrey Clarke, George Mason University, *Spatial Effects of Large Bank Mergers in the U.S.*

Madhusudana N. Rao, Bridgewater State College, *Hawala: Illegal transactions of money in the global economy*

John E. Bodenman, Bloomsburg Univ, *The Restructuring of U.S. Hardwood Furniture Industry Production: Pennsylvania Hardwood Processing Industry Employment Changes, 1990-2003.*

Amy Lobben, University of Oregon, *Images of the Geographical Brain: The Use of Functional Magnetic Resonance Imaging in Studying Spatial Tasks*

Lizandra Torres-Cuevas, "*Determinants of Puerto Rican migration to Waterbury; CT.*"

Veronica Escamilla, *National Pressures of HIV/AIDS in South Africa*

Ge Lin, West Virginia University, *Loglinear Residual Tests of Moran's I Autocorrelation: An Application to Kentucky Breast Cancer Data*

10:00 a.m. - 11:40 a.m.

5201. Planning, Youth and Civic Engagement (Sponsored by Regional Development and Planning Specialty Group)

Room: Plaza Court 1 (Paper Session)

ORGANIZER(S): Sean DiGiovanna, Rutgers University; Michael Leyshon

CHAIR(S): Sean DiGiovanna, Rutgers University

10:00 Catherine Brace, *Disciplining youthful Methodist bodies in nineteenth century Cornwall*

10:20 Gill Valentine, University of Sheffield, *Drinking places: young people and the production and management of public space*

10:40 Mark A. Goodwin, University of Exeter, *From exclusion to participation: negotiating the spaces of youth engagement*

11:00 Ms. Eleanor Jupp, Open University, *Hopes and fears: young people and imaginings of public space*

11:20 Michael Leyshon, *Comparing Planning Approaches and Youth Engagement in the US and UK*

5202. Unifying Themes and Issues in AAG Biogeography II (Sponsored by Biogeography Specialty Group)

Room: Plaza Court 2 (Paper Session)

ORGANIZER(S): J. Anthony Stallins, Florida State University; George Malanson, University of Iowa

CHAIR(S): J. Anthony Stallins, Florida State University

10:00 Duane Griffin, Bucknell University, *The Anthropocene Biosphere*

10:20 Andrew Millington, University of Leicester, *Biological conservation and socio-economic development*

10:40 Kimberly Medley, Miami University Ohio, *Human-environment relations as a unifying theme in biogeography*

11:00 Amy Hessl, West Virginia University, *Exploring the Links Between Human Activities and Ecosystem Dynamics in Biogeography: Examples from Fire, Carbon, and Invasive Species*

11:20 John Kupfer, University of Arizona, *Forest fragmentation and landscape representation: The influence of matrix-based processes on forest fragmentation effects*

- 5203. Whither Medical Geography? A Panel on the State of the Discipline (Sponsored by Medical Geography Specialty Group)**
Room: *Plaza Court 3 (Panel Session)*
 ORGANIZER(S): Cynthia Pope, Central Connecticut State University
 CHAIR(S): Joseph R. Oppong, University of North Texas
 Panelists: Jill S. M. Coleman, Ohio State University; Cynthia Pope, Central Connecticut State University; Mark W. Rosenberg, Queen's University; Gerard Rushton, University of Iowa; Joseph R. Oppong, University of North Texas; Jonathan D. Mayer, University of Washington
- 5204. Indigenous Peoples: Identity, Management and Self-Determination (Sponsored by Indigenous Peoples Specialty Group)**
Room: *Plaza Court 4 (Paper Session)*
 ORGANIZER(S): Dr. RDK Herman, Towson University
 CHAIR(S): Kenneth D. Madsen, Arizona State University
10:00 Brad Coombes, *After comanagement indigeneity and self-determination in natural resource management at Whakaki, New Zealand.*
10:20 Melanie McCalmont, University of Wisconsin-Madison, *Inside the Circle: Native American Telecom and Federal Trust Reform*
10:40 Zoltan Grossman, University Of Wisconsin-Eau Claire, *Rich Tribes, Rich Jews: Comparing the New Anti-Indianism to Historic Anti-Semitism*
11:00 Elisabeth K. Butzer, University Of Texas, *Indigenous Voices from the Frontier of New Spain: What can the Tlaxcalans of Bustamante tell us about Resistance?*
11:20 Fenda A. Akiwumi, Hill College, *Challenges to Africa's water development: The paradox of "indigenous community participation"*
- 5205. The Geographical Imagination in America : Discussion with the Author (Sponsored by History of Geography Specialty Group)**
Room: *Plaza Court 5 (Panel Session)*
 ORGANIZER(S): Jodi Vender, Pennsylvania State Univ
 CHAIR(S): Jodi Vender, Pennsylvania State Univ
 Introduction: Jodi Vender, Pennsylvania State Univ
 Discussant(s): Susan Schulten, University of Denver
 Panelists: Tamar Y. Rothenberg; Denis E. Cosgrove, University of California; Neil Smith, City University Of New York; Karen M. Morin, Bucknell University; Donald C. Dahmann; James R. Akerman, The Newberry Library
- 5206. Forested Landscape Change**
Room: *Plaza Court 6 (Paper Session)*
 ORGANIZER(S): Program Committee
 CHAIR(S): Kathleen Bergen, University Of Michigan
10:00 Joshua Kincaid, University of Georgia, *Local and landscape-scale characteristics of eastern hemlock regeneration in southern Appalachian upland forests*
10:20 Arvind Bhuta, *A Predictive Model for Identifying Longleaf Pine Habitat in Southeastern Virginia.*

- 10:40 Ms. Susan Hopper, Pennsylvania State University, *Historic Land Use/Land Cover Change in Landscapes Surrounding Wetlands*
- 11:00 Roger Alex Clapp, Simon Fraser University, *Forest Transition Theory and the Remapping of the Temperate Rainforests*
- 11:20 Kathleen Bergen, University Of Michigan, *Changing Trends in Forest Type and Age in Central Siberian Russia, 1975-2000*

5207. Mountain Geography: The Physical Dimension (Sponsored by Mountain Geography Specialty Group)

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Ulrich Kamp, DePaul University

CHAIR(S): Carol P. Harden, Univ of Tennessee

10:00 Mr. Thomas Fickert, *Phytogeographical studies as a tool for deduction of vertical climate gradients in high moun-tains of the western USA*

10:20 Ms. Friederike Grueninger, *Scale dependant aspects of plant diversity in semiarid high mountain regions; an exemplary top-down approach for the Great Basin*

10:40 Carol P. Harden, Univ of Tennessee, *Cajas National Park as Water Source: Soil-water Relationships in a Glaciated, Andean Watershed*

11:00 Scott F. Burns, Portland State University, *Slope stability of the Castle Lake debris dam, Mt. St. Helens National Monument, Washington*

11:20 Jeff Deems, Colorado State University, *Spatial and historical contingency of snowpack properties*

5208. Organizing Waste: A Collective, Technological and Cultural Matter (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): Sarah Moore, University of Kentucky; Laurel Smith, University of Kentucky

CHAIR(S): Sarah Moore, University of Kentucky

10:00 Donna Houston, University of Southern California, *Landscape's Luminous Archive: Toxicity, Trauma and Environmental Justice in America's Nuclear West*

10:20 Chuck Hostovsky, University of Toronto, *Social Equity and the Toronto Waste Crisis: An Historical Geography*

10:40 Laurel Smith, University of Kentucky, *Visualizing Contamination and "Regenerating" Cultural Cohesion with the Aim of Organizing Action*

11:00 Sarah Moore, University of Kentucky, *Organizing the Urban: Solid waste management and urban identities in Oaxaca, Mexico*

Discussant(s): Garth Andrew Myers, University of Kansas

- 5209. Rural China II: Migration and Human Resources (Sponsored by Population Specialty Group, China Specialty Group, Asian Geography Specialty Group)**
Room: Governor's Square 9 (Paper Session)
 ORGANIZER(S): Cindy Fan, UCLA
 CHAIR(S): Stanley Toops, Miami University
10:00 Yifei Sun, California State University, *A Spatial Strategy for Human Resources in Rural Development: A Case Study of China*
10:20 John Zhongdong Ma, Hong Kong University, *Labor migration and socio-demographic transition in China*
10:40 Cindy Fan, UCLA, *The Impacts of Migration on Rural China*
11:00 Wenfei Winnie Wang, UCLA, *Why do women return? A study of return migration in Sichuan and Anhui, China*
 Discussant(s): Gregory Veeck, Western Michigan University
- 5210. Mountain Rivers II: Hydraulics and Sediment Transport (Sponsored by Geomorphology Specialty Group, Mountain Geography Specialty Group)**
Room: Governor's Square 10 (Paper Session)
 ORGANIZER(S): Anne Chin, Texas A&M University; Ellen Wohl
 CHAIR(S): Anne Chin, Texas A&M University
10:00 Kristin Bunte, *Hysteresis relationships in gravel transport observed in coarse-bedded mountain headwater streams*
10:20 Shixiong (Shawn) Hu, Dept. of Geography, East Stroudsburg University of PA, *Predicting and Partitioning Resistance to Overland Flow on Rough Mobile Beds*
10:40 Joanna C. Curran, Texas State University - San Marcos, *Spacing of the Depositional Step-pool Bedform*
11:00 Wilcox Andrew, *Three-dimensional hydraulics in a step-pool channel*
11:20 Chris Thompson, Australian Defence Force Academy, *The dating game and bedform stability in Australian mountain streams*
- 5211. Paleobiogeography IV: Late Quaternary Climate and Vegetation Change in Temperate North America (Sponsored by Biogeography Specialty Group)**
Room: Governor's Square 11 (Paper Session)
 ORGANIZER(S): Catherine Yansa, Michigan State University; Robert Andrew Dull, University of Texas at Austin
 CHAIR(S): David F Porinchi, Ohio State University
10:00 David F Porinchi, Ohio State University, *Differential Response of Sierra Nevada, CA Lakes to Post-glacial Climate Change*
10:20 Colin Long, University of Oregon, *Millennial-Scale Environmental History from the Central Cascade Range, Oregon*
10:40 Christina M. Hupy, Michigan State University, *Changes in the Forest Transition Zone in Lower Michigan, over the past 2,000 years*
11:00 Sarah A Finkelstein, University of Ottawa, *Assessing late Holocene water level changes and climatic shifts using paleoecological records from a Lake Erie coastal wetland*
11:20 Catherine Yansa, Michigan State University, *Near-glacial and Late-glacial Environments of the Greater Chicago Area*

5212. GIS and Quality of Life

Room: Governor's Square 12 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Byong-Woon Jun, University of Georgia

10:00 Mr. Eugene Martin, *The Data Effect: Sociotechnical interactions that align organizations with spatial data*

10:20 Amanda McMullan, University of Ulster, *Exploring the opportunities for the wider application of GIS in largely qualitative fields of Human Geography.*

10:40 Joao Francisco de Abreu, Catholic University, *Mapping Brazilian Quality of Life - A GIS Approach*

11:00 Guiying Li, *Measuring Quality of Life in Indianapolis through Remote Sensing and Census*

11:20 Byong-Woon Jun, University of Georgia, *A Spatial Multicriteria Analysis Approach to Urban Quality of Life Assessment*

5214. Tourism Geographies

Room: Governor's Square 14 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Abigail Foulds, University Of Kentucky

10:00 Pip Forer, University of Auckland, *Placing Tourists: Using the logic of time geography to lever the value of itinerary data*

10:20 Ms. Linda Malam, *Thai Beach Tourism: Intimate Geographies and Multiple Masculinities/Femininities*

10:40 Russell Fielding, University Of Montana, *Islandness, Fixed-Links, and Tourism Along Florida's Gulf Coast*

11:00 William E. O'Brien, Florida Atlantic University, *A Florida state park under Jim Crow: Uncovering a segregated past*

11:20 Abigail Foulds, University Of Kentucky, *Whose City is This?: Impacts of Tourism and the Expatriate Community in Granada, Nicaragua*

5215. Humanity and Nature in Vientiane Plain, Laos.

Room: Governor's Square 15 (Paper Session)

ORGANIZER(S): Yuichiro Nishimura, Research Institute for Humanity and Nature; Nonaka Kenichi

CHAIR(S): Chris Sneddon, Dartmouth College

10:00 Eisuke ONO, Nagoya University, *Geo-environment and human activity in Vientiane Plain, Central Laos.*

10:20 Nonaka Kenichi, *Subsistence Complex in the Wetland Ecotone in Vientiane Plain, Lao P.D.R.*

10:40 Akiko Ikeguchi, Nagoya Sangyo University, *Marketplace networks and distribution of natural resources in Vientiane plain, Laos.*

11:00 Yuichiro Nishimura, Research Institute for Humanity and Nature, *Time-geographical Analysis on the Daily Lives of Village People in Laos.*

Discussant(s): Pradyumna P. Karan, University Of Kentucky

5216. WaterResources Management of International Watersheds (Sponsored by Water Resources Specialty Group)

Room: Governor's Square 16 (Paper Session)

ORGANIZER(S): Chansheng He, Western Michigan University

CHAIR(S): Chansheng He, Western Michigan University

10:00 Heejun Chang, Portland State University, *Spatial Patterns of Water Quality in the Han River Basin, Korea*

10:20 Chansheng He, Western Michigan University, *Managing Water Shortage Crisis in the Yellow River: Which Approach Counts?*

10:40 Hsiang-Te Kung, University of Memphis, *Relationship Between Spectral Reflectance and Water Quality of an Eutrophic Lake*

11:00 Christopher Brown, New Mexico State University, *An Examination of Large River Basin Management: The Case of Rio Grande Basin*

5217. Beyond the Fractured Self: Rethinking Rootedness and Stability

Room: Governor's Square 17 (Paper Session)

ORGANIZER(S): Catherine Nash, Queen Mary, University of London; Hester Parr

CHAIR(S): Hester Parr

10:00 Catherine Nash, Queen Mary, University of London, *Knowing who you are and where you come from: family history in Northern Ireland*

10:20 Lewis Holloway, *Rooting ourselves in the rural?: seeking a back-to-the-land lifestyle in Britain today*

10:40 Hester Parr, *Mental health and nature: securing the mad/ill self through garden work*

11:00 Tariq Jazeel, *The World Is Sound? Reconstituting the hybrid self in contemporary British-South Asian dance music*

Discussant(s): Ms. Divya Tolia-Kelly, University of Durham

5218. Immigration and Citizenship II: Exploring Transnationalism (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group)

Room: Plaza Ballroom A (Paper Session)

ORGANIZER(S): Mary Gilmartin; Robert Kitchin, National University Of Ireland

CHAIR(S): Robert Kitchin, National University Of Ireland

10:00 Rebecca Torres, East Carolina University, *Latino Transnationalism and the Negotiation of Citizenship in the Rural South*

10:20 Elizabeth Mavroudi, *Negotiating hybrid and national identities: the Palestinian diaspora and the construction of transnational spaces of citizenship*

10:40 Maria Elisa Christie, University of Indianapolis, *Displaced Attachment to Place: Gendered Transnational Strategies of Community Participation in Traditional Fiestas of Central Mexico*

11:00 Susan P. Mains, University of the West Indies-Mona, *Diaspora and Disaster: Dealing with Distance, Identity and Hurricane Ivan*

5219. Translocal Subjectivities: Mobility, Connection and Emotion II

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): David Conradson, University of Southampton; Deirdre McKay

CHAIR(S): Deirdre McKay

10:00 David Conradson, University of Southampton, *Friendship, mobility and feeling: transnational networks of connection*

10:20 Belinda Dodson, University Of Western Ontario, *Skilled Migration from South Africa to Canada: Structural Context and Subjective Experiences*

10:40 Chin-Yen Anne Wu, University of Toronto, *Negotiations for Comfort Zones: A Case Study of Taiwanese Migrant Women in Toronto*

11:00 Madeleine Wong, University of Wisconsin-Madison, *Moving to perform status: the gendered and emotional geographies of home and (non)belonging in Ghanaian transnational spaces*

Discussant(s): Audrey L. Kobayashi, Queen's University

5220. Quantitative Techniques

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Breandán Ó HUallacháin, Arizona State University

10:00 Imam Xierali, University of Cincinnati, *Foreign Diplomatic Interaction with the United States, 1990- 2000: A Gravity Model Approach*

10:20 Nobutaka Nakamura, Northwest Missouri State University, *Comparison of GIS use in Japanese and United States Industries*

10:40 Mr. Robert Murray, *Growth, Destruction, and Recovery: Visualizing the impact of the 1900 hurricane on Galveston's business district*

11:00 Alicia Torregrosa, United States Geological Survey, *Mapping for Change: Future Challenges in Sage Grouse Conservation*

11:20 Breandán Ó HUallacháin, Arizona State University, *Spatial Convergence of Patenting in the United States, 1993-2003*

5221. Maritime, Shipping, Networks, and Sustainability

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Claude Comtois, University of Montreal

10:00 Mr. Tyler Douglas Roberts, *Is the US waterborne shipping network a small-world or scale-free network?*

10:20 Jae-Youl Lee, *Economic Geographies of the Transnational IT Outsourcing Corporation: the case of LG CNS in South Korea*

10:40 Mr. Jianquan Cheng, University of Amsterdam, *Accessibility modelling for the policy design of sustainable transport and land use systems*

11:00 Mr. Robert Johnson, *Unresolved Issues, Policy Gaps, and Software Limitations: A Primer in GIS for Offshore Boundaries, (And all the little details they neglected to tell you in GIS class)*

11:20 Claude Comtois, University of Montreal, *Port and shipping lines: strategies for sustainable development*

5222. Landscape Modification*Room:* Plaza Ballroom E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Linda R. Barrett, University of Akron

10:00 Ms. Kabita Ghimire, Kansas State University, *Two sides of Telluride, CO: An Analysis of Residential space and vegetation***10:20** Frances Fahy, Trinity College Dublin, *Green Mapping: A tool for operationalising sustainability?***10:40** Sarah Harris, *Colonial forestry and environmental history: British policies in Cyprus 1878-1960***11:00** Matthew Hansen, *Global forest change mapping using MODIS data from 2000 to 2004***11:20** Linda R. Barrett, University of Akron, *Mapping Change in Forested Land Cover: Ohio, 1800 - 2000***5223. Boundaries, Objects, and Mediation in the Science-Policy Nexus***Room:* Plaza Ballroom F (Paper Session)

ORGANIZER(S): David Demeritt, King's College London; Barbara Morehouse, Inst for the Study of Planet Earth

CHAIR(S): David Demeritt, King's College London

10:00 Ms. Sarah Dyer, Kings College London, *What the scientist said to the politician, the patient, and the newspaper&& Informed Consent as a boundary object in medical research***10:15** Sally Eden, *Boundary games: placing NGOs in the science-policy nexus***10:30** Mrill Ingram, *Good Guys and Bad Guys: Disciplining microbes in the implementation of U.S. federal organic agriculture regulation***10:45** Ms. Sarah-Louise Quinnell, *Standardising precautionary decision making? The case of the Cartagena Protocol on Biosafety***11:00** Barbara Morehouse, Inst for the Study of Planet Earth, *A Critical Look at Boundary Organizations as Knowledge Brokers***11:15** Rebecca Lave, UC Berkeley, *Boundary Objects in Aquatic Ecosystem Restoration***5224. The Hydrogen Economy (Sponsored by Energy and Environment Specialty Group, Transportation Geography Specialty Group)***Room:* Director's Row E (Paper Session)

ORGANIZER(S): Michael Kuby, Arizona State University

CHAIR(S): Michael Kuby, Arizona State University

10:00 Michael K. Heimann, Dickinson College, *How Green a Future?: An Examination of US and European Hydrogen Policy***10:20** Ms. Anelia Milbrandt, *Analysis of the Hydrogen Infrastructure Needed to Enable Commercial Introduction of Hydrogen-Fueled Vehicles***10:40** Frank J. Calzonetti, University of Toledo, *Alternative Energy Technology Cluster in Northwest Ohio: Lessons on Growing a New Technology Cluster Driven by University Research***11:00** Seow Lim, Arizona State University, *The Flow-Refueling Model for Locating Hydrogen Stations: Basic Model and Extensions*

5225. New Geographies of Education II: Mapping Inequalities and Differences (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Geography Education Specialty Group)

Room: *Director's Row F* (Paper Session)

ORGANIZER(S): Rebecca Theobald, University of Colorado - Boulder; Claudia Hanson Thiem, University of Wisconsin-Madison

CHAIR(S): Claudia Hanson Thiem, University of Wisconsin-Madison

10:00 Christine Drennon, Trinity University, *Unequal Education on an Unequal Playing Field: Property Tax Redistribution and Equity in Texas Independent School Districts*

10:20 Phil Birge-Liberman, Syracuse University, *School Funding and Student Achievement: The Uneven Geography of Education in Massachusetts*

10:40 Deinya Phenix, New York University, *North-South School Districts: The Geographic Distribution of Educational Success and Failure in New York City*

11:00 Lesli M. Rawlings, University of Nebraska, *Hope or harm for urban education? An investigation of an inter-district option enrollment plan*

Discussant(s): Katherine B. Hankins, University of Georgia

5227. From Disaster Recovery Issues to Technological Hazards (Sponsored by Hazards Specialty Group)

Room: *Director's Row H* (Paper Session)

ORGANIZER(S): Deborah Thomas, University of Colorado, Denver

CHAIR(S): Burrell E. Montz, Binghamton University

10:00 Ms. Heather Bell, *Efficient and Effective? The Hundred Year Flood in the Communication and Perception of Flood Risk*

10:20 Graham A. Tobin, University of South Florida, *Chronic Exposure and Hazards: A Failure to Recover*

10:40 Burrell E. Montz, Binghamton University, *Disaster Vulnerability among the Elderly: An Examination of the Impacts of Hurricane Charley*

11:00 Bob Bolin, Arizona State University, *Ten Years After: The TRI and Changing Hazardscapes in Phoenix, Arizona*

11:20 Ms. Bandana Kar, *Criteria, Weights, and Geographic Scale of Analysis Used In The Disaster Mitigation Act Plans*

5230. Nature, Politics, and Resources in the Arid Realm II

Room: *Tower Court A* (Panel Session)

ORGANIZER(S): Daanish Mustafa, University of South Florida

CHAIR(S): Douglas L. Johnson, Clark University

Panelists: Daanish Mustafa, University of South Florida; Eric P Perramond, Stetson University; Dianne E. Rocheleau, Clark University; James Wescoat, U Of Illinois, Urbana-Champaign; Matthew Turner, University of Wisconsin-Madison

5231. Climatological Studies of Severe Weather II (Sponsored by Climate Specialty Group)*Room:* Tower Court B (Paper Session)

ORGANIZER(S): Walker S. Ashley, University Of Georgia; P. Grady Dixon, Arizona State University

CHAIR(S): P. Grady Dixon, Arizona State University

10:00 Mr. Christopher Fuhrmann, *Surface Features, Synoptic Patterns, and Thermodynamic Structures Associated with a Severe Freezing Rain Episode in the Southeast United States***10:20** Scott Curtis, *Climatology of Winter Storm Observations in the Southeastern U.S. and Adjacent Oceans***10:40** Walker S. Ashley, University Of Georgia, *Derecho Families: Designation, Climatology, and Environments***11:00** Mr. Jeffrey N. Brown, Cal State Los Angeles, *A Close Look at the Effects of Topography on California Severe Weather Episodes***5232. High Technology and the Cryosphere (Sponsored by Cryosphere Specialty Group)***Room:* Tower Court C (Paper Session)

ORGANIZER(S): Richard R. Forster, University of Utah; Richard Allan Beck

CHAIR(S): Richard R. Forster, University of Utah

10:00 Von P. Walden, *Ground-based remote sensing in Antarctica with the Polar Atmospheric Emitted Radiance Interferometer***10:15** Eric Robert Lutz, Department of Earth Sciences, Montana State University, *Automated delineation of snowpack stratigraphy using a high-resolution snow penetrometer.***10:30** Richard Allan Beck, *High Technology in the Cryosphere: The Barrow Global Climate Change Research Facility (BGCCRF) and its Implications for Arctic Geographic Research***10:45** Andrew Klein, Texas A&M University, *Monitoring tropical glacier retreat in the tropics using remote sensing: problems and potentials***11:00** Jeffrey Adam VanLooy, University Of Utah, *Monitoring glacial changes on the Harding Icefield, Alaska using Remote Sensing techniques.***11:15** Richard R. Forster, University of Utah, *Measuring Alaskan Glacier Velocities from Space***5233. Perception, Development, and Geographic Thought***Room:* Tower Court D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Riley, University of Surrey

10:00 Mr. Rein Ahas, *How mobile phones are changing geography: Social Positioning Method***10:20** Michael A. Urban, University of Missouri, *Democratizing Environmental Ethics and Environmental Management***10:40** Roger E. Bolton, Williams College, *The Importance of Habermas's "Communicative Action" for Social Capital and Social Network Theory.*

11:00 Yvonne Underhill-Sem, Centre for Development Studies, *Arguing with Ivan: engendering social contracts for livelihood security*

11:20 Michael Riley, University of Surrey, *Information seeking patterns and small business development*

5235. Climate Change

Room: Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James C. Knox, University of Wisconsin

10:00 Olga Wilhelmi, Environmental and Societal Impacts Group, NCAR, *Global Climate Change Scenarios in GIS*

10:20 Shuang-Ye Wu, Gettysburg College, *Potential impacts of climate change on flooding at James River, VA*

10:40 Jonathan M. Herbert, Kutztown University, *Predicting Climate Change in Big Bend National Park, Texas*

11:00 James C. Knox, University of Wisconsin, *Floods on the upper Mississippi River during Warm Climate Episodes: Past Millennia versus the Late 19th to Early 21st Centuries*

5236. Geographies of Kenya in the Early 21st Century (Sponsored by Economic Geography Specialty Group, Africa Specialty Group, Geographic Information Science and Systems Specialty Group)

Room: Colorado (Paper Session)

ORGANIZER(S): Kefa M. Otiso, Bowling Green State University

CHAIR(S): Francis Koti, University of North Alabama

10:00 Walter Omariba, University of Western Ontario, *Changing childhood mortality conditions in Kenya: An examination of the levels, trends and determinants in the late 1980s and the 1990s*

10:20 Michal Lyons, *Creating urban social capital: some evidence from informal traders in Nairobi*

10:40 Francis Koti, University of North Alabama, *(Re)Defining Peri-Urban Residential Quality of Life Using a Participatory GIS in Kenya*

11:00 John K. Maingi, Miami University, *Mapping Land Cover Change in Makueni District, Kenya Using Multitemporal Landsat Data*

11:20 Kefa M. Otiso, Bowling Green State University, *A Geographic Analysis of Kenya's Housing Situation: Assessing Current Opportunities and Constraints*

5237. Privatization: Property, Nature, and Subjectivities II (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Silver (Paper Session)

ORGANIZER(S): Becky Mansfield, Ohio State University

CHAIR(S): James McCarthy, Pennsylvania State University

10:00 Scott Prudham, Department of Geography, University Of Toronto, *Commodifying Life in Canada*

10:20 Morgan M. Robertson, US Environmental Protection Agency, *The Nature that Capitalism can See: Producing Ecosystem Service Commodities*

10:40 Heidi J. Nast, DePaul University, *Commodify my love*

11:00 Karen Bakker, University Of British Columbia, *Uncooperative commodities: Interrogating 'neoliberal nature'*

Discussant(s): Kevin St. Martin, Rutgers University

5238. Neoliberalism and the Agro-Food Sector I (Sponsored by Rural Geography Specialty Group)

Room: *Gold* (Paper Session)

ORGANIZER(S): Jamey Essex, Syracuse University

CHAIR(S): Jamey Essex, Syracuse University

10:00 Julie Guthman, Univ of California Santa Cruz, *Why are we fat? Neo-liberal governmentality and the cultural economy of bulimia*

10:20 Christopher D. Merrett, Illinois Institute for Rural Affairs, *Confronting the Second Gilded Age: Cooperatives as a Community Response to Globalization*

10:40 Ms. Emily Eaton, Student, *Agri-Tourism and Neo-Liberalism in Niagara Alternative Food Projects*

11:00 Nathalie Gravel, Yale University, *After the Ejido: Community Responses to Land Privatization in Mexico*

Discussant(s): Susanne E. Freidberg, Dartmouth College

5239. Sound and the Constitution of Spatiality (Sponsored by Qualitative Research Specialty Group)

Room: *Century* (Paper Session)

ORGANIZER(S): David Butz, Brock University; Samah Sabra

CHAIR(S): David Butz, Brock University

10:00 Samah Sabra, *Mediating Tensions Between Nation and Nation State: Evocations of Diasporic Senses of Space and Identity in the Music of the Fugees*

10:20 Ms. Deborah J. Thompson, University Of Kentucky, *The Place of Music in the Production of Appalachian Space*

10:40 Megan Wyman, Univ. of California-Davis, *Animals use of sound and the configuration of space: An example of vocalizations and spatial relationships within North American bison in the context of reproduction.*

11:00 Toby Butler, *A Walk of Art: Soundscapes, Landscape and Cultural Geography*

5240. Data and Design Issues in Historical GIS II: The Place-Based Information Interface (Sponsored by Historical Geography Specialty Group, Electronic Cultural Atlas Initiative, Geographic Information Science and Systems Specialty Group)

Room: *Spruce* (Paper Session)

ORGANIZER(S): G. Rebecca Dobbs, Univ of North Carolina at Chapel Hill; Ell Paul, Queen's University

CHAIR(S): Ian N. Gregory, University of Portsmouth

10:00 Jason Gilliland, University Of Western Ontario, *Building a virtual historical community with H-GIS: Lessons from London, Canada*

10:20 Prof. Ruth Mostern, University Of California, *Data Development, Historical Gazetteers, and the Religious Atlas of China and the Himalayas: The Foguang Encyclopedia and other Sources*

10:40 Prof. Michael Buckland, *Contextualizing Places: Gazetteers, Maps, and Bibliographical Searches*

11:00 Kentaro Toyama, Microsoft Research India, *Project Lachesis: Parsing Location Histories*

Discussant(s): Mary Ruvane, University Of North Carolina - Chapel Hill

5241. Human-Environment Research from the Andes to the Amazon (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)

Room: Denver (Paper Session)

ORGANIZER(S): Clark Gray, University of North Carolina - Chapel Hill; Carlos Mena, University of North Carolina - Chapel Hill

CHAIR(S): Clark Gray, University of North Carolina - Chapel Hill

10:00 Carlos Mena, University of North Carolina - Chapel Hill, *Development and Land Use/Cover Change in the Cuyabeno Wildlife Reserve*

10:20 Stephen J. Walsh, Univ of North Carolina, *Land Fragmentation and Change Patterns as Descriptors of Deforestation in the Ecuadorian Amazon Frontier*

10:40 Rodrigo Sierra, University of Texas at Austin, *A spatial analysis of the factors and outcomes of land cover change in the Ecuadorian Amazon*

11:00 Christine M. Erlen, University of North Carolina, *Deforestation in Indigenous Communities of the Northern Ecuadorian Amazon*

11:20 Clark Gray, University of North Carolina - Chapel Hill, *Indigenous Land Use in the Northern Ecuadorian Amazon: A Cross-Cultural and Multilevel Analysis*

5243. Space, Culture and Practices of the Nation-State II (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)

Room: Beverly (Paper Session)

ORGANIZER(S): Natalie Oswin, University of British Columbia; Alison Mountz, Syracuse University

CHAIR(S): Natalie Oswin, University of British Columbia

10:00 Joe Painter, University Of Durham, *Prosaic states*

10:20 Alison Mountz, Syracuse University, *Stateless by geographic design: exercising control in the spaces between*

10:40 Anna J Secor, University of Kentucky, *Between longing and despair: the spatiality of the everyday state in Istanbul*

11:00 William Jefferson West II, University Of Kentucky, *State Sovereignty and the Territorialization of Islam in Turkey*

Discussant(s): James Derrick Sidaway, National University Of Singapore

5244. Issues in Urban Planning in the West*Room: Biltmore (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Hubert B. Stroud, Arkansas State University

10:00 David Gray, Brigham Young University, *A successful NIMBY? Delta Utah's Intermountain Power Plant***10:20** Ann Fletchall, *After the Age Restrictions: Youngtown, Arizona***10:40** Mr. Derek Eysenbach, *Not in my Back-Junkyard: Civic Activism and Community Planning Politics in Tucson, AZ***11:00** Hubert B. Stroud, Arkansas State University, *Oregon's Land Rush Creates Legacy***5245. Ethnicity, Development, and Migration***Room: Captiol (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Larry S. Bourne, University of Toronto

10:00 Y. Minie Choi, University of Oregon, *Koreans at Work: Industrial Assimilation Through Generational Differences***10:20** Qingfang Wang, University Of Georgia, *Complement or Competition? A Multilevel Analysis on Race/Ethnicity, Gender and Job Earnings across US Metropolitan Areas***10:40** Jae Yong Lee, Ohio State University, *Social exclusion of Koreans: A study using space-time measure***11:00** Izhak Schnell, Tel Aviv University, *Urban Social Space In Globalizing Tel-Aviv: Beyond Urbanizing Chicago and Globalized Los-Angeles***11:20** Larry S. Bourne, University of Toronto, *Migration and Immigration in Canada's Gateway Cities; Testing Diversity and Displacement Hypotheses***5246. Social and Economic Geographies of Post-Socialist Europe (Sponsored by European Specialty Group, Russian, Central Eurasian, and East European Specialty Group)***Room: Columbine (Paper Session)*

ORGANIZER(S): Peter R. Craumer, Florida International University

CHAIR(S): Peter R. Craumer, Florida International University

10:00 Anton Gosar, Faculty of Humanities Koper, University of Primorska, *Demographic and Cultural Impacts of Migrations from the Area of Former Yugoslavia: The Case of Slovenia***10:20** Robert Begg, Indiana University Of Pennsylvania, *Demographic and Internal Migration Characteristic of the Bulgarian Roma***10:40** Prof. Elena Dell'Agnese, *Landscaping Sarajevo***11:00** Harley E. Johansen, University of Idaho, *Nordic-Baltic FDI Growth Patterns During the First Decade of Transition***11:20** Christian Sellar, University Of North Carolina-Chapel Hill, *Outsourcing of Italian Textile and Clothing Firms and the Emergence of Industrial Districts in Eastern Europe. Is there a relationship?*

5247. Military Geography: An Historical Perspective (Sponsored by Military Geography Specialty Group)*Room: Terrace (Paper Session)*

ORGANIZER(S): Francis A. Galgano, United States Military Academy

CHAIR(S): Francis A. Galgano, United States Military Academy

10:00 Daniel Gilewitch, *Physical Geography and the Fall of the Philippines, 1942***10:20** Dr. John Morrissey, National University Of Ireland, Galway, *Memory and the politics of representation: World War I and the place of Ireland's dissonant heritages***10:40** Kurt A. Schroeder, Plymouth State University, *The Geography of American Infantry Tactics in the European Theater of Operations during World War II***11:00** Michael Senn, United States Military Academy, *The Geographic Lynchpin: The Fight For Control of the Posavina Corridor, 1992-2000***11:20** Jim Dalton, USMA, *Chechnya's Military Geographic Landscape***5248. Advances in Geostatistics and Spatial Statistics (Sponsored by Spatial Analysis and Modeling Specialty Group)***Room: Savoy (Paper Session)*

ORGANIZER(S): David Wong, George Mason University

CHAIR(S): Michael Tiefelsdorf, Ohio State University

10:00 Yongwan Chun, The Ohio State University, *Spatial filtering by eigenvectors in iteratively re-weighted regression models***10:20** Shing Lin, *Evaluating Local Non-stationarity when considering the Spatial Variation of Large-Scale Autocorrelation***10:40** Sara McLafferty, University of Illinois, *Analyzing why health inequalities change: A space-time decomposition approach***11:00** George Lu, *An Adaptive and Optimal Weighting Framework for Inverse Distance Weight Interpolation Technique***11:20** Phaedon Kyriakidis, University of California, *A Geostatistical Framework for Area-to-Point Spatial Interpolation***5249. Controlling the Subsurface Commons: Oil and Gas Development in the "South"***Room: Majestic Ballroom (Paper Session)*

ORGANIZER(S): Claudia Carr, University of California, Berkeley, Jeffrey A. Gritzner, The University Of Montana

CHAIR(S): Jeffrey A. Gritzner, The University Of Montana

10:00 Claudia Carr, University of California, Berkeley, *Oil & Gas Geostrategy in Eastern Africa: Toward a 'Continental Nigeria'?***10:20** Mr. James Chapman, *Central Asia: The World's Energy Bank***10:40** Mr. Joshua Dimon, University of California - Berkeley, *Energy Geopolitics in South Asia & the Bangladesh Natural Gas Bonanza***11:00** Jeffrey A. Gritzner, The University Of Montana, *Power Play: The Political Economy of Gas and Oil in the Middle East*

5250. Fieldwork in Asia: Opportunities and Challenges (Sponsored by Asian Geography Specialty Group)

Room: *Vail* (Panel Session)

ORGANIZER(S): Elizabeth Chacko, The George Washington University

CHAIR(S): Elizabeth Chacko, The George Washington University

Panelists: Hussein A. Amery, Colorado School of; Yeong-Hyun Kim, Ohio University; Elizabeth Chacko, The George Washington University; Henry WC Yeung, National University of Singapore; Martin H. Hess, University Of Manchester; Weiping Wu, Virginia Commonwealth University; Gil Latz, Portland State Univ

5251. Geography Education

Room: *Tower Exhibit Area* (Poster Session)

ORGANIZER(S): Program Committee

CHAIR(S):

Prof. Mary Snow, Embry-Riddle Aeronautical University, *Aircraft Icing: Experimental Course Development*

Jill Black, Southwest Missouri State University, *Is Physical Geography Conceptual Understanding Related to Spatial Ability? A Study of University Non-Science Majors*

Klaus J. Bayr, Keene State College, *The Making of a School Atlas*

Patrick Pease, East Carolina, *A Poster is Worth 1,000 Words: facilitating student development and public awareness by mapping current events.*

Anthony Vega, *A Reevaluation of Geographic Based Distance Learning*

Luke Marzen, Auburn University, *AlabamaView: a consortium to advance the availability, timely distribution, and widespread use of remote sensing data and technology in Alabama*

Sam Batzli, Univ of Wisconsin-Madison, *WisconsinView: Building a Remote Sensing Community*

Jennifer Rogalsky, SUNY - Geneseo, *Using psychogeography to teach and experience urban geography*

Joshua K Cooper, Middle Tennessee State University, *Promoting health and education among orphans and vulnerable children (OVCs) within Haitian communities.*

Alison E. Feeny, Shippensburg University, *Empirical Research on GIS Pedagogy*

Bruce Harper, Indiana State University, *Experiential Learning in Graduate Education*

Michael A. Camille, University Of Louisiana at Monroe, *DAMSALS2: An ITEST (NSF) project in northeastern Louisiana*

Stephen M. O'Connell, Oklahoma State University, *Partners in Geographic Education: GeoTechnology in an Oklahoma High School*

Victoria Lightfoot, Oklahoma State University, *Integrating GIS into the Science Curriculum of Rural Secondary Schools*

Tracy Edwards, Frostburg State University, *The Challenges of Online Teaching: Physical Geography*

Xiaomin Qiu, *The Role of Geographic Information Science Technologies in Improving University Students' Spatial Ability*

Doug Behrens, California State University-Lo, *Using an Astrocompass to Demonstrate Some Concepts in Introductory Physical Geography Courses*

Brad W. Watkins, Oklahoma State University, *At the Water's Edge: Using Geospatial Tools in the Public School for Wetlands Assessment*

Bonnie Sines, University Of Northern Iowa, *Geographic Examination of Faculty Employment Fields for Highly Competitive Private Liberal Arts Colleges*

11:40 a.m. - 2:00 p.m.

AAG Awards Luncheon

Room: *Grand Ballroom I*

2:00 p.m. - 3:00 p.m.

AAG Business Meeting

Room: *Plaza Ballroom F*

2:00 p.m. - 3:40 p.m.

5401. Medical Geography: Public Health Applications

Room: *Plaza Court I (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Igor Vojnovic, Michigan State University

2:00 Mr. Akio Muranaka, Ritsumeikan University, *Regional differences and determinants of allergic rhinitis prevalence rate among high school students in Iwakuni region, Yamaguchi prefecture, Japan*

2:20 Donald James Huebner, Texas State University-San Marcos, *Vibrio vulnificus: flesh-eating bacteria as an environmental hazard*

2:40 Ian MacLachlan, University Of Lethbridge, *A Bloody Offal Nuisance: Public Health, Sanitation and Slaughterhouse Reform in Nineteenth Century Britain*

3:00 Igor Vojnovic, Michigan State University, *The Urban Built Environment and Obesity: A Michigan Context*

- 5402. Unifying Themes and Issues in AAG Biogeography (Sponsored by Biogeography Specialty Group)**
Room: *Plaza Court 2 (Panel Session)*
 ORGANIZER(S): J. Anthony Stallins, Florida State University; George Malanson, University of Iowa
 CHAIR(S): George Malanson, University of Iowa
 Discussant(s): Thomas R. Vale, University of Wisconsin
 Panelists: Katrina Moser, University of Utah; David Cairns, Texas A&M University; Amy Hessel, West Virginia University; Albert J. Parker, University of Georgia; Jacob Bendix, Syracuse University; Thomas Crawford, East Carolina University
- 5403. Geographies of Health and Vulnerability to Disease (Sponsored by Africa Specialty Group, Medical Geography Specialty Group)**
Room: *Plaza Court 3 (Paper Session)*
 ORGANIZER(S): Joseph R. Oppong, University of North Texas
 CHAIR(S): Joseph R. Oppong, University of North Texas
2:00 Curtis Denton, *The Geography of Tuberculosis Transmission in a Factory in Texas*
2:20 R. Ryan Lash, The University of Kansas, *Spatiotemporal Context of Ebola and Marburg Hemorrhagic Fever Outbreaks in Africa*.
2:40 Ms. Richmond Chantelle, McGill University, *The Dimensions of Canadian Aboriginal Health*
3:00 Florence Margai, Binghamton University-SUNY, *Geographic Targeting of Vulnerable Areas of Childhood Nutritional Health Outcomes: A MultiFactorial Approach*
3:20 Joseph R. Oppong, University of North Texas, *HIV/AIDS in Teens and Young Adults (13-24) in Texas*
- 5404. Issues in Tourism and Recreation Geography (Sponsored by Recreation, Tourism, and Sport Specialty Group)**
Room: *Plaza Court 4 (Paper Session)*
 ORGANIZER(S): Deborah L. Che, Western Michigan University
 CHAIR(S): Daniel H. Olsen, University of Waterloo
2:00 Yuxia Huang, *Learning ontology from online travel information for Semantic Web-based tourism services*
2:20 Wendy Miller, University at Buffalo, *The Importance of Interpretive Signs for Day Hikers as Judged by a Mental Mapping Exercise*
2:40 Daniel H. Olsen, University of Waterloo, *Mediating Sacred Space: Tourism at Religious Sites*
3:00 David Truly, Central Connecticut State, *Tourism Development in Connecticut: The Role of Tourism Districts*
3:20 Jan Mosedale, University of Exeter, *Corporate Geography of the Big 6*

- 5405. Revisioning American Geographical Traditions (Sponsored by History of Geography Specialty Group)**
Room: Plaza Court 5 (Paper Session)
 ORGANIZER(S): Michael L. Dorn, Temple University
 CHAIR(S): Jodi Vender, Pennsylvania State University
2:00 Donald C. Dahmann, *Geography in Schools, Libraries, and Homes: Materials Available in the Nineteenth-Century United States*
2:20 Michael L. Dorn, Temple University, *The Foundations of American Medical Geography*
2:40 Michael Wadyko, *Alexander von Humboldt vs the Degenerationist Theorists*
3:00 Viva Nordberg, University of Kentucky, *Tracing Metaphors in Geomorphology*
3:20 John Cloud, NOAA Central Library, *Leschi's Revenge or, Destiny Re-Manifest: Governor Stevens, the Indians of Washington, and the Coast Survey*
- 5406. Through the Looking Glass: Experiencing Gender in the World of Planning (Sponsored by Geographic Perspectives on Women Specialty Group, Regional Development and Planning Specialty Group)**
Room: Plaza Court 6 (Paper Session)
 ORGANIZER(S): Vandana Wadhwa, University of Akron; Jennifer Yongmei Pomeroy, University of Maryland
 CHAIR(S): Jayati Ghosh, Dominican University Of California
2:00 Brenda Parker, University Of Wisconsin-Madison, *Sex and the City: Gendering Neoliberalism*
2:20 Talia M. McCray, University of Rhode Island, *Understanding women's accessibility needs by applying a GIS innovative activity based methodology*
2:40 Lalita Sen, Texas Southern Univ, *Does Gender Become an Added Burden for the Disabled Women? A Case Study in the Houston Metropolitan Area*
3:00 Jennifer Yongmei Pomeroy, University of Maryland, *Facets of the Gender Divide in Planning*
3:20 Vandana Wadhwa, University of Akron, *Alice Wants a Part of the (communicative) Action*
- 5407. Mountain Glory: Cultural Geographies of High Peaks and Ice (Sponsored by Cultural Geography Specialty Group, Mountain Geography Specialty Group)**
Room: Plaza Court 7 (Paper Session)
 ORGANIZER(S): Veronica Della Dora, UCLA; Denis E. Cosgrove, University of California
 CHAIR(S): Denis E. Cosgrove, University of California
2:00 Bernard Debarbieux, *The recent international mobilisation on mountains issues: the latest attempt for giving a global meaning to mountains?*
2:15 Gilles Rudaz, *Swiss mountain communities in a global network: local/global consequences of the international rise of mountain issues*
2:30 Ms. Anne-Laure Amilhat Szary, *When Tradition Is Unwillingly Enhanced: Contemporary Assessment of Andean Traditional Mobility Patterns.*
2:45 Veronica Della Dora, UCLA, *Rocky fantasies and circulating visions: Alexander the Great's Mountain*

3:00 Heather Frazar, University of California – Los Angeles, *Core Matters: Greenland, Denver, Los Angeles and the GISP2 ice core*
 Discussant(s): Denis E. Cosgrove, University of California

5409. The Landscape of Historical Geography in the Early 21st Century: A discussion (Sponsored by Historical Geography Specialty Group)

Room: Governor's Square 9 (Panel Session)

ORGANIZER(S): Robert Michael Wilson, Montana State University; Arn Keeling

CHAIR(S): Arn Keeling

Panelists: Jeanne Kay Guelke, University of Waterloo; Michael Heffernan, University of Nottingham; Anne E. Mosher, Syracuse University; Craig Colten, Louisiana State University; Richard C. Powell, Cambridge University; Robert Michael Wilson, Montana State University

5410. Mountain Rivers III: Channel Dynamics and Adjustment (Sponsored by Geomorphology Specialty Group, Mountain Geography Specialty Group)

Room: Governor's Square 10 (Paper Session)

ORGANIZER(S): Anne Chin, Texas A&M University; Ellen Wohl

CHAIR(S): Ellen Wohl

2:00 Ellen Wohl, *Wood dynamics in Rocky Mountain streams over 8 years*

2:20 Anne Chin, Texas A&M University, *The self-organization of step-pools in mountain streams*

2:40 Christine May, University of California - Berkeley, *Controls on Pool Formation in Steep, Coarse Bedded Channels of the Klamath Mountains in Northern California*

3:00 L Allan James, University Of South Carolina, *Increasing Fluvial Heterogeneity with Recovery from Episodic Sedimentation: Implications to River Restoration*

Discussant(s): Ellen Wohl; Anne Chin, Texas A&M University

5412. GIS & Planning

Room: Governor's Square 12 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey D. Hamerlinck, University of Wyoming

2:00 Jörg Wendel, *Joerg Wendel. GIS based slum-mapping: Facilitating a slum recovery process - The case study of Bhuj (State of Gujarat), India.*

2:20 Mark Patterson, Kennesaw State, *Integrating Remote Sensing and Emergency Services*

2:40 Mr. Vladimir Iassenovski, University Of Alberta, *Measuring neighbourhood spatial accessibility: The example of grocery store and fast-food accessibility in Edmonton, Canada.*

3:00 Jon Sperling, HUD/PDNR, *Building a Southwest Border Colonia Database: Challenges and Opportunities*

3:20 Jeffrey D. Hamerlinck, University of Wyoming, *Social Network Analysis of Organizational Actors in a Regional Geocollaboration*

5414. Health Risks in North America

Room: Governor's Square 14 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stentor Benjamin Danielson, Clark University

2:00 Tonny Oyana, Southern Illinois University, *Geographic Distribution of Sleep Apnea and Associations Between Access to Fast Food restaurants and Potential Health Outcomes Related to Obesity in Western New York State*

2:20 Jamie Baxter, University Of Western Ontario, *Urban Pesticide Reduction, Risk Perception and Neighbourhood Discontent: A Calgary-Halifax Comparison*

2:40 Esra Ozdenerol, University of Memphis, *Low birthweight and residential proximity to hazardous waste sites, Shelby county, TN*

3:00 Ms. Amatun Noor, *Lead: A leading hazard in Michigan*

3:20 Stentor Benjamin Danielson, Clark University, *Social capital as a double-edged sword: trust and distrust at a Superfund site*

5415. Identification of Forest Fragmentation, Forests, and Invasive Species Using Remote Sensing

Room: Governor's Square 15 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susan Stitt, United States Geological Survey

2:00 James R. Keese, Cal Poly State University, *Identifying Montane Forests in the Ecuadorian Andes using Remote Sensing*

2:20 Mr. Brady Couvillion, Louisiana State University, *Assessment of Trends in Forest Fragmentation in the Florida Parishes of Louisiana Using Landsat Imagery and Fragstats Spatial Analysis Software*

2:40 Christopher Michael McGinty, Utah State University, *Using MODIS Data for Cheatgrass (*Bromus tectorum*) Identification in the Great Basin*

3:00 Joseph Harwood, Kent State University Geography Department, *Landsat Detection of Submerged Aquatic Vegetation*

3:20 Susan Stitt, United States Geological Survey, *The Use of Earth Observing 1 Advanced Land Imager (EO1-ALI) Data for Mapping Invasive Leafy Spurge in Theodore Roosevelt National Park, North Dakota.*

5416. Research Directions in Geographic Ontologies

Room: Governor's Square 16 (Paper Session)

ORGANIZER(S): Ms. Pragma Agarwal, University Of Leeds

CHAIR(S): Ms. Pragma Agarwal, University Of Leeds

2:00 Kristopher Kuzera, *Understanding the interaction between ontology and scale in map comparison*

2:20 Femke Reitsma, University Of Maryland, *A New Process Oriented Data Model*

2:40 Mr. Brandon Bennett, Univeristy of Leeds, *Specifying an Ontology for the Classification of Hydrographic Features by the Application of "Standpoint Semantics"*

5417. Symbols and Language of Mapping*Room:* Governor's Square 17 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lawrence M. Ostresh, University of Wyoming

2:00 Jun Xu, SUNY at Buffalo, *Formalize Natural-language Spatial Relations of Linear Objects with Topologic and Geometric Information***2:20** Emmanuel Kiloson Mbohi, Kent State University Stark, *Contemporary advancement toward A Uniform Mapping Symbology: A Reality or Myth.***2:40** Mr. Jinmu Choi, University Of Georgia, *Spatial Data Management with Feature GIS***3:00** Mr. YOSHIKI HARADA, *A quantitative model of place names as a georeferencing system***3:20** Lawrence M. Ostresh, University of Wyoming, *An Algorithm for Converting Historical Latitudes and Longitudes into Geodetic Coordinates***5418. Immigration and Citizenship III: Contesting Citizenship (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural Geography Specialty Group)***Room:* Plaza Ballroom A (Paper Session)

ORGANIZER(S): Mary Gilmartin; Robert Kitchin, National University Of Ireland

CHAIR(S): Lawrence D. Berg, Okanagan University College

2:00 Deborah A. Phillips, University of Leeds, *Parallel Lives? Challenging Discourses of British Muslim Self-Segregation, Citizenship and Belonging***2:20** Mary Gilmartin, *Curtailing Citizenship: Irish Identity, Immigration and the Right to Exclude***2:40** Patricia Ehrkamp, Miami University Of Ohio, *Assimilating difference: Making immigrants into Germans?***3:00** Eleanore Kofman, Nottingham Trent University, *Managing Immigration and Citizenship in Europe***5419. Holocene Vegetation & Climate***Room:* Plaza Ballroom B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Stephen Wathen, University of California Davis

2:00 Andrew Bach, Western Washinton University, *Holocene History of Two Wetlands in the Coastal Temperate Rainforest of Olympic National Park, Washington, USA***2:20** Samantha W. Kaplan, University of Wisconsin, *High-resolution climate reconstructions in central and northern Wisconsin from multiple proxies in individual lake basins***2:40** Mr. Erick Trammell, *Using indicator taxa to describe groundwater levels in modern and paleoenvironments in central and southern Nevada***3:00** Mr. Stephen Wathen, University of California Davis, *Fire history of red fir within a Sierra Nevada watershed using lake sediments and dendrochronology*

5420. Quantitative Techniques II

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Paul Smith, Univ of North Carolina, Charlotte

2:00 Hyun Joong Kim, Kent State University, *An Evolutional Model of US Economy*

2:20 David Rain, The George Washington University, *International Development Indicators: Tools for a Nascent Movement?*

2:40 Kim Naqvi, University Of Saskatchewan, *Evaluating the Wellbeing Index: Testing Assumptions of Human Wellbeing in Industrialised Countries*

3:00 Paul Smith, Univ of North Carolina, Charlotte, *Estimating Hourly Populations Using Census Transportation Planning Package Data*

5421. Migration, Ethnicity, Displacement, and Expatriates

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Amy R. Sumpter, Louisiana State University

2:00 Bill Dakan, Univ of Louisville, *Gateway Migration to Interior Cities: County to County Mobility of Immigrants*

2:20 Ms. Melinda Alexander, Arizona State University, *Negotiating Displacement: Refugee Women Placed in Phoenix*

2:40 Ms. Theodora Lam, *Educators on the move: Transmigratory Experiences of Singaporeans Teaching Overseas*

3:00 Amy R. Sumpter, Louisiana State University, *Desperate Diseases Require Desperate Remedies : Crime, Health, and Environment in the Racialization of Sicilian Immigrants in New Orleans, 1880-1915*

5422. Modeling and Spatial Analysis

Room: Plaza Ballroom E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. David Morley, York University

2:00 Michael Shambaugh-Miller, University of Nebraska Medical Center, *Developing a Geo-Demographic Model for the Selection of Rural Sentinel Communities to Track the Impacts of Federal Health Policy*

2:20 Maria Jose Garcia Quijano, University Of South Carolina, *Hazardous waste site digital elevation model extraction using soft-copy photogrammetric and lidargrammetric techniques*

2:40 Prof. David Morley, York University, *Reframing an Adaptive Ecosystem Approach to Environment and Health through the Application of Participatory Action Research*

5424. Political Geography: Conflict and Cartographic Representations

Room: Director's Row E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Matthew Derrick

2:00 Julian V. Minghi, University of South Carolina, *Dayton's Impact on Bosnia: A Decade Later*

2:10 Milan Bufon, *Dayton's Impact on Bosnia: A Decade Later*

2:20 Karen Culcasi, Syracuse University, *Cartographic Constructions of the Middle East in Post-WWI Peace Negotiations*

2:40 George F. Botjer, University of Tampa, *Iraq's Coastal Boundary*

3:00 Mr. Matthew Derrick, *Contested Autonomy: Tatarstan under Putin*

5425. The City, the State, and the Politics of Difference (Sponsored by Urban Geography Specialty Group)

Room: *Director's Row F* (Paper Session)

ORGANIZER(S): Annemarie Bodaar, The Ohio State University; Eugene McCann, Simon Fraser University

CHAIR(S): Annemarie Bodaar, The Ohio State University

2:00 Anthony Falit-Baiamonte, University of Washington, *Undoing Racism in Seattle: The State-Community Relationship in a Neo-Liberal Metropolis*

2:20 David Wilson, University Of Illinois, *Neoliberalism and Multiculturalism: the Chicago Case*

2:40 Rini Sumartojo, Simon Fraser University, *State representations and multiculturalism: Indo-Canadian "youth violence" in Vancouver*

3:00 Annemarie Bodaar, The Ohio State University, *Is Multiculturalism dying? Negotiating state policies of integration in multi-ethnic cities in the Netherlands*

Discussant(s): Justus L. Uitermark, University of Amsterdam

5427. Hazards - New Directions by New Practitioners (honoring Jeanne X. Kaspersen) (Sponsored by Hazards Specialty Group)

Room: *Director's Row H* (Paper Session)

ORGANIZER(S): Jerry T. Mitchell, University of South Carolina

CHAIR(S): Jerry T. Mitchell, University of South Carolina

2:00 Mr. Ford James, *Climate change, natural hazards, and vulnerability: A case study of Arctic Bay, Nunavut*

2:20 Timothy W. Collins, Arizona State University, *Wildland-Urban Interface Fire Hazard Vulnerability in Arizona's White Mountains*

2:40 Muhammad Tauhidur Rahman, University of South Carolina, *Factors Affecting Villagers Perception towards Arsenic Hazard in Three Villages of Bangladesh*

3:00 Chunling Liu, Clark University, *Farmers' Coping Response to Yellow River's Low-Flows, 1990-1999*

3:20 Lindsey R. Barnes, *Looking at Superstorm '93: Perspectives of Emergency Managers in Southern Appalachia*

5431. SIO's Sense of Snow: Sam Outcalt and Cold-Regions Physical Geography I (Sponsored by Climate Specialty Group, Geomorphology Specialty Group, Cryosphere Specialty Group)

Room: *Tower Court B* (Paper Session)

ORGANIZER(S): Frederick E. Nelson, University of Delaware; Kenneth M. Hinkel, Department of Geography, University of Cincinnati, Cincinnati, OH 45221

CHAIR(S): Frederick E. Nelson, University of Delaware

- 2:00 Frederick E. Nelson, University of Delaware, *SIO's Sense of Science: A Bio-Bibliographic Sketch of Samuel Irvine Outcalt*
- 2:20 Anthony J. Brazel, Arizona State University, *Adventures in hot and cold places - a dedication to S.I. Outcalt (SIO)*
- 2:40 Prof. Jeff Dozier, University Of California - Santa Barbara, *Spatially Distributed Snowmelt and Metamorphism Models: How Well Do They Work?*
- 3:00 Douglas L Kane, Water and Environmental Research Center, *The Ups and Downs of a Seasonal Snow Cover in the Alaskan Arctic*
- 3:20 Kenneth M. Hinkel, Department of Geography, University of Cincinnati, *Spatial and temporal patterns of the urban heat island at Barrow, Alaska*

5435. Climate Change and Historical Geography

Room: Grand Ballroom 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Matt Zorn, Carthage College

2:00 Mr. Francis Ludlow, *Climate Change: A Native Irish Documentary Record*

2:20 Nicholas R. Doner, University of South Carolina, *A Reanalysis of Meteorological Conditions along the Overland Trails in 1849.*

2:40 Glen Conner, Western Kentucky University, *Nineteenth Century Weather and Time of Observation*

3:00 David A Call, Syracuse University, *A Flood of Information: The growth of weather pages in newspapers, 1902-2002*

3:20 Matt Zorn, Carthage College, *Climate Variability and Lake Michigan-Huron Water Levels*

5436. Symbolic Landscapes and Contested Sovereignty (Sponsored by Political Geography Specialty Group)

Room: Colorado (Paper Session)

ORGANIZER(S): Carol Medicott, Dartmouth College

CHAIR(S): Carol Medicott, Dartmouth College

2:00 Carol Medicott, Dartmouth College, *A 381Natural State? Nature and Nation on the Korean Peninsula*

2:20 Sara H. Smith, *The Geopolitics of Everyday Life: Buddhists and Muslims in Ladakh, India*

2:40 Prof. Irit Amit-Cohen, Bar Ilan University, *Contested Landscape and Disputed Sovereignty in the "Holy Land"*

Discussant(s): David Newman, Ben-Gurion Univ

5437. Privatization: Property, Nature, and Subjectivities III (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group)

Room: Silver (Paper Session)

ORGANIZER(S): Becky Mansfield, Ohio State University

CHAIR(S): Becky Mansfield, Ohio State University

2:00 David Demeritt, King's College London, *The Ironies of Property: 'White' Indians and the Nature of Title on the Maine Frontier*

2:20 Nicholas Blomley, Simon Fraser University, *Hedging out the poor: enclosure, dispossession and the work of things*

2:40 Stephen Healy, University Of Massachusetts, *Subjects of the Medical Commons and the Privatization of Psychic Life*

3:00 James McCarthy, Pennsylvania State University, *Commons as counterhegemonic projects*

Discussant(s): Margaret I. FitzSimmons, UC Santa Cruz

5438. Neoliberalism and the Agro-Food Sector II (Sponsored by Rural Geography Specialty Group)

Room: *Gold* (Paper Session)

ORGANIZER(S): Jamey Essex, Syracuse University

CHAIR(S): Jamey Essex, Syracuse University

2:00 Jan Groenendijk, University Of Utrecht, *EU's CAP review; regional resistance to agro-food liberalisation*

2:20 Jamey Essex, Syracuse University, *Internationalizing neoliberal knowledge: USDA, agricultural trade, and the regulation of biotechnology*

2:40 Sookjin Kim, University Of Minnesota - Minneapolis, *Scaling nature: biotechnology, intellectual property rights and the seed industry*

3:00 Carrie Breitbart, Syracuse University, *Free trade and the US beef industry*

Discussant(s): Joel Wainwright, University of British Columbia

5439. Participatory Geographies: Intersections of Theory and Practice (Sponsored by Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group)

Room: *Century* (Panel Session)

ORGANIZER(S): Caitlin Cahill, City University of New York-The Graduate Center; Rachel Pain, University of Durham

CHAIR(S): Caitlin Cahill, City University of New York-The Graduate Center

Introduction: Caitlin Cahill, City University of New York-The Graduate Center

Introduction: Rachel Pain, University of Durham

Panelists: Geraldine J. Pratt, University Of British Columbia; Ms. Sara Kindon;

Robert Kitchin, National University Of Ireland; Mike Kesby; Myrna

Breitbart, Hampshire College; Prof. Fahriye Sancar, University of Colorado-

Denver

5440. Data and Design Issues in Historical GIS III: Technical Challenges in HGIS (Sponsored by Historical Geography Specialty Group, Electronic Cultural Atlas Initiative, Geographic Information Science and Systems Specialty Group)

Room: *Spruce* (Paper Session)

ORGANIZER(S): G. Rebecca Dobbs, Univ of North Carolina at Chapel Hill; Ian N. Gregory, University of Portsmouth

CHAIR(S): Eli Paul, Queen's University

2:00 Richard Campanella, Tulane University, *Mapping and Analyzing Historical Spatial Distributions: Experiences and Challenges in an Urban Environment*

2:20 Michael T. Wheeler, *Technical Issues in Rendering Historical Topography: Recreating Eastern New York's Early Canals and Railroads*

2:40 Thomas J. Nolan, Middle Tennessee State University, *Reconstructing Civil War Battlefields: the Thematic and Positional Accuracy of Stones River Maps*

3:00 Mr. Brian Tomaszewski, *Reconstruction of Aztec Political Geography in the Toluca Valley of Mexico*

Introduction: Mary Ruvane, University Of North Carolina - Chapel Hill

Discussant(s): Anne Knowles, Middlebury College

5441. Discourses of Decentralization: Natural Resource Management in Latin America (Sponsored by Cultural and Political Ecology Specialty Group)

Room: Denver (Paper Session)

ORGANIZER(S): Margaret Wilder, University of Arizona

CHAIR(S): Margaret Wilder, University of Arizona

2:00 Margaret Wilder, University of Arizona, *Water, Governance and the State: Narratives and Denouements of Decentralization in Mexico*

2:20 Thomas A. Perreault, Syracuse University, *Neoliberalism and the re-scaling of environmental governance in Bolivia*

2:40 Elizabeth A. Oglesby, University Of Arizona, *The New Liberals, the Discourse of "Corporate Citizenship," and Resource Conflicts in Guatemala*

3:00 Anne Larson, *Municipal Governments and Indigenous Representation in Local Forest Management: Case studies from Nicaragua and Guatemala*

Discussant(s): Jesse Ribot

5444. Vegetation Dynamics: Disturbance and Invasion

Room: Biltmore (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Neil Frakes, University of Colorado

2:00 John Sakulich, Pennsylvania State University, *Vegetation change in response to changing fire regimes and human land use in the southern Guadalupe Mountains, Texas*

2:20 Marcus Reddish, *Forest Regeneration Pulses and Temporal Changes in Fire Hazard: Factors Influencing Germination Density for the Intermountain West*

2:40 Janet I. Halpin, Chicago State University, *Early Nineteenth Century Plant Introduction, Naturalization and Dispersal, Documented in the North American Works of André Michaux and François-André Michaux*

3:00 Mr. Neil Frakes, University of Colorado, *Exotic plant invasion into the Rawah Wilderness, Colorado*

5445. Innovation in Methods and Technology in Teaching Undergraduate Geography

Room: Captiol (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Forrest D. Wilkerson, Minnesota State University

2:00 Ms. Anna Mallory, University of New Hampshire, *When is a Peer not a Peer: Considerations of Undergraduates Teaching Undergraduates*

2:20 David Goldblum, University of Wisconsin, *Using lab visualization supplements and lecture quizzes to enhance learning in a Physical Geography lab course*

2:40 Cathy Dowd, Augustana College, *Use of GHCN and Climaps Data in Introductory Physical Geography Labs*

3:00 Scott A. Drzyzga, Shippensburg University, *Landscape in a bottle: the stream table in GIS and mapping science courses*

3:20 Forrest D. Wilkerson, Minnesota State University, *A comparison of teaching methods: Field Methods at Texas State University 2001 and 2002*

5446. Whither Postcommunist Studies? 15 Years On - Economy and Environment (Sponsored by Russian, Central Eurasian, and East European Specialty Group)

Room: Columbine (Panel Session)

ORGANIZER(S): Chad Staddon, University of the West of England

CHAIR(S): Craig Young, Manchester Metropolitan University

Panelists: Petr Pavlinek, University Of Nebraska at Omaha; Marianna Pavlovskaya, Hunter College; Robert Begg, Indiana University Of Pennsylvania; Chad Staddon, University of the West of England

5447. Outsourcing War: The Rise of Private Military Corporations (Sponsored by Military Geography Specialty Group)

Room: Terrace (Panel Session)

ORGANIZER(S): Guntram Herb, Middlebury College; Christian Allen, University of Georgia

CHAIR(S): Guntram Herb, Middlebury College

Panelists: Guntram Herb, Middlebury College; Eugene J. Palka, USMA, West Point; Steven Oluic; Carl Thor Dahlman, University of South Carolina; Christian Allen, University of Georgia; Steven Flusty, Department Of Geography, York University

5448. Transportation Implications of Canada's Aging Population: A GEOIDE Project (Sponsored by Spatial Analysis and Modeling Specialty Group, Population Specialty Group, Transportation Geography Specialty Group)

Room: Savoy (Paper Session)

ORGANIZER(S): Bruce Newbold, McMaster University; Darren M. Scott, McMaster University

CHAIR(S): Bruce Newbold, McMaster University

2:00 Darren M. Scott, McMaster University, *Transportation Implications of Canada's Aging Population: A GEOIDE Project*

2:20 Mr. Ruben Mercado, *Transport Policy Responses to Elderly Mobility in Aging Societies: An International Comparison*

2:40 Pavlos S. Kanaroglou, McMaster University, *A GIS-Based Decision Support Tool to Study the Impact of Elderly Population on the Transportation System in Hamilton Census Metropolitan Area (CMA)*

3:00 Mr. Dimitris Potoglou, McMaster University, *Canada's Elderly Travel Behaviour – Experience from the Hamilton Census Metropolitan Area*

5449. Europe: Political and Economic Change

Room: *Majestic Ballroom* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Paul Stangl, University of Nevada, Reno

2:00 Kenneth Johnson, SUNY-Oneonta, *Decision-Making in the Expanded European Union*

2:20 Yenal Kucuker, *Spatial Impacts of the European Union*

2:40 Joel Peetersoo, *EU enlargement and representations of Estonia in Finnish and Swedish news material in spring, 2004*

3:00 Ms. Gabriella Olshammar, The University of Gothenburg, *Urban industrial sites and actors for change. A socio-cultural perspective on brownfield redevelopment in Sweden*

3:20 Paul Stangl, University of Nevada, Reno, *Restoring Berlin's Unter den Linden: Ideology, World View, Place and Space*

5450. Geographies of Community Economics (Sponsored by Socialist and Critical Geography Specialty Group)

Room: *Vail* (Paper Session)

ORGANIZER(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill

CHAIR(S): Jonathan D. Lepofsky, University of North Carolina at Chapel Hill

2:00 Ms. Evan Schmidt, *Measuring the Successes and Failures of Complimentary Currency Networks in the United States*

2:20 Jennifer Mapes, Penn State University, *Hating to love the big-box: Consumer choice and the changing structure of small town retail*

2:40 Ms. Nina Martin, *Life at the Bottom: Social Institutions and the Informal Economy in Chicago*

3:00 Jonathan D. Lepofsky, University of North Carolina at Chapel Hill, *A Tool of Illustration: Tracing Community Economics through Local Money*

4:00 p.m. - 5:40 p.m.**5501. Medical Geography: Trends**

Room: *Plaza Court 1* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jonathan D. Mayer, University of Washington

4:00 Ms. Caroline Faria, *Gendering National Responsibility in the Ghanaian Fight against HIV/AIDS*

4:20 Dr. Michelle Cochrane, University Of California - Berkeley, *A Review of Geographical Research on AIDS in Sub-Sahara Africa*

4:40 Elena Lioubimtseva, Grand Valley State University, *Trends and patterns of vector-borne disease ecology and transmission in Central Asia.*

5:00 Mr. Robert Penfold, Columbus Children's Hospital, *Rural-Urban Disparities in Length of Stay among children with appendicitis*

5:20 Jonathan D. Mayer, University of Washington, *SARS in the Media: A Cross-National Content Analysis*

5502. Innovations in Volunteerism, Public Participation, and Communications in Geography

Room: Plaza Court 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Radke, University of California - Berkeley

4:00 Ola Ahlqvist, Penn State University, *Analysis of differences in communication for co-located vs. remote, web-enabled collaborators*

4:20 Mark W. Rosenberg, Queen's University, *Geographies of Volunteerism: Conceptualizing Volunteers and Volunteer Organizations in the Health Sector*

4:40 Patricia Fitzpatrick, *Negotiating the rules: Strengthening interactive policy making in EA*

5:00 Ms. Julia MacKenzie, Simon Fraser University, *Is public participation necessary for the Vancouver 2010 Sustainability Olympics?*

5:20 John Radke, University of California - Berkeley, *Development of Web geographic information platform to support public participation*

5503. Issues in Asian Geography

Room: Plaza Court 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Martin Bunch, York University

4:00 Demian Hommel, *Continuity and Change: Territoriality in a Thai National Park*

4:20 Mr. Rajiv Rawat, *Chipko's Quiet Legacy: Contemporary "Environmental" Movements in the Indian Himalayas*

4:40 Sula Sarkar, University of Minnesota, *The Hazards of Living: Poverty and the Dangers of Environmental Pollution in Kolkata (Calcutta), India*

5:00 Prof. Beth Franklin, York University, *The Praxis of an Adaptive Ecosystem Approach Using Participatory Action Research: Engaging Multiple Stakeholders in Health Promotion in Slum Settlements in Chennai, India*

5:20 Prof. Martin Bunch, York University, *Using GIS to support Participatory Action Research in Slum Areas in Chennai India*

5505. Applied Transportation Research Projects (Sponsored by Applied Geography Specialty Group, Transportation Geography Specialty Group)

Room: Plaza Court 5 (Paper Session)

ORGANIZER(S): Barry Wellar, University of Ottawa

CHAIR(S): Barry Wellar, University of Ottawa

Introduction: Barry Wellar, University of Ottawa

4:05 Sharada R. Vadali, Texas A&M University, Texas Transportation Inst, *A Spatial Analysis of Costs and Benefits of Transportation Added Capacity Projects*

4:25 Kevin Biglin, University of Vermont, *Ecological Impacts of a Proposed Highway: Mapping the Road-Effect Zone*

4:45 Robert J. Czerniak, *Evaluating Options for an Intercity Shuttle in Rural New Mexico*

5:05 Mr. Sylvain LASSARRE, *An integrated approach to transport modelling: a European experience*

Discussant(s): Barry Wellar, University of Ottawa; Nairne Cameron

5506. Health and (missed) Development: Issues and Imperatives. A Session to Honor Dr. Ashok K. Dutt (Sponsored by Medical Geography Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group)

Room: Plaza Court 6 (Panel Session)

ORGANIZER(S): Vandana Wadhwa, University of Akron; Jayati Ghosh, Dominican University Of California

CHAIR(S): Jayati Ghosh, Dominican University Of California

Panelists: Bimal Kanti Paul, Kansas State Univ; Ezekiel Kalipeni, University of Illinois; Yehua Dennis Wei, University of Wisconsin; Cindy Fan, UCLA; Lalita Sen, Texas Southern Univ

5507. Empirical Economic Approaches to the Geographies of Globalization (Sponsored by Economic Geography Specialty Group, Developing Areas Specialty Group, Spatial Analysis and Modeling Specialty Group)

Room: Plaza Court 7 (Paper Session)

ORGANIZER(S): Raymond J. Dezzani, University of Idaho

CHAIR(S): Andrew E.G. Jonas, University of Hull

4:00 Raymond J. Dezzani, University Of Idaho, *Empirical Analysis of Competing Globalization Frameworks: World-Systems, Trade Regionalization and the New Economic Geography*

4:20 Daisaku Yamamoto, Univ of Minnesota, *Evolution of Regional Per Capita Income Differentials in the United States and Japan: A Comparative Study*

5508. Gendered Geographies of Water: Trends and Challenges (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group, Geographic Perspectives on Women Specialty Group)

Room: Plaza Court 8 (Paper Session)

ORGANIZER(S): Farhana Sultana, University of Minnesota

CHAIR(S): Farhana Sultana, University of Minnesota

4:00 Sarah J. Halvorson, University of Montana, *Beyond the Mountain Oasis: A Gender Perspective on Water and Environmental Health in the Hindu Kush-Karakoram-Himalaya*

4:20 Farhana Sultana, University of Minnesota, *Drops of life, Drops of death: Gendered Geographies of a Drinking Water Crisis in Bangladesh*

4:40 Vanessa Empinotti, University of Colorado - Boulder, *Struggling for Water: Women's influence on water management in Brazil*

Discussant(s): Kathleen O'Reilly, University of Illinois

5509. Innovation, Analysis, Inquiry, and Reflection in Geography Education*Room: Governor's Square 9 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Lisa M. DeChano, Western Michigan University

4:00 Susan Gallagher, National Center for Atmospheric Research, *The GLOBE Program and Geographic Inquiry*4:20 Ms. Baruo Besem Enyong, *Reflecting on effective teaching: What makes teaching effective?*4:40 Mr. Julien C. Racette, Canadian Museum of Nature, *Museums Clue in to Climate Change*5:00 Jonathan M. Harbor, Purdue University, *Middle School Teachers Learning and Teaching Inquiry Using Investigations of Local Environments*5:20 Lisa M. DeChano, Western Michigan University, *Flexible Teaching Modules: On-line, Off-line, and Lecture Options in Physical Geography***5510. Land Use and Land Cover Change***Room: Governor's Square 10 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Rachel Kurtz, United States Geological Survey

4:00 Jialing Wang, Florida State University, *Forest Landscape Pattern Analysis Using Remote Sensing, GIS and Landscape Metrics*4:20 Barry N. Haack, George Mason University, *Measuring and Modeling of Land Cover/Use Changes in the Kathmandu Valley*4:40 DongMei Chen, Queen's University, *Sampling schemes and their impacts on area estimation errors from land use/cover maps*5:00 Ms. Wenjie Sun, *Multiple Level GIS-Based Empirical Analysis of Major Land Use/Cover Change Dynamics in Monroe County Indiana*5:20 Rachel Kurtz, United States Geological Survey, *Land use and land cover change in the Blue Ridge Mountains Ecoregion: exploring landscape persistence***5512. Collaborative GIS and decision-making***Room: Governor's Square 12 (Paper Session)*

ORGANIZER(S): Suzana Dragicevic, Simon Fraser University; Rob Feick, University of Waterloo

CHAIR(S): Suzana Dragicevic, Simon Fraser University

4:00 Shivanand Balam, Simon Fraser University, *Object oriented design and modeling of patterns in collaborative GIS processes*4:20 Timothy L. Nyerges, University of Washington, *Valued-Concerns as an Ontological Foundation in Participatory, Transportation Improvement Decision Making*4:40 Rob Feick, University of Waterloo, *Toward localized forms of GIS-MCDM analyses*5:00 Keiron Bailey, *Participatory electric power transmission line routing using the EP-AMIS GIS/multicriteria methodology*5:20 Mr. Guirong Zhou, *Representation of stakeholder values in collaborative water resource decision making*

5514. Government Impacts on Agriculture*Room: Governor's Square 14 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Elizabeth C. Dunn, University Of Colorado - Boulder

4:00 Ben Sherrouse, United States Geological Survey, *Agricultural Land Use Trends in the Edwards-Trinity Aquifer Region*4:20 Kenji K. Oshiro, Wright State University, *Changes in Government-Dependent Rice Production in Japan*4:40 Mr. David Botelho, University Of Georgia, *Analysis of US and UK Media Coverage of genetically Modified Food 1993-2003*5:00 Elizabeth C. Dunn, University Of Colorado - Boulder, *Modern Milk and the Spaces of State Regulation***5515. Human-Native Relation***Room: Governor's Square 15 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Stephen S. Birdsall, University Of North Carolina - Chapel Hill

4:00 Robert Michael Wilson, Montana State University, *Nature's Body: Rachel Carson and Hybrid Geographies*4:20 Mark Altaweel, *Holistic Agent-Based Simulations of Social and Natural Landscape Dynamics*4:40 Heike Egner, *Understanding systems. Different answers from system theory for analysing the relationship between humans and their environment*5:00 Susan J. Gilbertz, Montana State University-Billings, *Interpreting the Milltown Superfund Clean-up: A Tale of Geopietry or Eco-tragedy?*5:20 Stephen S. Birdsall, University Of North Carolina - Chapel Hill, *Trees as Personal Memorials***5516. Topics in Historical Geography***Room: Governor's Square 16 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mark Giordano, Oregon State University

4:00 Christine Petto, Southern CT State University, *'For the Service of my Husband': Widow Mapmakers of Early Modern Europe*4:20 Henry Way, University of Kansas, *The Tory Geography of the American Revolution*4:40 Drew Bednasek, The University of Kansas, *British Colonial Geographies of Africa During the Interwar Years*5:00 Wayne L. McKim, Towson University, *Tipping the Balance: Three Empire Builders who brought East Africa under British Influence*5:20 Mark Giordano, Oregon State University, *The History and Geography of Trans-Boundary Water Law in Africa*

5517. Stream Morphology and Structured Fluvial Systems

Room: Governor's Square 17 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michelle Luebke

4:00 Lorin Groshong, University of Oregon, *Structuring the Umatilla River*

4:20 Mr. Joe Dickerson, University of South Carolina, *Geomorphology and Sediment History of Garner's Mill, South Carolina*

4:40 Michelle Luebke, *Flow and habitat dynamics associated with entrenched channels*

5519. Topics in Energy

Room: Plaza Ballroom B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susan M. Macey, Texas State University

4:00 Xiaoying Yang, *Determinants of Water Use by Thermoelectric Power Plants*

4:20 Ms. Sin Yee So, Hong Kong Baptist University, *Energy Transition and Natural Gas Consumption in China*

4:40 Susan M. Macey, Texas State University, *Nuclear Energy and Preparedness: An Analysis of the Population and Institutions at Risk in the Emergency Planning Zone.*

5520. Retail Location Analysis

Room: Plaza Ballroom C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David L. Prytherch, Miami University

4:00 Lawrence Joseph, Jr., *Measuring the Locational Performance of Franchised Businesses*

4:20 Ms. Yingru Li, *A GIS based locational analysis on Wal-Mart and Kmart stores in nine counties of Cincinnati CMSA with the Huff model*

4:40 William Graves, UNC-Charlotte, *Wall Street and Wal-Mart: Overcoming Headquarters Isolation to Finance the Creation of the World's Largest Retailer*

5:00 Mujiao Li, Ohio State University, *A Multi-Criteria Analysis of Store Location Patterns*

5:20 David L. Prytherch, Miami University, *Don't Box Me In: Rethinking Superstore Sprawl as a Space of Flows*

5521. Meaning and Creation of Space and Place

Room: Plaza Ballroom D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anthony L. Barranda, University of California, Los Angeles

4:00 Jeff Masuda, University Of Alberta, *Place and rural change: A case study of a 'restructuring' community in the city's countryside*

4:20 Rashi Sharma, *Revival of the Bungalow: The Socio-cultural Values and Aesthetic Meanings attached to the late 20th century Bungalow Neighborhoods.*

4:40 Ellen Hostetter, *The Emotions of Landscape: Anxiety, Downtown, and the Roadside Strip in Lexington, Kentucky's Planning Documents*

5:00 Liz J. Taylor, University of Cambridge, *Children's constructions of distant places: evaluating understandings from the literature*

5:20 Anthony L. Barranda, University of California, Los Angeles, *Transgressing the boundaries of the airport terminal: Are we really there yet?*

5522. Current Topics Roundtable: The 2004 US Elections as 'Culture War'? (Sponsored by Political Geography Specialty Group)

Room: *Plaza Ballroom E* (Panel Session)

ORGANIZER(S): Philip E. Steinberg, Florida State University; Shannon O'Lear, University Of Kansas- Geography Department

CHAIR(S): Philip E. Steinberg, Florida State University

Panelists: Michael P. Brown, University of Washington; Thomas Chapman, Florida State University; Robert W. Lake, Rutgers University; Don Mitchell, Syracuse University; Clayton Rosati, Syracuse University; Fred M. Shelley, University of Oklahoma

5525. Thinking and Researching the Asian City (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Asian Geography Specialty Group)

Room: *Director's Row F* (Paper Session)

ORGANIZER(S): Jamie Gillen, University Of Colorado; Josh Lepawsky, University of Kentucky

CHAIR(S): Jamie Gillen, University Of Colorado

4:00 Josh Lepawsky, University of Kentucky, *A museum, a city, a nation*

4:20 Jamie Gillen, University Of Colorado, *Toward a Global Entrepreneurial City Model*

4:40 Chor Yee Wong, Texas Tech University, *Globalization: Hong Kong's Re-positioning in Regional Co-operation and Integration*

5:00 Kyonghwan Park, University of Kentucky, *Transnationalism and Fragmented Geographies of the Diasporic Asian City: Rethinking Koreatown in Los Angeles*

5527. Reducing Risk from Debris Flows and Floods in the US and Italy (Sponsored by Hazards Specialty Group)

Room: *Director's Row H* (Paper Session)

ORGANIZER(S): Eve Gruntfest, University of Colorado

CHAIR(S): Burrell E. Montz, Binghamton University

4:00 Eve Gruntfest, University of Colorado, *Improving Short-fuse warnings for flash floods: A Denver case study*

4:20 Ms. Simona Caragliano, *Cultural, social and organizational factors influencing disaster preparedness and response.*

4:40 Prof. Enrica Caporali, *Reconstruction of past scenarios for natural hazards analysis*

5:00 Susan Cannon, *GIS-based Methods for Rapid Assessments of Post-Wildfire Debris-Flow Hazards from Recently Burned Basins*

Discussant(s): Burrell E. Montz, Binghamton University

5531. SIO's Sense of Snow: Sam Outcalt and Cold-Regions Physical Geography II (Sponsored by Climate Specialty Group, Geomorphology Specialty Group, Cryosphere Specialty Group)

Room: Tower Court B (Paper Session)

ORGANIZER(S): Frederick E. Nelson, University of Delaware; Kenneth M. Hinkel, Department of Geography, University of Cincinnati, Cincinnati, OH 45221
CHAIR(S): Kenneth M. Hinkel, Department of Geography, University of Cincinnati, Cincinnati, OH 45221

4:00 Hugh French, University Of Ottawa, *Patterned ground on Mont Jacques-Cartier, Gaspesie, Quebec, Canada*

4:20 Antoni G. Lewkowicz, University of, *Short-term palsa dynamics in Wolf Creek, Yukon Territory, Canada: preliminary results*

4:40 Susan W.S. Millar, Syracuse University, *Processes dominating macro-fabric generation in periglacial colluvium*

5:00 Anna Klene, University of Montana, *Validation of SIO Predictions Concerning Urbanization and Climate in Barrow, Alaska*

5:20 Nikolay Shiklomanov, University of Delaware, *Current Status and Problems of Permafrost Modeling: Results From the First Workshop on Geographic Modeling and Remote Sensing of Permafrost*

5532. Pragmatistic Geographies

Room: Tower Court C (Panel Session)

ORGANIZER(S): Nichola Wood; Prof. Susan Smith

CHAIR(S): Trevor J. Barnes, University Of British Columbia

Introduction: Trevor J. Barnes, University Of British Columbia

Panelists: Malcolm P. Cutchin, University of Texas Medical Branch; Nichola Wood; Prof. Susan Smith; Paul Plummer

5533. The Dynamics of Change in Urban Landscapes

Room: Tower Court D (Paper Session)

ORGANIZER(S): Janis Taylor, Science Applications Internation Corporation

CHAIR(S): David Hester, United States Geological Survey

4:00 William Acevedo, United States Geological Survey, *The Historical Development of the Nation's Urban Areas*

4:20 Carl Markon, U.S. Geological Survey, *Urban Dynamics in Alaska: a 30 Year Study of the Municipality of Anchorage*

4:40 David Hester, United States Geological Survey, *Analyzing Albuquerque's Landscape Evolution in the 20th and 21st Centuries*

5:00 Carol S. Mladinich, United States Geological Survey, *Northern Colorado Front Range Regional Landscape Change*

5:20 Janis Taylor, Science Applications Internation Corporation, *Change to urban, agriculture, and forested land in central and southern Maryland from 1850-1990*

5535. Climate Models*Room: Grand Ballroom 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Sara Rauscher, Columbia University

4:00 Brenda Mulac, Aerosonde North America INC, *Use of Aerosonde Profile Data for Validation of Atmospheric Parameterizations in Polar Models***4:20** Tim Owen, NOAA, *Climate Services Partnerships: NOAA's National Climatic Data Center and Regional Climate Centers***4:40** Robert E. Livezey, NWS/NOAA Climate Services, *NOAA/NWS Programs, Plans and Progress for Regional and Local Climate Services and Decision Support***5:00** Ms. Sara Rauscher, Columbia University, *Regional climate model simulated timing and character of seasonal rains in South America***5:20** Elsa Nickl, *Teleconnections and climate in the Peruvian Andes***5536. Symbolic Landscapes and Contested Sovereignty, II (Sponsored by Political Geography Specialty Group)***Room: Colorado (Paper Session)*

ORGANIZER(S): Carol Medicott, Dartmouth College

CHAIR(S): Carol Medicott, Dartmouth College

4:00 Marilyn Silberfein, Temple University, *Boundaries in the Mano River Region during Fifteen Years of Conflict***4:20** Ms. Mariko Silver, *Land and Water Cambodia***4:40** Mr. Joshua Comaroff, *Fringes of a Nation: Space and Social Regulation in Singapore***5537. Landscape Change and Natural Resource Scarcity in Latin America***Room: Silver (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Mathilde Perrault-Archambault, McGill University

4:00 Lindsey McSherry, *Small Border Towns and Transborder Circuits: A Landscape Study of Palomas, Mexico and Columbus - Deming, New Mexico***4:20** Katherine Freer, *Questions about the Applications of Lessons on Cuban Adaptation to Resource Scarcities***4:40** Sr. Julio Postigo, *Andean poverty and natural resources: Huancavelica, the poorest department of Peru***5:00** Ms. Mathilde Perrault-Archambault, McGill University, *Agrobiodiversity in Achuar and Urarina Amazonian communities of Northeastern Peru***5538. Neoliberalism and the Agro-Food Sector III (Sponsored by Rural Geography Specialty Group)***Room: Gold (Paper Session)*

ORGANIZER(S): Jamey Essex, Syracuse University

CHAIR(S): Jamey Essex, Syracuse University

4:00 Alistair Geddes, Pennsylvania State University, *Fixing to count sheep, part 2: from counting to accountability*

- 4:20 Samuel Thomas Ledermann, Macalester College, *Agricultural Subsidies and the Doha Round: A Historic Breakthrough?*
- 4:40 Mr. J Robert Sirrine, *Recreating Farm Histories: The Relationship Between Farm Structure, Markets and Sustainable Practices in Northern Michigan's Fruit Belt*
- 5:00 Kathleen McAfee, Yale University, *Food Sovereignty: An Alternative to Neoliberal Regulation of Agriculture?*
- Discussant(s): Richard A. Walker, University of California-Berkeley

5539. New and Old Abstractions of Geographic Representation

Room: Century (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Yu (Helena) He

4:00 Prof. Diane Ferrero-Paluzzi, *Geography and Communication: A Communication Professor's Examination of the Connection*

4:20 Professor Chris P. Philo, University of Glasgow, *Of Habermas, public spheres and coffee-houses*

4:40 Michael W. Longan, Valparaiso University, *Building Virtual Regions in Cyberspace*

5:00 Yu (Helena) He, *Noise Data Mapping Techniques for Industrial and Research Purposes*

5540. Data and Design Issues in Historical GIS IV: Visions and Collaborations (Sponsored by Historical Geography Specialty Group, Electronic Cultural Atlas Initiative, Geographic Information Science and Systems Specialty Group)

Room: Spruce (Paper Session)

ORGANIZER(S): Mary Ruvane, University Of North Carolina - Chapel Hill; Ell Paul, Queen's University

CHAIR(S): G. Rebecca Dobbs, Univ of North Carolina at Chapel Hill

4:00 Susan J. Bergeron, West Virginia University, *Multimedia GIS and geovisualization in historical and cultural landscape analysis*

4:20 Caverlee Cary, University of California, Berkeley, *Geographies and Museums: Mapping the Art of Ayutthaya*

4:40 Roy Bradshaw, University of Nottingham, *Standards, metadata and benchmarks: quality control in Historical GIS*

5:00 Mary Ruvane, University Of North Carolina - Chapel Hill, *Interdisciplinary collaboration and database modeling for historical GIS: structured annotation for land grant research*

Introduction: Ian N. Gregory, University of Portsmouth

Discussant(s): Prof. Ruth Mostern, University Of California

5541. Historical Environmental Change in Latin America (Sponsored by Cultural and Political Ecology Specialty Group, Historical Geography Specialty Group, Latin America Specialty Group)

Room: *Denver* (Paper Session)

ORGANIZER(S): Eric D. Carter, University of Wisconsin

CHAIR(S): Eric D. Carter, University of Wisconsin

4:00 Andrew Sluyter, The Louisiana State University, *Drainage of Mexican Wetlands: Texts and landscapes*

4:20 Sandra Baptista, Rutgers University, *Forest Transition and Sprawl Development in the Coastal Zone of Southern Brazil*

4:40 Eric D. Carter, University of Wisconsin, *Socio-environmental dynamics of malaria control in Northwest Argentina, 1890-1950*

Discussant(s): Kent Mathewson, Louisiana State University

5544. Mountain Environments and Processes

Room: *Biltmore* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Donna Tucker, University Of Kansas

4:00 Brandon J. Vogt, Arizona State University, *Exploring mountain denudation processes and rate utilizing contour line pattern analysis and space-for-time substitution*

4:20 Pei-Ling Lin, National Taiwan Normal University, *Debris Flow Impact Assessment Using ROCSAT-2 Stereo-pair Imageries*

4:40 Shane Csiki, *The spatial distribution of heavy metals in the floodplain of the Alamosa River, Colorado*

5:00 Jingfen Sheng, University of Southern California, *Landform Characteristics of Household Sites in Mountainous Areas*

5:20 Prof. Donna Tucker, University Of Kansas, *Thunderstorm Generation in the Rocky Mountains: A Case Study*

5545. Geospatial Infrastructures and Databases

Room: *Captiol* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert S. Chen, CIESIN/Columbia University

4:00 Anne O'Connor, US Census Bureau, *The National Digital Orthophoto Program (NDOP): Another Federal Partnership Supporting the MAF/TIGER Accuracy Improvement Program*

4:20 Mr. Cameron Wilson, Government of Canada, *National Atlases and Spatial Data Infrastructures; puppy love or a match made in heaven?*

4:40 Robert S. Chen, CIESIN/Columbia University, *Improving Management of Geospatial Electronic Records*

- 5546. Whither Postcommunist Studies? 15 Years On - Politics and Society (Sponsored by Russian, Central Eurasian, and East European Specialty Group)**
Room: Columbine (Panel Session)
 ORGANIZER(S): Chad Staddon, University of the West of England
 CHAIR(S): Robert Begg, Indiana University Of Pennsylvania
 Panelists: Kathrin Hoerschelmann, University of Plymouth, U.K.; Craig Young, Manchester Metropolitan University; Mr. Christian Yeomans, University of Wales, Aberystwyth
- 5547. Military Landscapes in Peace and War (Sponsored by Military Geography Specialty Group)**
Room: Terrace (Paper Session)
 ORGANIZER(S): Francis A. Galgano, United States Military Academy
 CHAIR(S): Francis A. Galgano, United States Military Academy
4:00 Jon Malinowski, U.S. Military Academy, *The Aristocratic Nursery: Nineteenth Century Views on West Point and the West Point Landscape*
4:20 Francis A. Galgano, United States Military Academy, *U.S. Base Closures and the Post-Cold War Military Landscape*
4:40 Joseph P. Hupy, *Assessing Landscape Disturbance and Post-Disturbance Evolution Across a WWI Battlefield: Verdun, France*
5:00 Arnon Soffer, University Of Haifa, *The Growing Importance of Cities as Present and Future Battlefields*
5:20 Yaïves Ferland, Defence R&D Canada - Valcartier, *Cartographic Developments for Military Situation Awareness*
- 5548. Migration Analysis and Estimation (Sponsored by Spatial Analysis and Modeling Specialty Group, Population Specialty Group)**
Room: Savoy (Paper Session)
 ORGANIZER(S): James Raymer, University of Southampton
 CHAIR(S): James Raymer, University of Southampton
4:00 James Raymer, University of Southampton, *The Estimation of International Migration Flows in the European Union*
4:20 Junwei Liu, University Of Colorado, *Indirect Estimation of Directional Migration Flow using Age-specific Net Migration Data*
4:40 Bruce Newbold, McMaster University, *Applying Population Projection Models at Small Spatial Scales*
5:00 Jani Little, University of Colorado, *What Can the Age Composition of the Population Tell Us about the Age Composition of Migrants?*

5549. Indigenous Peoples: Cultures and Economies

Room: *Majestic Ballroom* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kevin Gilmore, University Of Denver

4:00 Julienne R. Gard, California State University, Long Beach, *Creating Health in a Native American Sweat Lodge: the production of an alternative healing space*

4:20 Noah Hopkins, *This Bites! : The Changing Human-Canine Interface of a Highland Guatemalan Maya Community*

4:40 Lauren Martin, University of Kentucky, *'El venemo del pueblo': Dairy Development's socio-cultural Impacts in Santa Cruz, Oaxaca, Mexico*

5:00 Santiago Lopez, University Of Texas, *Assessing land use and land cover change in indigenous communities: the Ecuadorian Achuar of the Pastaza Basin*

5:20 Kevin Gilmore, University Of Denver, *The Ebb and Flow of Human Tides: A Population-based Model for Prehistoric Athapaskan Migration Along the Western High Plains Margin*

PARTICIPANT INDEX

A

- Ababneh, Linah 2251
Abbas, Dalia 2134
Abbitt, Robbyn 4434
Abbott, J 1522
Abdenur, Adriana 4333
Abi Haidar, Hounaida 1505
Abizaid, Christian 2411
Abraham, Joseph 1546, 1646
Abu-Zahra, Nadia 3240
Acevedo, William 5533
Acheson, Gillian 4101
Ackerman, Joy 3147
Ackerman, William 3620
Adair, Brandon 4350
Adam, Iddrisu 4204, 4444
Adams, Jennifer 3204
Adams, John 3618
Adams, Joy 1630
Adams, Paul 1601, 2504, 5139
Adamski, Robert 4251
Adderley, Paul 3532
Addie, Jean-Paul 3441
Addlesberger, Asia 3633
Adegoke, Jimmy 2525
Adepoju, Matthew 3244
Adey, Peter 4315
Adom, Cynthia 3511
Agarwal, Pragya 5416
Agbobli, Ebenezer 5101
Aggett, Graeme 1603
Aguilar-Robledo, Miguel 3214
Ahas, Rein 5233
Ahlqvist, Ola 5502
Ahmed, Nobbir 4416
Ahmed, Rafique 2451
Ahmed, Waquar 2538, 3146
Aiken, Charles 1610
Airriess, Christopher 4525
Aitken, Stuart 1648, 2448
Akerman, James 5205
Akinwumi, Komolafe 3222
Akiwumi, Fenda 3511, 5204
Akwawua, Siaw 3144
Al-Ostad, Abdulaziz 2551
Al-Yousef, Mohammed 5114
Ala-Rämi, Katariina 1539
Alabi, Omowumi 2525
Albert, Katherine 2541
Alberts, Heike 3507, 3607
Albright, Tom 2233
Alden, Heather 4146
Alderman, Derek 1501, 2110, 2510, 4401
Aldrich, Serena 2233
Aldrich, Stephen 2111, 2211
Aldrin, Jillian 3551
Aldstadt, Jared 1604
Alessandrini, Pietro 4211
Alexander, Melinda 5421
Alexander, Michael 3137
Alexander, Toni 3624
Alfieri, Joseph 4135
Algeo, Katie 4118
All, John 1512
Allaway, Arthur 5120
Allen, Christian 3207, 5447
Allen, Jeffery 2535
Allen, Jim 1537, 2547, 3607
Allen, Tom 3121
Allen, Tracy 5122
Alper, Rebecca 2451
Altaweel, Mark 5515
Alvarez, Aldo 4110
Ambinakudige, Shrinidhi 4321
Amery, Hussein 4549, 5250
Amiel, Magali 2527
Amilhat Szary, Anne-Laure 5407
Amin, Shahalam 5151
Amissah-Arthur, Abigail 4505
Amit-Cohen, Irit 5436
Ampofo, Akosua 3244
Amstislavski, Philippe 1640
An, Li 1543
Anchukaitis, Kevin 2150, 2250, 2450
Andersen, Mark 3409
Anderson, Ben 3418
Anderson, Bruce 2237
Anderson, Craig 2105
Anderson, David 3219
Anderson, Dean 2402
Anderson, Kenneth 5151
Anderson, Pamela 3251

PARTICIPANT INDEX

Anderson, Paul 3551
Anderson, Peter 5107
Anderson, Ryan 2451
Anderson, Sharolyn 3211
Anderson, William 4323
Anderton, John 4544
Andrade, Renata 5141
Andreoli, Derik 1507
Andrew, Wilcox 5210
Andrucki, Max 2424
Angeloni, Jeff 2451
Annis, Gust 1503
Anselin, Luc 3417
Ansell, Nicola 2448
Aoyama, Yuko 3503, 4511
Apparicio, Philippe 4403
Appiah-Opoku, Seth 4206
Applegarth, Michael 2551
Arbogast, Alan 2433
Archer, J. Clark 4151
Arford, Martin 3423, 3523
Arima, Eugenio 2211, 2511
Armstrong, Meagan 4251
Armstrong, Richard 4437
Arnfield, A. 2202, 2402, 2502
Arsel, Murat 4314
Aryeetey-Attoh, Samuel 4312, 4548
Asheim, Bjorn 2231, 3148, 3248
Asher, Kiran 3419
Ashley, Walker 5131, 5231
Ashton, Philip 3427
Aspinall, Richard 3111, 4236
Atia, Mona 3601
Atkinson-Grosjean, Janet 2125
Atkinson-Palombo, Carol 1643, 3110
Atwood, Genevieve 3412
Auch, Roger 2251
Augustine, Andrew 4107
AvRuskin, Gillian 4516
Awwunudiogba, Augustine 4310
Awanyo, Louis 4125
Azar, Derek 4251
Azaryahu, Maoz 2146, 2510

B

Baas, Andreas 1538
Babcock-Lumish, Terry 4511
Baber, R. 3502
Bach, Andrew 5419
Backus, Vickie 4234
Bacon, Daniel 4544
Badurek, Christopher 5117
Baer, Annette 3637
Baer, Paul 4336
Baerwald, Thomas 2101, 2417, 2517
Bagchi-Sen, Sharmistha 2101, 2231, 3148, 3248, 3606
Bailey, Keiron 5136, 5512
Bailey, Robert 4524
Baker, Aaron 2551
Baker, Jay 4303
Baker, Kathleen 3125
Baker, William 3409
Bakker, Brian 1522
Bakker, Karen 2432, 5237
Baldrige, John 4244
Baldwin, Brian 4233
Baletti, Brenda 2104
Balling, Robert 3101
Balogun, Ahmed 2402
Balram, Shivanand 5512
Bampton, Matthew 1509, 3401
Ban, Hyowon 2106
Banerjee, Aniruddha 4531
Banasick, Shawn 4112
Banchuen, Tawan 2103
Band, Lawrence 3123, 3223
Bandyopadhyay, Jayanta 1548
Banister, Jeffrey 3245
Banos, Arnaud 4516
Bao, Shuming 5109
Baptista, Sandra 5541
Barcus, Holly 4245
Barkan, Joshua 5108
Barnes, Lindsey 5427
Barnes, Trevor 2131, 2210, 2401, 3519, 5532
Barnett, Clive 2210, 3116, 3639
Barney, Peter 2251
Baron, Jill 1527

PARTICIPANT INDEX

- Barradas, Victor 2502
Barranda, Anthony 5521
Barrett, Linda 5222
Barry, Roger 4237
Bartos, Ann 2423
Basdas, Begum 2124
Bass, William 3551
Bassett, Thomas 2441
Basu, Pratyusha 4102
Basu, Ranu 4108
Bathelt, Harald 1547, 2131
Bato, Victorino 2206
Battersby, Sarah 1616, 3233, 3433
Batterson, Christy 3251
Batzli, Sam 5251
Bauch, Nicholas 2406
Bauer, John 2520
Baxter, Jamie 5414
Baylina, Mireia 2248
Bayr, Klaus 5251
Beach, Timothy 3232, 3432, 3532, 3632, 4446
Beatty, Susan 2550
Beaty, 1543, 1643
Beaumont, Justin 3116, 3216
Beazley, Kim 4534
Beck, Richard 5232
Beckford, Clinton 4325
Bedford, Dan 1646, 2414
Bednarz, Robert 4101
Bednarz, Sarah 3618, 4101
Bednasek, Drew 5516
Beedell, Mike 2317
Beeton, Jared 2551
Begg, Robert 5246, 5446, 5546
Behr, Michelle 2446
Behrens, Denise 4251
Behrens, Doug 5251
Beilfuss, Meredith 5145
Beirich, Heidi 2110
Bekaert, Denis 4517
Bekker, Matthew 5102
Bell, David 3135
Bell, Heather 5227
Bell, Scott 3410
Bell, Thomas 3405
Bendix, Jacob 5102, 5402
Benedetti, Michael 3551
Benhart, John 2127, 2227, 2427, 2435
Benjamin, Patricia 1548
Bennett, Brandon 5416
Bennett, David 4332
Bennett, Drew 2551
Benson, Deanna 4435
Berardi, Gigi 4151
Berg, Lawrence 3538, 3607, 4139, 5418
Bergen, Kathleen 5206
Bergeron, Susan 2417, 5540
Bergmann, Luke 4232
Berkowitz, Daniel 2437
Berndt, Christian 1502, 1602
Berry, Catherine 1634
Berry, E. Helen 4144
Berry, Stacie-Ann 3543
Berta, Susan 4251
Besio, Kathryn 4139, 4438, 4538
Betsill, Michele 4336, 4436
Beyer, Patricia 3133
Beyers, William 2431, 3407
Beymer, Betsy 4302
Bhattarai, Keshav 4543
Bhowmick, Tanuka 5250
Bhuta, Arvind 5206
Bian, Ling 1635
Biddle, Matthew 3633
Biehler, Dawn 3225, 4102, 4202, 4302
Bigelow, Bruce 3623
Biggs, David 3410
Bigler, Christof 3408
Bigler, Wendy 2209, 2534, 3110, 3411
Biglin, Kevin 5505
Binnian, Emily 3422
Binnie, Jon 5118
Biondi, Franco 3208
Birdsall, Stephen 5515
Birge-Liberman, Phil 5225
Birkeland, Karl 2209, 4537
Birkeland, Peter 3346
Bishop, Michael 3105
Bitters, Barry 4121
Bitton, Michael 2407
Black, Jill 5251
Black, Kimberly 1523
Blackburn, Jason 2408
Blaikie, Piers 4330, 4430, 4530

PARTICIPANT INDEX

- Blain, Robert 1506
Blake, Amber 4223
Blake, Clare 4546
Blake, Kevin 2801, 4541
Blalock, Joseph 1633
Blanchard-Boehm, R. 1517
Blanken, Peter 4135
Blazevic, Antonio 4427
Blecha, Jennifer 1650, 2539
Blewett, Joanne 4151
Blinnikov, Mikhail 5146
Blissett, Shawn 3412
Block, Daniel 4545, 5124
Blomley, Nicholas 3404, 5108, 5437
Bloodworth, Gina 3134, 3234
Blumenfeld, Kenneth 2437
Blumler, Mark 4446, 5102
Blunt, Alison 5121
Bobrow-Strain, Aaron 2147, 3611
Bodaar, Annemarie 5425
Boddy, Martin 4309
Bodenhamer, David 5140
Bodenman, John 5151
Boeckler, Marc 3130
Boger, Rebecca 4512
Bohland, Jon 2110
Bohr, Gregory 4135
Boland, Alana 4546
Bolch, Tobias 3105
Bolin, Bob 5227
Bolton, Roger 5233
Bonds, Anne 4239
Bonifaz, Roberto 3251
Bonta, Mark 3434, 4105, 4205, 4547
Booher, M. 1624
Boone, Christopher 4119
Boonstra, Onno 5140
Booth, Jennifer 2407
Boquet, Yves 2527
Borden, Kevin 3120
Borges, Manoela 4247
Borner, Katy 2121, 2221
Boruff, Bryan 3120
Bosak, Keith 1632
Boschmann, Eric 3601
Bosco, Fernando 2517, 3539, 3604
Bose, Pablo 2519
Bossak, Brian 3444
Boswell, Thomas 3203, 3411, 4319
Botelho, David 5514
Botjer, George 5424
Boulton, M. A. Lisa 4110
Bourne, Larry 5245
Bowditch, Elise 3436
Bowen, Dawn 1610
Bowen, Mark 1512
Bowen, William 4444
Bower, Raymond 2251
Bowles, Erik 3516
Box, Jason 4437
Boyack, Kevin 2121
Boyer, John 3243, 4243
Boyer, Kate 4239, 4339
Boykoff, Jules 4318
Boyle, Paul 1540, 1640
Bozheva, Alexandra 4251
Brace, Catherine 5201
Bradley, Bethany 1536
Bradley, Lawrence 2222
Bradshaw, Ben 4307
Bradshaw, Michael 2546, 4341
Bradshaw, Roy 5540
Bradshaw, Shannon 2221
Brady, Emily 3650
Brandt, Richard 2451
Brannstrom, Christian 5141
Brazel, Anthony 5431
Breathnach, Proinnsias 3248, 4241
Breau, Sebastien 4207
Breitbach, Carrie 5438
Breitbart, Myrna 5439
Breneman, Vince 2201
Brenner, Neil 2731, 2831, 4408
Brettschneider, Alecia 4111
Brettschneider, Brian 2404
Brewer, Cindy 2133, 3307
Breymaier, James 4209
Brickhouse, Anna 4407
Bridge, Gavin 2210, 2432, 5137
Bridwell, Scott 4416, 4516
Briggs, John 3530, 3630
Briggs, Ronald 3502
Brinegar, Sarah 3117
Brinkmann, Robert 1512

PARTICIPANT INDEX

- Bristow, Gillian 4520
Brock, Vicki 2537
Brockway, David 1510
Brodeur, Brian 4317
Brodsky, Harold 3447, 3647
Brody, Alyson 3415
Brogden, Jessica 3251
Brommer, David 4303
Brook, Mary 2506, 3150
Browder, John 2111, 2511
Brower, Barbara 5107
Brown, Alex 2251
Brown, Brock 3411
Brown, Christopher 3443, 5216
Brown, Constance 2102, 2202
Brown, Daniel 1643
Brown, David 4440
Brown, Dennis 3620
Brown, Elizabeth 3449
Brown, J. Christopher 5141
Brown, Jeffrey 5231
Brown, Jerry 4237, 4337, 4437
Brown, Kyle 3251
Brown, Lawrence 3427
Brown, Michael 2524, 3424, 5522
Brown, Molly 4305
Brown, Nancy 3251
Brown, Peter 3141
Brown, Rob 3436
Brown-Hart, Alan 3124
Browne, Kath 2124, 2224, 2424, 2524, 3124, 3224
Brownlow, Alec 4546
Brumley, Seth 2435
Brunn, Stanley 4111, 4214
Brunsell, Nathaniel 2202
Brunskill, Jeff 5132
Bryan, Joseph 2138
Bryson, John 3407
Buchino, Judith 2549
Buckland, Michael 5240
Buckley, Aileen 3627
Buckley, Geoffrey 4401
Buckley, Patrick 2207
Budikova, Dagmar 4133
Buell, Cayla 3451
Buenemann, Michaela 2139
Bufon, Milan 5424
Buliung, Ronald 4248
Bulkeley, Harriet 4336, 4436, 4536
Bullock, Denise 3224
Bulman, Teresa 3443, 4143
Bulmanski, Jennifer 4334
Bunce, Susannah 3140
Bunch, Martin 5503
Bunkse, Edmunds 2516
Bunte, Kristin 5210
Burdette, Stacy 3551
Burger, Paul 2419
Burgess, Allison 2424
Burgess, Lacy Jo 3251
Burke, Erin 2451
Burkle, Kelly 2533
Burnett, Adam 2209, 4540
Burnett, Kari 1545
Burnicki, Amy 1617
Burns, Scott 5207
Burnum, Jessica 2537
Burt, James 2201
Burton, Hannah 5124
Bury, Jeffrey 2241
Buss, Sarah 3632
Butler, David 3636
Butler, Tim 4309, 4409, 4509
Butler, Toby 5239
Butt, Anya 4444
Buttenfield, Barbara 4532
Butterworth, Edwin 4343
Buttle, Martin 2225
Button, Charles 3633
Butz, David 2517, 5239
Butzer, Elisabeth 5204
Butzer, Karl 3432, 4446
Buzar, Stefan 3439, 4509
Buzzelli, Michael 4338
Byers, Alton 1632
Bynoe, Paulette 3205
Byrand, Karl 4101
Byrne, Jason 4546

PARTICIPANT INDEX

C

- Cacciaru, Angela 2220
Cadieux, Valentine 4246
Cahill, Caitlin 2548, 5439
Cairns, David 5402
Caldas, Marcellus 2111, 2211, 2511
Call, David 5435
Calzonetti, Frank 5224
Cameron, Nairne 4223, 5505
Cameron, Stephen 2251
Camille, Michael 5251
Campanella, Richard 5440
Campbell, James 5151
Campbell, Joshua 2239
Campbell, Lisa 4102
Campos, Ramiro 3643
Candade, Nivedita 1609
Cannon, Susan 5527
Cannon, Terry 3246, 4330
Cao, Ying 3210
Capobianco, Kristy 2251
Capoccia, Stella 4134
Caporali, Enrica 5527
Cappuccilli, Jean-Francois 3603
Caquard, Sebastien 3215
Caragliano, Simona 5527
Cardozo, Mario 2411
Carlarne, Cinnamon 3220
Carli, Francesca 2527
Carlson, Tom 4222
Carmalt, Jean 3439
Carmichael, Barbara 3243, 3631, 4243
Carr, Claudia 5249
Carr, David 4117
Carr, Ed 2241, 4146
Carr, John 2539
Carter, Barb'ra-Anne 1545
Carter, Catherine 3147
Carter, Eric 5541
Carter, James 3602
Carter, Norman 1505
Carter, Perry 3431
Carvalho, Rui 2121, 2504
Cary, Caverlee 5540
Casana, Jesse 3432
Casas, Irene 4123, 4348
Casellas, Antonia 1521
Casey, Diana 4301
Casey, Kathleen 3451
Casky, Doug 4243
Casolo, Jennifer 1631
Castaneda, Gabriela 4244
Castro, Marcia 4431
Cates, Barbara 2212
Cavasin, Nathalie 4112
Cerabregu, Muharem 1523
Cerney, Dawna 3636
Cerny, Astrid 2546
Cervený, Randall 2451
Chacko, Elizabeth 2537, 5250
Chakrabarti, Ranjana 2123
Chakraborty, Jayajit 5116
Chalana, Manish 3203
Challuri, Sainath 3451
Chambers, Charlie 3118
Chambers, Frederick 2433
Chan, Roger 3446, 3646
Chandler, Mark 4143
Chaney, Philip 1638
Chang, Chang-Yi 4447
Chang, Heejun 5216
Chantelle, Richmond 5403
Chapman, Graham 4212, 4321
Chapman, James 5249
Chapman, Keith 4241
Chapman, Thomas 2424, 5522
Charron, Mathieu 4523
Chastain, Bryan 1504
Chastain, Robert 2208
Chatterjee, Ipsita 3140
Chatterjee, Monalisa 1639
Chattopadhyay, Sutapa 2123
Chavez, Andrea 3233
Che, Deborah 3631, 4106, 5104, 5404
Chen, DongMei 5510
Chen, Fei 2202
Chen, Guo 4145
Chen, Hong 3451
Chen, Jian 2106
Chen, Ke 1516
Chen, Liding 4135
Chen, Ning 4225

PARTICIPANT INDEX

- Chen, Pin-Hsien 4411
Chen, Qi 2505
Chen, Robert 2414, 3531, 5545
Chen, Xianfeng 3548
Chen, Yi-Chia 4145
Chen, Zhaohua 2106
Cheng, Jianquan 5221
Cheng, Wendy 2238, 2438
Cheng, Zheng 2407
Cheong, So-Min 2432, 2532
Cheuk, Mang Lung 2235
Cheung, Ivan 2202
Chhetri, Netra 5122
Chiaviello, Anthony 3132
Chien, Shiuh-Shen 3246
Chiment, John 2250
Chin, Anne 5110, 5210, 5410
Ching, Chia-Ho 3546
Chinniah, Sivagurunathan 2139
Choi, Gwangyong 3237
Choi, Jinmu 5417
Choi, Jongnam 3516
Choi, Woonsup 2237
Choi, Y. Minie 5245
Chow, Edwin 3622
Christensen, Julia 4327
Christensen, Lindsey 3223
Christian, Charles 2547
Christianson, Laura 3551
Christie, Maria Elisa 5218
Christopherson, Robert 3221
Chu, Gregory 2417
Chua, Hearn Yuit 2506, 3450, 3539
Chun, Yang 3646
Chun, Yongwan 5248
Church, Richard 2530
Cidell, Julie 4149
Cieri, Marie 4108
Cioffi-Revilla, Claudio 4132
Cirno, Amethyst 2551
Claessens, Luc 3123
Clapp, Roger 4330, 4430, 4530, 5206
Clark, Allison 2109
Clark, Andrew 1524, 3224
Clark, Douglas 3622
Clark, Eric 4347, 4447
Clark, George 2414
Clark, Gordon 4211, 4411, 4511
Clark, Thomas 1627
Clark, William 2130
Clarke, Audrey 5151
Clarke, Nick 2125, 3639
Clayton, John 4316
Clayton, Jordan 2508
Cleaveland, Malcolm 3608
Clemens, Juergen 2133
Clemonds, Matthew 1624
Cloke, Jonathan 3230
Cloud, John 5405
Clough, Nathan 3241
Cobarrubias, Sebastian 4105
Cobb, Sharon 4511
Cochrane, Allan 4520
Cochrane, Michelle 5501
Coe, Neil 2131, 2231, 2431, 2531, 4441
Coen, Stephanie 4238
Coenen, Lars 3248
Coffin, Alisa 2251
Coggins, Chris 4227
Cohen, Darryl 5148
Cohen, Shaul 3222
Colby, Jeffrey 3551
Cole, Alexander 1647
Cole, Daniel 2222
Cole, Roy 2108
Coleman, Amanda 4316
Coleman, Jill 3616, 5203
Coleman, Mathew 5108
Coleman, Nikole 2549
Coles, Benjamin 4230
Coles, Pamela 3234
Colin, Belby 3551
Collas, Sara 3224
Collins, Jennifer 3507
Collins, Timothy 5427
Collyer, Michael 1549
Colten, Craig 3549, 3649, 4304, 4401, 5409
Comaroff, Joshua 5536
Combs, H. 3219
Compas, Eric 3440, 3540, 3640
Compitello, Malcolm 4519
Comrie, Andrew 3416, 3516, 3616
Comtois, Claude 5221
Conley, Heather 3416

PARTICIPANT INDEX

- Conner, Glen 5435
Conradson, David 5119, 5219
Constantinou, Stavros 3607, 4219, 4319
Conti, Patrick 5122
Conway, Tenley 1543
Conyers, Mindy 5110
Conzen, Michael 2416
Cook, David 2133
Cook, Nancy 4438
Coomansingh, Johnny 2246
Coombes, Brad 5204
Coomes, Oliver 2411
Cooper, Colin 2221
Cooper, Joshua K 5251
Cooper, Michael 2132
Cope, Meghan 2148, 2517
Cordova, Carlos 3432, 3532
Correia, David 3134, 5150
Corson, Mark 5147
Corva, Dominic 3202, 4205, 4308
Cosgrove, Denis 1501, 5205, 5407
Cossman, Ronald 1540, 1640
Costa, Frank 2227, 4212
Costello, Lauren 2548
Cote, Carmelle 4217
Couch, Dawn 4209
Coulibaly, Mamadou 4120
Coulter, Kimberly 2118
Courtenay, William 2118, 2218, 2418
Couvillion, Brady 5415
Cova, Tom 1531, 3541
Cowen, David 2419
Cowen, Deborah 3140, 3240
Cox, Jennifer 2135
Cox, Kevin 3116, 4141
Cox, Rosie 3415, 3515, 3639
Craddock, Susan 1550
Craghan, Michael 1638
Craine, James 4118, 4218, 4318, 4418, 4518
Cramer, Barton 3603
Crampsie, Arlene 3122
Crampton, Jeremy 2122, 4208
Crang, Philip 3625, 4533
Craumer, Peter 5146, 5246
Crawford, Priscilla 3251
Crawford, Thomas 1609, 5402
Cresswell, Tim 3525, 4415
Crew, Bruce 3447, 3647
Crewe, Louise 2431
Crews-Meyer, Kelley 3211
Crifasi, Robert 4234
Crimmins, Michael 4440
Crocia de Barros, Nilson 4244
Cromartie, John 2547, 3405, 3505, 3605
Croner, Charles 2145
Crooks, Valorie 4339
Cross, John 4307
Crossa, Veronica 4247
Crossley, Phil 4204
Crowell, Kelly 1603
Crowley, William 3443
Crutcher, Michael 3550
Csiki, Shane 5544
Culcasi, Karen 5424
Cullen, Bradley 4151
Cunha, Stephen 4225
Cunningham, Mary 1543, 3236
Curran, Joanna 5210
Curran, Mary 3624
Curran, Winifred 4149, 4439, 4539
Currid, Elizabeth 1507
Currit, Nate 3641
Curry, Michael 3131, 4131, 4315
Curti, Giorgio 3145
Curtis, Scott 5231
Cusack, Christopher 2227, 2427
Cutchin, Malcolm 2125, 2225, 5532
Cutter, Susan 2515, 3531, 3606, 4137
Cybriwsky, Roman 2516
Czajkowski, Kevin 2103, 4548
Czerniak, Robert 5505
- ## D
- D'Alessandro-Scarpari, Cristina 4131
D'Arcus, Bruce 5139
Dahlman, Carl 4314, 5447
Dahmann, Donald 5205, 5405
Dai, Dajun 2106
Dakan, Bill 5421
Dalrymple, Gillian 3520
Dalton, Jim 5247
Dana, Peter 1510
Danby, Ryan 3121

PARTICIPANT INDEX

- Dando, Christina 4218
Dando, William 3447, 3547, 3647
Dangermond, Jack 4217
Daniel, Mark 4238
Daniels, J. 3632
Daniels, Jane 2418
Daniels, Lori 3141, 3208, 3408, 3508, 4104
Daniels, Melinda 2534
Daniels, Peter 1539
Danielson, Jeffrey 3251
Danielson, Stentor 5414
Darden, Joe 2230, 4312
Darden, Matthew 2251
Darian, Laurie 4151
Dark, Shawna 3251
Darling, Eliza 1505
Das, Raju 4247
Dasgupta, Soma 2135
Davenport, John 5105
Davidson, Fiona 2215
Davidson, Joyce 1535
Davidson, Mark 4309
Davidson, Ronald 4151
Davis, Carrie 4133
Davis, Edward 2425
Davis, Jason 1614
Davis, Jeffrey 2538, 3150
Davis, Peter 3232
Davis, Phillip 3401
Davis, Robert 3137, 3237, 3437
Dawley, Stuart 4241
de Abreu, Joao 5212
Deadman, Peter 4332
Deal, Richard 4347
Dean, Denis 3215
Deaner, Larry 3623, 4419
Dearden, Brad 4204
Debarbieux, Bernard 5407
Debbage, Keith 3503, 3631
De Bres, Karen 4130
DeChano, Lisa 3411, 5509
De Cola, Lee 4425
Decker, Jody 2236
Decker, Paula 1546
Deeb, Elias 3533
Deems, Jeff 5207
DeHart, Jennifer 4445
Deichmann, Joel 2108
Deitrick, Stephanie 4251
Del Casino, Vincent 2524, 3604
Delang, Claudio 3250
Delgado, Elvin 4144
Dell'Agnese, Elena 5246
Della Dora, Veronica 5407
Delmelle, Eric 2139
Delmerico, Alan 5151
Deloria, Vine 2621
DeLyser, Dydia 3625
Demeritt, David 5223, 5437
Demetrakopoulos, Melissa 3233
Demitroff, Mark 3533
Demko, George 1645
Deng, Yongxin 1609
Denike, Kenneth 3522
Dennison, Philip 3541
Denny, Micheala 2423
Denton, Curtis 5403
Derrick, Matthew 5424
Derudder, Ben 4508
De Sousa, Christopher 3112
Devall, Margaret 3408
Dewsbury, John-David 1611
Dexter, Leland 2551
Dezzani, Raymond 5507
Dias, Karen 1550, 1650, 5119
Dibari, John 1543
Dibble, Catherine 2504
DiBiase, David 4404, 4504
Dickerson, Joe 5517
Dickey, Diana 2451
Dickey, Jeff 1603
Dickinson, Amie 2133
Diem, Jeremy 2451
Diener, Alexander 2236
Diggs, David 5151
Digialleonardo, Monica 3627
DiGiovanna, Sean 3206, 5201
Dillemath, Julie 3619
Dilling, Lisa 4336
Dillon, Jeremy 4130
Dilsaver, Lary 4401
Dimon, Joshua 5249
Ding, Guoxiang 1504
Dinges, Adam 4151

PARTICIPANT INDEX

Discazeaux, Carine 5144
Disrude, Devon 4251
Dittmer, Jason 5139
Diver, Kim 3644
Dixon, Barnali 2417
Dixon, Deborah 2401, 3135, 3235, 3434
Dixon, Megan 4519
Dixon, P. 5131, 5231
Dixon, Richard 5132
Djukpen, Richard 4405
Doan, Petra 4538
Dobbs, G. 2430, 5140, 5240, 5440, 5540
Dobbs, Mary 4109
Dobrowolski, Jessica 4251
Dobson, James 1508
Dobson, Jerome 4131
Dodson, Belinda 5219
Doe, William 5147
Doerner, James 2233
Domjan, Paul 3234
Donaldson, Fredric 2103
Doner, Nicholas 5435
Donnelly, Shanon 1625
Donovan, Anne 4130
Dooling, Sarah 4202
Doolittle, William 3632, 4446, 5130
Doran, David 5151
Dorn, Michael 4301, 5405
Dorsey, Bryan 4223
Doss, Erika 2510, 2801
Dougherty, Percy 3243, 3443, 4143, 4243
Doulet, Jean-François 2145
Dove, Michael 4430
Dow, Kirstin 2249
Dowd, Cathy 5445
Dowling, Robyn 5121
Dozier, Jeff 5431
Dragicevic, Suzana 4132, 5136, 5512
Drake, Chris 3447
Drayse, Mark 4207
Drennon, Christine 5225
Drever, Anita 2117, 3103
Drews, Patricia 3602, 4404
Drezner, Taly 4234
Driever, Steven 4233
Drummond, Corrie 2123
Drummond, Dorothy 1549, 3647

Drummond, Mark 4109
Drury, Stacy 3409
Drysdale, Alasdair 1549
Drzyzga, Scott 5445
DuBois, Michael 3233
Dudek, Kathleen 3448
Dudzik, Anne 1545
Duerr, Ruth 3221
Dull, Robert 3523, 4446, 5111, 5211
Dunn, Elizabeth 2214, 3106, 3504, 5514
Dunn, James 4138, 4238, 4338
Dunning, Nicholas 3232, 3432
Dupigny-Giroux, Lesley-Ann 2202
Dupuis, E. 3506, 4545
Duram, Leslie 2551, 4307
Durand, Kevin 5151
Dutt, Ashok 2127, 4212
Duvall, Chris 2441
Duyvendak, Jan Willem 4409
Dvorak, Thomas 2551
Dyer, James 3509
Dyer, Jamie 3420
Dyer, Sarah 5223
Dykes-Hoffmann, Judith 4301
Dymon, Ute 2119
Dyson, Jane 2248
Dzurilla, Timothy 3451

E

Earl, Richard 2437
Earnest, Samantha 4227
Eastman, J 1536
Eaton, Emily 5238
Ebinger, Samara 3527
Echanove Flavia 3143
Eddy, Priscilla 3551
Eden, Sally 5223
Edsall, Robert 4150, 4250, 4350, 4450
Edwards, Brandon 2407
Edwards, Kate 1515, 2217
Edwards, Tracy 5251
Eflin, James 2151
Egan, Stefanie 3544
Egbert, Stephen 4343
Egger, Meleia 2223
Eggleton, Matt 3510

PARTICIPANT INDEX

Egner, Heike 5515
Egresi, Istvan 4341
Ehrenfeucht, Renia 1505
Ehrkamp, Patricia 3601, 4439, 5119, 5418
Eisenhart, Karen 2208
Eisner, Wendy 2250, 3225
Eiter, Sebastian 3637
Elcock, Tracey 3543
Elden, Stuart 2136, 2731, 2831, 3419
Elder, Glen 2236, 4415
Elias, Marlene 2441
Elliott, Susan 4138, 4338
Ellis, Andrew 2137
Ellis, Jean 1538
Elmes, Gregory 4131
Elwood, Sarah 3131, 3231, 4208
Ely, Theresa 1649
Emch, Michael 2408
Emel, Jacqué 2210, 3218
Emerson, Charles 3648
Emerson, Lori 3517
Empinotti, Vanessa 5508
Engel, Matthew 4541
Engel-DiMauro, Salvatore 2538, 3239, 5150
Engelen, Ewald 4311
Engelmann, Mike 4423
England, Kim 4239, 4339
England, Marcia 2125, 3525
Engle, Fred 5147
Engstrom, James 1630
Engstrom, Ryan 2237
Engstrom, Wayne 4331
Enokido, Keisuke 4320
Ensor, Leslie 3537
Enyong, Baruo Besem 5509
Erickson, Kristofer 2539
Erickson, Rodney 2101
Erlien, Christine 2405, 2505, 3233, 3433, 5241
Ermann, Ulrich 4502
Escamilla, Veronica 5151
Essex, Jamey 4308, 5238, 5438, 5538
Essletzichler, Jurgen 4144
Estaville, Lawrence 3411, 3511, 3607, 4312, 4525
Ettlinger, Nancy 2231, 3130
Evans, Tom 4132, 4232, 4332, 4432
Eveleigh, Timothy 3120
Evered, Kyle 4314

Everitt, John 5151
Ewen, Tracy 3137
Ewers, Michael 1549
Eyles, John 4138
Eysenbach, Derek 5244

F

Fabrikant, Sara Irina 2221, 2536, 3619
Fadiman, Maria 3250
Fagin, Todd 3251
Fagre, Daniel 3536
Fahy, Frances 5222
Falah, Ghazi 4549, 5149
Falconer Al-Hindi, Karen 4139
Falit-Baiamonte, Anthony 5425
Fall, Juliet 2136
Fan, Cindy 5109, 5209, 5506
Fang, Hongliang 2120
Fannin, Maria 4339
Fanning, Patricia 3532
Faria, Caroline 5501
Farish, Matthew 2122, 3140, 4407, 4507
Fariss, Brandie 3451
Farmer, Rebecca 1639
Farrell, Michael 3223
Farrell, Pat 1615
Farritor, David 3112
Faulconbridge, James 1602
Faulkner, Douglas 3551
Faustini, John 4410
Fawcett, Leesa 3118
Feakins, Melanie 3546
Feddema, Johannes 3437
Feeney, Alison 5251
Feeney, Thomas 2551
Feggestad, Aaron 2551
Feick, Rob 5512
Feinhandler, Ian 2215
Felber, Patricia 1524
Félix E., Martín 3140
Folkner, John 2207
Feng, Chen-Chieh 2536
Fenske, Jessica 2551
Ferber, Michael 2520, 3147
Ferland, Yaïves 5547

PARTICIPANT INDEX

- Fermantez, Kali 4127
Ferranto, Shasta 2251
Ferrero-Paluzzi, Diane 5539
Fesler, Kristel 3551
Feuquay, Jay 2415
Fickert, Thomas 5207
Fielding, Russell 4447, 5214
Filbert, Katie 1605
Filippi, Anthony 4149
Fillebeck, Frank 1523
Finchum, Allen 4251
Finkelstein, Sarah A 5211
Finn, Mark 2551
Finn, Sean 4434
Finney, Carolyn 3406
Fitzpatrick, Charile 4512
Fitzpatrick, Patricia 5502
Fitzsimmons, Allan 4527
FitzSimmons, Margaret 1641, 2541, 4530, 5437
Flad, Harvey 1601
Fletcher, Ann 5244
Flint, Colin 4449, 4549, 5143
Fluri, Jennifer 3404, 4339
Flusty, Steven 2216, 4539, 5447
Flynn, Jack 4420
Flynn, William 3517
Fogarty, Emily 4103
Folker, Geoffrey 3448
Follert, Michael 3224
Fonseca, James 3204
Fonstad, Mark 4510
Foote, Kenneth 1514, 2101, 2510, 4304
Forer, Pip 5214
Forest, Benjamin 4114, 5536
Forn, Brian 3143, 4204
Fornander, David 4106
Forrest, James 2130
Forster, Richard 5232
Foster, Joshua 3451
Foulds, Abigail 5214
Foulkes, Matthew 3505
Fournier, Eric 2117
Fowler, Anthony 3108
Fowler, Chris 3117
Fox, Pamela 4221
Foy, Andrew 3622
Frakes, Neil 5444
France, Derek 4504
Francis, Rod 3112
Franklin, Beth 5503
Franks, Shannon 4251
Frappier, Amy 4203
Fraser, Elizabeth 5133
Fraser, James 3102
Frauenfeld, Oliver 3137, 3237, 3437
Frazar, Heather 5407
Frazier, John 3103
Frazier, Tim 5127
Freeland, Jennifer 4251
Freeman, Amy 3610
Freeman, Mei-Ling 1534
Freer, Katherine 5537
Frei, Allan 4437, 4537
Freidberg, Susanne 3611, 4545, 5238
Freidel, Dorothy 3632
French, Hugh 5531
Freytag, Tim 5125
Friedel, Robert 3251
Friedman, Jonathan 2550
Friesen, Beverly 3422
Fritschle Mason, Joy 2533
Frohlick, Susan 4428
Frohn, Robert 1609
Frost, David 4133
Fryman, James 4151
Fu, Zhaohui 2503
Fuellhart, Kurt 4233
Fuhrer, Bernhard 1516
Fuhrmann, Christopher 5231
Fulfroost, Brian 2108
Fuller, Charles 2425
Fulton, Kathryn 3406
Furlong, Kathryn 4225
Furuseth, Owen 3103
Futamura, Taro 2539
- ## G
- Gaffney, Chris 4419
Gagen, Elizabeth 1648, 2401
Gagen, Mary 2250, 4503
Gahegan, Mark 3231
Gainor, Michael 1645

PARTICIPANT INDEX

- Galgano, Francis 5147, 5247, 5547
Gallagher, Jacqueline 1512
Gallagher, Rory 3524
Gallagher, Susan 5509
Gallegos, Jorge Luis 3511
Gallo, John 4334
Galt, Ryan 4102, 4202
Gandy, Matthew 3249
Garcia Quijano, Maria 5422
García-Godos, Jemima 4547
Gard, Julienne 5549
Gardner, Benjamin 4125
Gardner, Steven 3433
Gardner, Todd 5148
Gares, Paul 1638
Garfin, Gregg 1646
Garo, Laurie 4333
Garrard, Christine 3648
Garrett, Steven 5124
Garrity, Colleen 3125
Gary, Robin 4443
Gatrell, Jay 2232, 4233
Gaubatz, Piper 3646
Gavinha, Jose 2112
Gayler, Hugh 3605
Gazulis, Nicholas 2535
Geddes, Alistair 5538
Gelan, Ayele Ulfata 3235
Gentry, Christopher 3141
Gentry, Glenn W 1601, 2506
Geores, Martha 4151
Gerhard, Ulrike 2434
Gerhardt, Hannes 2225
Gerike, Matthew 3104
Geringer, Jim 4417
Geronimi, Martine 3201, 4506
Gersmehl, Carol 4251
Gertler, Meric 1647
Gervais, Bruce 3251
Getz, Hilary 2550
Geverdt, Doug 3633
Ghimire, Kabita 5222
Ghose, Rina 1612, 5136
Ghosh, Debarchana 1640
Ghosh, Jayati 4212, 4405, 5406, 5506
Gibbs, David 4502
Giese, Eric 2246
Gilbert, Emily 3140, 3240
Gilbert, Melissa 3131
Gilbertz, Susan 5515
Gilewitch, Daniel 5247
Gillen, Jamie 5525
Gilliland, Jason 5240
Gilmartin, Mary 4139, 5118, 5218, 5418
Gilmore, Kevin 5549
Gilmore, Ruth 3406, 3538, 4507
Ginger, Clare 3103
Giordano, Mark 5516
Giraldo, Mario 3143
Girma, Hewan 1639
Giroir, Guillaume 4345
Glasmeyer, Amy 1607
Glass, Lori 5124
Glavac, Sonya 2149
Glazier, Richard 4238
Glennon, J. Alan 4448
Glisse, Benoit 4232
Gober, Patricia 3110
Godfrey, Brian 3136
Goetz, Andrew 1627, 2527
Gokariksel, Banu 4449
Golan, Arnon 2146
Goldblum, David 5445
Golledge, Reginald 3614
Goman, Michelle 3523, 4446
Gomes, Carlos Valério 2411
Gomez, Basil 3217
Gong, Gang 5144
Gong, Hongmian 3246, 4311
Gonzalez-Velez, Yamir 1625
Goodchild, Michael 3231, 4131, 4217
Goodin, Doug 3641
Goodman, Michael 3639, 4330
Goodwin, Mark 5201
Goodwin-White, Jamie 3203
Goonewardena, Kanishka 2731, 2831
Gordon, Ian 4311
Gordon, Jessica 1503
Gordon, Michael 3220
Gorman, Sean 5106
Gosar, Anton 4136, 4306, 5246
Goshit, Sunday 3536
Gosnell, Hannah 3540
Goss, Alison 2536

PARTICIPANT INDEX

- Gossette, Frank 4233
Goudge, Theodore 3520
Gough, Katherine 2248
Goward, Samuel 2415
Graefe, Olivier 4125
Graf, William 2515
Grafals, Rosana 3119
Graff, Thomas 4111
Graham, Mark 5106
Graham, Mary 2127, 4240
Grammenos, Dennis 2240
Gravel, Nathalie 5238
Graves, Russell 1532
Graves, William 5520
Gray, Angela 1639
Gray, Clark 5241
Gray, David 5244
Gray-Wood, Carrie 3431
Graybill, Jessica 2546, 3110
Greatbatch, Ian 4227
Green, Adam 3124
Green, Kyle 4151
Green, Lesley 4227
Green, Mark 1549
Green, Nathan 2149
Greenberg, Edward 3610
Greene, Richard 2412
Greenland, David 2102
Greenwood, MJ 2512
Greer, Charles 1625
Gregory, Derek 2114, 2238, 2438
Gregory, Ian 2430, 5140, 5240, 5440, 5540
Greig, Stuart 2534
Greiner, Alyson 4215
Griffey, Shirley 4151
Griffin, Amy 3416
Griffin, Duane 5202
Griffith, Andrew 4148
Griffith, Daniel 4531
Grifter, Kehben 3438
Grimes, John 3145
Grimmond, Sue 2402
Gripshover, Margaret 3520
Grissino-Mayer, Henri 3108, 3208, 4104
Gritzner, Janet 3622
Gritzner, Jeffrey 5249
Groat, Charles 2415
Groenendijk, Jan 5438
Groff, Elizabeth 1605
Groshong, Lorin 5517
Grossman, David 3436
Grossman, Lawrence 1606
Grossman, Zoltan 5204
Grote, Michael 4211, 4311, 4411
Grove, Kevin 2434
Grubestic, Tony 4233
Grueninger, Friederike 5207
Grundstein, Andrew 2451
Gruntfest, Eve 5527
Grunzweig, Michael 3547
Gu, Songgang 2407
Guelke, Jeanne 3247, 3447, 3547, 4139, 5409
Guentchev, Galina 4540
Guhl, Andres 4149
Guidugli, Odeibler 4244
Gumprecht, Blake 1610
Guneralp, Inci 4310
Guo, Diansheng 5120
Guptill, Stephen 4425
Guthey, Greig 3243
Guthman, Julie 1541, 2147, 2214, 3106, 4545, 5238
Guyatt, Victoria 4127
Gwanzura-Ottmoller, Fungisai 2448

H

- Haack, Barry 5510
Haas, Johanna 5137
Haase, Amy 2549
Hackworth, Jason 1637
Haddad, Brent 2532
Haddock, Gregory 3602
Hae, Laam 2240, 2519, 3241, 3441
Hafen, Mark 1524
Hagelman, Ron 5127
Hagen, Joshua 2418
Haggerty, Julia 3540
Haggerty, Mark 3540, 3640
Hague, Euan 2110, 4507
Hahn, Barbara 1608
Haisch, Tina 1507
Hakli, Jouni 2216
Hale-Hernandez, Adam 4251
Hall, Beth 5120

PARTICIPANT INDEX

- Hall, Sarah 1602, 2125, 2225, 4151
Hall, Shannon 3251
Hallett, Lucius 4230
Halls, Joanne 4231
Halpin, Janet 5444
Halseth, Deanna 2533
Halvorson, Sarah 5508
Hamada, Yuki 3448
Hamburger, Diana Sarita 4523
Hamerlinck, Jeffrey 1649, 5412
Hamilton, Julie 4543
Hamilton, Kristin 2451
Hamilton, Trina 3439, 3539, 4539
Hammel, Dan 4409
Hammer, Brian 4245
Han, Ju Hui Judy 3138
Han, Luoheng 2140
Han, Shengju 2551
Hanchette, Carol 4431, 4531
Hancock, Alan 3219
Handley, Lawrence 4331
Hankins, Katherine 3441, 5225
Hanlon, James 2145
Hannah, Joe 3220
Hannah, Matthew 3140, 4415
Hansen, Devon 4120
Hansen, Ellen 4346, 4404
Hansen, Kathy 2451
Hansen, Matthew 5222
Hanson, Brian 2451
Hanson, Kobena 4305
Hanson, Molly 3612
Hanson, Susan 2101, 2447
Harada, Yoshiki 5417
Harbor, Jonathan 5509
Harden, Carol 5207
Hardisty, Frank 4250
Hardwick, Susan 2416, 4201
Harper, Bruce 5251
Harper, Caro 2146
Harrington, James 3549, 3649
Harrington, John 3516
Harrington, Lisa 4109, 4307
Harris, Andrew 4409
Harris, Dan 2251
Harris, James 1616, 4301
Harris, Sarah 5222
Harris, Trevor 3510, 5136
Harrison, Blake 3624
Harrison, Jill 3506
Harrison, Paul 1611
Harrison, Suzanne 1649
Harrower, Mark 4150
Harshburger, Brian 3420
Hart, Evan 4410, 4510
Hart, John 1610
Hart, Justin 3251
Hartman, Jessica 2533
Hartmann, Rudi 3205, 4306, 4506, 5105
Hartshorn, Truman 3451
Hartwick, Elaine 3238
Hartz, Donna 2502
Harvey, Thomas 2516
Harwood, Joseph 5415
Hasbrouck, Jay 2247
Hasse, John 2149
Hassler, Markus 4233, 4402, 4502
Hathorn, Jennifer 4203
Haugland, Jake 2551
Hauselt, Peggy 3551
Hausermann, Heidi 3143
Hausladen, Gary 3550
Hawkins, Timothy 2209, 4437
Hawthorne, Timothy 1612
Hay, Rodrick 5133
Hayden, Mary 1635, 3616
Hayes, James 2233
Hayes, Michael 4238, 4338
Haynes, Kingsley 4323
Hays-Mitchell, Maureen 4346, 4547
He, Chansheng 5216
He, Shenjing 4116
He, Yu (Helena) 5539
Healey, Mick 1514, 4504
Healey, Ruth 4319, 4504
Healy, Stephen 5437
Hearn, Paul 4425
Heath, Jane 4251
Heaton, Jill 3510
Hebb, Tessa 4511
Hecht, Brent 3614
Hedquist, Brent 2502
Hedrick, Jeannie 3551
Hedstrom, Keldah 2536

PARTICIPANT INDEX

- Heffernan, Michael 2122, 2501, 3611, 5409
Heidkamp, Christian 4143, 4230
Heiman, Michael 3402, 5224
Heinrichs, John 3437
Heitmuller, Franklin 3551
Heivly, Doug 4515
Held, Colbert 4314
Heleniak, Timothy 5146
Heley, Jesse 3235
Helgeland, Catherine 4517
Hellström, Robert 4437
Helm, Christopher 2451
Helmer, Joel 5135
Hemmerling, Scott 4119
Hemphill, Jeffrey 2535
Henderson, Fiona 4506
Henderson, George 3106, 3238, 4235
Henderson, Gina 2237
Henderson, Jason 2115
Henderson, Keith 3437
Henderson, Mark 4345
Henderson, Steven 4520
Hendricks, Michael 4121
Henry, Christina 2437
Henry, Mary 3541
Heppen, John 3403
Herb, Guntram 2216, 2514, 5447
Herbert, Jonathan 5235
Herbert, Steve 2539, 3102, 3202
Herman, RDK 3124, 4127, 4227, 5204
Hernandez, Monique 1645
Herrick, Clare 2406
Herzberger, Michael 2251
Herzfeld, Ute Christina 4337
Hesp, Patrick 1538
Hess, Martin 3503, 3603, 4341, 5250
Hesse, Markus 3503, 3603
Hessl, Amy 5202, 5402
Hester, David 5533
Heyman, Rich 4139
Heynen, Nik 2410, 2510, 4308
Hibbert, Jennifer 1508
Hickey, Robert 4251
Hidek, Matthew 2119
Hiemstra, Nancy A. 3501, 3601
Higgins, Bryan 3204
Higgins, Harrison 4523
Higgins, Nicola 3515
Hildebrant, Barbara 2109
Hill, Miriam 1615
Himley, Matthew 4146
Hineline, Mark 4220
Hinkel, Kenneth 5431, 5531
Hinman, Sarah 5151
Hintz, John 3234
Hipwell, William 2245
Hirsch, Maya 2508
Hirschboeck, Katie 3551
Hitchens, Nathan 5131
Hitchings, Russell 3118, 3218, 3418
Hoagland, Bruce 3251
Hobgood, Jay 3120
Hobson, Gemma 4519
Hoch, Richard 2417
Hodgson, Michael 1531
Hoerschelmann, Kathrin 2148, 5546
Hoeschele, Wolfgang 3146
Hoffman, Lisa 3149
Hoftiezer, David 2433
Hogue, Jennifer 2251
Holcomb, Jason 3505
Holder, Curtis 4117, 4443
Holifield, Ryan 2501
Hollander, Gail 4545
Holloway, Lewis 3639, 5217
Holloway, Sarah 2148, 2248, 2448, 2548
Holly, Brian 3407
Holman, Justin 2206
Holston, James 1515
Holt, David 5123
Holt, Louise 2148, 2248, 2448, 2548, 4309
Holtz, Julie 2551
Holzer, Karen 3536
Holzman, Barbara 2533
Hommel, Demian 5503
Honey, Rex 3439, 4449
Hood, Eran 2451
Hook, Peter 2221
Hopkins, Noah 5549
Hopper, Susan 5206
Hordon, Robert 3551
Horn, Diane 1538, 1638, 2407, 2507, 4137, 4331
Horn, Sally 3423, 3523, 4446
Horner, Mark 2239, 4248, 4348

PARTICIPANT INDEX

Horwath, Jennifer 3533
Hoskins, Gareth 4315, 4415
Hostetter, Ellen 5521
Hostovsky, Chuck 5208
Houston, Donna 5208
Houston, Serin 1530
Howard, Teresa 3548
Howarth, David 2137
Howe, Nick 5108
Howell, Philip 3424, 3524
Hrelja, Robert 2501
Hsing, You-tien 2231
Hsu, Jinn-yuh 3446
Hu, Bangbo 4145
Hu, Shixiong (Shawn) 5210
Hu, Zhiyong 4532
Huang, Ruihong 4123
Huang, Shirlena 5119
Huang, Youqin 2130
Huang, Yuxia 5404
Hubbard, Philip 3524
Huber, Matthew 3218
Hudak, Andrew 4324
Hudson, John 1610, 4140
Hudson, Laura 4503
Hudson, Margaret 1530, 1630
Hudson, Paul 4210
Huebner, Donald 5401
Huffman, French 1617, 3233, 3433
Hugill, Peter 4111
Huigen, Marco 4332
Hultquist, Nancy 4115
Hume, Susan 3507, 3607
Hummel, Laurel 4322
Hummer, Mark 4544
Hung, Ming-chih 4251
Hunsinger, Teri 3433
Hunter, Mark 3149
Hunter, Sue 4536
Hunter, William 3104, 3247, 4134
Hupy, Christina 5211
Hupy, Joseph 5547
Hurd, John 3533
Hurley, Patrick 3640
Hurt, Douglas 4541
Hutchinson, J.M. Shawn 3617
Hutton, Thomas 1547, 3407

Huynh, Niem Tu 3215
Hwang, Sungsoon 4403
Hyde, Kevin 4124
Hyndman, Jennifer 1550, 3404, 4346, 4621

I

Iassenovski, Vladimir 5412
Ibáñez, Juana 2231, 3221
Ibrahim, Mohamed 1510
Ikeguchi, Akiko 5215
Iksic, Christine 2433
Ilavajhala, Shriram 4123
Ingram, Mrill 5223
Inoue, Manabu 4322
Inwood, Joshua 3138
Ioannides, Dimitri 3631, 4106, 5104
Ioffe, Gregory 2418
Irons, Christina 4151
Isaacs, Rachel 5111
Ivakhiv, Adrian 2218
Ives, Jack 4430, 5107
Iwan, Gregory 2404

J

Jaber, Salahuddin 3617
Jackiewicz, Edward 4118, 4233, 4318, 4418, 4518
Jackson, Keith 3533
Jackson, Paul 4246
Jackson, Sara 4219
Jacobs, Allyson 2449
Jacobs, Jane 5121
Jacobs, Jessica 3524
Jacobson, Justin 2207
Jacobson, Lynette 1523
Jacobson, R 3115
Jacquez, Geoffrey 1516
Jacquez, Nicholas 4317
Jagger, Thomas 4103
Jagtap, Shrikant 4505
James, Ford 5427
James, L 5410
Jamieson, Claire 4544
Jamieson, Duncan 3132
Jamieson, Kristin 2551

PARTICIPANT INDEX

- Janelle, Donald 3638, 4516
Janes, Cynthia 5151
Janiskee, Robert 4106, 5104
Janke, Jason 3648
Janschitz, Susanne 1535
Janssen, Terry 3210
Jansson, Dave 2110
Jantz, Claire 2434
Jantz, Patrick 2149
Jargowsky, Paul 1605
Jarosz, Lucy 3235, 4530, 5150
Jauhainen, Jussi 3201
Jazeel, Tariq 5217
Jeffrey, Alex 2217
Jeffrey, Craig 2217, 5125
Jehoel, Sandra 3115
Jemiolo, Jerzy 5144
Jennings, Joel 1634
Jensen, Kari 2148
Jensen, Ryan 4251
Jentsch, Caroline 1647
Jepson, Wendy 4149
Jerrett, Michael 4251
Jessop, Bob 2731, 2831
Jewitt, Sarah 2223
Jiang, Bin 2504
Jindrich, Jason 3117
Jiusto, Scott 3402, 3609
Joassart-Marcelli, Pascale 4248
Jocoy, Christy 2431, 4249
Joens, Heike 2401
Johansen, Harley 5246
Johansson, Ola 4318
John, Barbara 4444
John, Gareth 4249
Johnson, Ann 3502, 3602
Johnson, Corey 2215
Johnson, David 4531
Johnson, Donald 3512
Johnson, Douglas 4214, 5130, 5230
Johnson, Jay 2138
Johnson, Jennifer 3420
Johnson, Katherine 1627, 2107
Johnson, Kenneth 5449
Johnson, Lee 4143
Johnson, Robert 5221
Johnson, Tamara 3103
Johnson-Webb, Karen 4418
Johnston, Lynda 4538
Johnston, Ronald 3403, 3518, 4414
Johnston-Anumonwo, Ibipo 4405, 5116
Jokisch, Brad 2241, 2523
Jol, Harry 3612
Jonas, Andrew 1637, 4141, 5507
Jones, Alice 2108
Jones, Andrew 1502, 1602, 2531
Jones, Benjamin 3533
Jones, Bryan 1534
Jones, Greg 4143, 4243
Jones, Jason 5151
Jones, John Paul 1541, 2506, 3434, 3518
Jones, Mark 4404
Jones, Martin 1515, 3519
Jones, Phil 4520
Jones, Reece 2236
Jones, Richard 2230
Jones, Roy 4206
Jones, Terry-Ann 1537, 3511
Jordan, Lisa 2425
Joseph, Jr., Lawrence 5520
Joseph, Katherine 2133
Joseph, Miranda 4507
Joyce, Colleen 4222
Judkins, Gabriel 4344
Judy, Clark 2451
Jun, Byong-Woon 5212
Jung, Hyun-Joo 4544
Jung, Jinkyu 1633
Jung, Namji 2112
Jupp, Eleanor 5201
Jurjevich, Jason 1524
- ## K
- Kabachnik, Peter 4433
Kadman, Noga 5114
Kagawa, Akira 4503
Kaktins, Sylvia-Linda 5124
Kalafsky, Ronald 2117, 3148
Kaldjian, Paul 4449
Kalipeni, Ezekiel 4405, 5506
Kalkstein, Adam 3616
Kallio, Kirsipauliina 2548

PARTICIPANT INDEX

- Kalra, Rajrani 3446, 4212, 4406, 5101
Kamp, Ulrich 1548, 1632, 3105, 3536, 3636, 4537, 5107, 5207
Kanai, J Miguel 2215
Kanakoglou, Pavlos 5448
Kane, Douglas 5431
Kangas, Ryan 3125
Kaplan, David 3427, 4148
Kaplan, Samantha 5419
Kar, Bandana 5227
Karan, Pradyumna 2227, 4112, 4212, 5215
Karin, Tuxen 2140
Kaserman, Bonnie 2136, 2236, 2436, 3225
Katz, Cindi 1648, 2548, 4507
Katz, Gabrielle 2550
Kaufhold, Tammy 4517
Kay, David 3451
Kay, Rebecca 3504
Kayzar, Brenda 1630
Keables, Michael 2451
Kearney, Barbara 3440
Kearns, Gerry 3240
Kearns, Robin 4138, 4238
Keating, Philip 4324
Kebbede, Girma 3650
Keegan, Kristen 2430
Keeling, Arn 4202, 5409
Keen-Zebert, Amanda 3551
Keenan, Julia 2219
Keenan, Kevin 4311
Keese, James 5415
Keiffer, Artimus 2801, 3443, 4115, 4215
Keil, Roger 3216, 4408, 4546
Keim, Barry 2518
Keith, Michael 3249
Kelley, Paul 2222
Kelly, Jessica 4325
Kelly, Maggi 3641
Kelly, Peter 3543
Kelly, Sinead 3222
Kelmelis, John 2415
Kemble, Steve 1505
Kendra, James 2119
Kenichi, Nonaka 5215
Kennedy, Lisa 3251
Kennedy, Theresa 4512
Kenny, Judith 4508
Kent, Richie 3212
Kenten, Charlotte 4538
Keough, Sara 4115
Kernan, Jim 4104
Kerr, Robert 4518
Kerski, Joseph 3502, 4512
Kesby, Mike 1648, 3530, 5439
Kestens, Yan 4138
Ketchum, James 3550
Keys, Eric 3139, 3239
Keys-Mathews, Lisa 2251
Khe, Sriram 1511
Khosla, Punam 5137
Kiage, Lawrence 3523
Kidane-Mariam, Tadesse 5133
Kilpinen, Jon 3236
Kim, ChangHwan 3551
Kim, Changjoo 1617
Kim, Hwahwan 3215
Kim, Hyun 2132
Kim, Hyun Joong 5420
Kim, Hyungjoo 1636
Kim, Myung 4403
Kim, Sookjin 5438
Kim, Tae 3207
Kim, Yeong-Hyun 1502, 5250
Kim, Young-Sik 1516
Kincaid, Joni 3533
Kincaid, Joshua 5206
Kindig, David 2451
Kinson, Sara 2138, 2517, 5439
Kindsvater, Laura 2233
King, Brian 2141, 2241
King, Karen 4219
Kingsbury, Paul 2447, 3525
Kinman, Edward 3238
Kipfer, Stefan 2731, 2831
Kipfmueller, Kurt 2150, 2250, 2450
Kirchner, Peter 3208
Kirkham, W. Stuart 3239, 4347
Kirsch, Scott 2122, 2410
Kirshner, Joshua 1521
Kirtland, David 4425
Kitchin, Robert 4315, 5118, 5218, 5418, 5439
Kitson, Jen 1545
Klady, Rebecca 3121
Klein, Andrew 3533, 5232

PARTICIPANT INDEX

Kleinfeld, Margo 2436
Klene, Anna 5531
Klepeis, Peter 3136, 3234
Klinkenberg, Brian 4621
Klooster, Daniel 1641
Kloosterman, Robert 4408
Knabel, Sarah 3551
Knapp, Connie 4412
Knapp, Gregory 3139
Knauf, Meredith 3533
Knigge, LaDona 2406, 3110, 3410, 3510
Knopp, Lawrence 1550, 2524, 3524
Knowles, Anne 3236, 5440
Knowles, Richard 3638
Knox, James 5235
Knox, Margaret 3450, 3607
Knudsen, Daniel 5105
Knuth, Sarah 1646
Kobayashi, Audrey 3217, 5219
Koch, Andreas 1535
Koch, Thomas 2219
Kocis, Whitney 3251
Koeppe, Matthew 5141
Kofman, Eleanore 2217, 5418
Kohout, Michal 4235
Kokaly, Raymond 3448
Kokelj, Steven V. 3608
Kolden, Crystal 4524
Koletty, Stephen 3607, 4420
Kolivras, Korine 3616, 4249
Komlos, Linda 1635
Komoto, Cary 4101
Komwa, Maction 2235
Kong, Shu Piu William 4335
Koopman, Sara 1631
Kopko, Jennifer 5151
Kosek, Jake 3519
Kostelnick, John 5147
Koti, Francis 5236
Kouadio, Bertin 3551
Kraatz, Lindsey 2507
Kracker, Laura 4331
Kraly, Ellen 2446
Kraxberger, Brennan 3144
Krebs, Lorri 3631
Kreitzer, Debra 2251
Kronenfeld, Barry 4532

Kronholm, Kalle 1604
Kruger, Darrell 3623
Krupar, Shiloh 2238, 2438
Krygier, John 1612, 4412
Kuby, Michael 1603, 5224
Kucuker, Yenal 5449
Kuehl, Marcie 3225, 3451
Kuhlke, Olaf 3650
Kuhlken, Robert 3640
Kuhn, Richard 2134
Kulakowski, Dominik 4424
Kull, Christian 2441
Kulpi, Frederik 4535
Kulu, Hill 2446
Kumar, Mukesh 1615
Kung, Hsiang-Te 5216
Kunz, Ignacio 3114, 3214
Kupfer, John 4424, 4524, 5202
Kurtas, Kelly 2420
Kurtz, Hilda 2506, 3506
Kurtz, Matthew 3624
Kurtz, Rachel 5510
Kuus, Merje 5143
Kuzera, Kristopher 5416
Kwan, Mei-Po 1550, 3231, 3410, 3510, 3606,
4416, 4516
Kyriakidis, Phaedon 5248
Kytir, Sandra 2220

L

Labban, Mazen 4205
LaDochy, Steve 3537
Lafrenz, Martin 5110
Lage, Jessica 3440
Lake, Robert 3102, 4208, 4408, 5522
Lakkur, Badrinarayana 4316
Lakshmanan, T. R. 4423
Lam, Christine 4334
Lam, Nina 2415, 3606
Lam, Theodora 5421
Lambert, Thomas 3616
Lambourdiere, Eric 3603
Lanclos, Melissa 3627
Land, David 2125, 2225
Landis, Matthew 3508
Lane, Bradley 3522

PARTICIPANT INDEX

- Lane, Chad 5111
Lane, K. Maria 1501, 1601
Lanegran, David 2109, 3136, 3236
Laniga, Tammi 2435
Lanning, Shawn 4434
Lansing, David 3250
Lant, Christopher 1503
Lara, Francisco 4136
Laris, Paul 2247
Larner, Wendy 4550, 5137
Larsen, Eric 5122
Larsen, Laragh 3144
Larsen, Soren 2317, 2801, 4140, 4240, 4327
Larson, Anne 5441
Larson, Evan 3141
Larson, Kelli 2149
Larson, Paul 4204, 4301
Lash, Jeffrey 3451, 4304
Lash, R. Ryan 5403
Lassarre, Sylvain 5505
Latz, Gil 5250
Lave, Rebecca 5223
Lavigne, Jean 2105
Lavine, Mary 1503
Law, Kevin 4103
Law, Yuk-Ting Fion 2205
Lawrence, Jody 4102
Lawrence, Megan 4350
Lawrence, Patrick 4548
Lawrence, Vanessa 4514
Lawson, Victoria 2621, 3618, 4312, 4621
Le Billon, Philippe 2119
Le, Yanfen 3233
Lea, Jennifer 1611
Leaman, J 3244
Lear, Shannon 3433
Leathers, Daniel 2237, 2437
Lecce, Scott 4210
Ledermann, Samuel 5538
Ledwith, Valerie 2230
Lee, Angela 4412
Lee, Elizabeth 4315
Lee, Eungul 4107
Lee, Gunhak 4323
Lee, HuiEn 4223
Lee, Jae Yong 5245
Lee, Jae-Youl 5221
Lee, Jay 1604
Lee, Jee-Sun 4403
Lee, Jeff 4510
Lee, Jeong-Rock 5114
Lee, Jiyeong 1531
Lee, Jonghoon 2206
Lee, JungYoon 3603
Lee, Wook 4248
Lee, Yong-Sook 4441
Lees, Brian 4236
Legg, Stephen 3424, 3524
Legreid, Ann 5151
Lehmert, Kate 2549
Lehmkuhl, David 4436
Lehrer, Ute 2240
Leichenko, Robin 3227, 4119
Leigh, Nancey Green 3112
Leiker, Karl 2135
Lein, James 1508
Leitner, Helga 3518, 4550
Leitner, Michael 4150
Lemaire, Denyse 3243, 4243
Lemberg, Dave 4206
Lemcke, Mary 3533
LeMoine, Michael 4251
Lengerich, Eugene 3417
Lentile, Leigh 4424
Lenz, Ralph 3136
Leon, Blanca 3209
Lepawsky, Josh 5525
Lepofsky, Jonathan 3202, 3425, 4105, 4205, 4308, 5450
Leppman, Elizabeth 2520
Leslie, Deborah 1547, 1647
Leslie, Timothy 2212
Levia, Delphis 2232
Levine, Philippa 3424
Lew, Alan 2245, 3132, 5104
Lewis, Joseph 4527
Lewis, Robin 4302
Lewis, Sarah 4224
Lewkowicz, Antoni 5531
Lewthwaite, Gordon 3547, 3647
Leyshon, Michael 5201
L'Heureux, Michelle 3137
Li, Ann 4518
Li, Bin 2132

PARTICIPANT INDEX

- Li, Christina 2540
Li, Guiying 5212
Li, Li 1635
Li, Limei 4116
Li, Linhua 4123
Li, Mujiao 5520
Li, Rongxing 4121
Li, Shujuan 4122
Li, Songjie 5151
Li, Wei 2446, 2547, 3507, 4201, 4319, 5148
Li, Xiang 3619
Li, Xingong 4448
Li, Yingkui 1614
Li, Yingru 5520
Liang, Bingqing 1624
Liang, Shunlin 3617
Liang, Wei 4251
Liao, Ke 4250
Lidstone, Robert 2124
Liebens, Johan 3551
Light, Adam 4150
Lightfoot, Victoria 5251
Ligmann-Zielinska, Arika 4432
Lilomaiava-Doktor, Sailiemanu 4127
Lim, Jason 2224
Lim, Seow 5224
Limburg, Christopher 4220
Limerick, Patricia 2621
Lin, Ge 4217, 5151
Lin, George 2131, 4508
Lin, Jen-Miau 4235
Lin, Pei-Ling 5544
Lin, Shing 5248
Lin, Wen 1612
Lin, Wen-I 4509
Lindenbaum, John 4445
Lindquist, Peter 2551
Lindseth, Gard 4436
Lines, Lee 3221
Lininger, Betty 1545
Lioubimtseva, Elena 5501
Lippitt, Christopher 2405
Lipton, Jennifer 5107
Lite, Sharon 3251
Littell, Jeremy 3536
Little, Jani 5548
Little, Jo 2224
Little, Jonathon 3533
Littleton, Jeffry 3509
Liu, Chunling 5427
Liu, Desheng 2405
Liu, Edgar 3431
Liu, Jian 3233
Liu, Jian-Yi 4345
Liu, Junwei 5548
Liu, Kam-Biu 4103, 4203, 4303
Liu, Laura 3601
Liu, Weidong 2131, 4341
Liu, Zhi-Jun 3622
Liu, Zhilin 4345
Liverman, Diana 4536
Livezey, Robert 5535
Livo, Keith 3448
Llera, Francisco J. 4136
Lo, C 4145
Lo, Lucia 5116
Lobben, Amy 4150, 4250, 4350, 4450, 5151
Lockwood, Catherine 1616
Loeffler, Joerg 3637
Loftus, Alexander 2104
Logan, Ikubolajeh 1607, 3144
Logan, Shannon 3441
Logan, Spencer 4537
Lombardo, Keith 4424
Long, Colin 5211
Long, Emily 2551
Long, Esther 2218
Long, Joanna 2236
Long, Joshua 4230
Long, Patrick 3132
Long, Rob 3119
Longan, Michael 5539
Longhurst, Robyn 4438, 4538
Loo, Becky 3546
Lookingbill, Todd 3251
Loomer, Scott 4121, 4221
Lopez, Barry 1718
Lopez, Santiago 5549
Lord, Matthew 2135
Lorimer, Jamie 3118, 3218, 3418
Lott, Eric 4407
Louis, Renee 3450, 4127, 5117
Loveland, Thomas 2515
Low, Murray 3216, 4147

PARTICIPANT INDEX

- Lowe, Nichola 3248
Lowery, Nancy 2249
Loy, Sarah 1530
Loyd, Jenna 1631, 2538, 3138, 3538
Lu, Chang-Tien 2403
Lu, George 5248
Lu, Jia 5120
Lu, Jiantao 3146
Lu, Kang 1604
Lu, Max 1540, 1640
Lu, Yongmei 2206
Lucas, Susan 2317, 4140, 4240, 4340
Lucke, David 4123
Ludden, Thomas 1605
Ludlow, Francis 5435
Ludwig, Gail 2520
Ludwig, Noel 4524
Luebke, Michelle 5517
Luka, Nik 4246
Lukinbeal, Chris 4118, 4218, 4318, 4418, 4518
Lulka, David 3418
Luna, Ronald 1634
Luo, Jun 4216
Luo, Junyan 3257
Luo, Yu 4245
Lutz, Eric 5232
Luz, Nimrod 5149
Luzzadder-Beach, Sheryl 3232, 3432, 3632, 4446
Lyon, Elizabeth 1534
Lyons, Leslie 2451
Lyons, Michal 5236
Lyste, Kerry 4204, 4320
- ## M
- Ma, John 5209
Maantay, Juliana 4119
Mabazza, Daniel 1521
MacDonald, Glen 3108
Macey, Susan 5519
Macgill, James 3417
Mack, Taylor 3451
Mackay, 3123
MacKenzie, Julia 5502
Mackun, Paul 5148
MacLachlan, Ian 5401
Maclachlan, John 5112
MacPherson, Alan 1636
MacPherson, Deborah 2121
Madden, Marguerite 4221
Maddern, Joanne 4315, 4415
Madsen, Kenneth 3107, 5204
Mahaffey, Charles 3136
Mahmood, Rezaul 2137, 2237, 2437
Maingi, John 5236
Mains, Susan 3543, 5218
Majka, Kevin 4223
Majury, Niall 4411
Malam, Linda 5214
Malanson, George 5102, 5202, 5402
Malecki, Edward 1636
Malinowski, Jon 5547
Malizia, Nicholas 5123
Mallory, Anna 5445
Mamadouh, Virginie 2506, 5139
Mambo, Tatenda 5151
Mandel, Jennifer 4305
Mander, Sarah 4336
Mangieri, Tina 3244
Manion, Jill 2449
Manley, William 4337
Mann, David 3208
Mann, Geoff 3419, 3519
Manners, Rebecca 3532
Mannewitz, Steven 3451
Manning-Schwartz, Lynda 3433
Manos, Leah 3623
Mansfield, Becky 2214, 5137, 5237, 5437
Manson, Steven 3101, 4132, 4232, 4332, 4432
Manzi, Maya 4325
Maoh, Hanna 4222
Mapes, Jennifer 5450
Maples, Lauren Z. 4120
Marble, Duane 4217
Marcantonio, Richard 2233
Marcotullio, Peter 2235
Marcus, Alan 4525
Margai, Florence 4405, 5403
Mariolle, Elaine 4251
Marion, Bernadette 2115
Mark, Bryan 4337
Mark, David 3110, 3231, 4217, 5117
Markon, Carl 5533
Marks, Brian 3238, 3438

PARTICIPANT INDEX

- Markwith, Scott 4234
Marr, Paul 3451
Marsh, Meredith 3614
Marshall, Lisa 4435
Marston, Richard 2415, 2515, 3531, 3618, 4410
Marston, Sallie 5143
Martin, Deborah 2214, 3441
Martin, Derek 2103
Martin, Eugene 5117, 5212
Martin, Lauren 5549
Martin, Linda 4510
Martin, Nina 5450
Martin, Patricia 4147, 4247
Martin, Paul 3451
Martin, Stacey 2219
Martin, Timothy 3408
Martin, Walter 4222
Martinson, Tom 4333
Martis, Kenneth 3243
Marx, Colin 3430
Marzen, Luke 5251
Masilela, Calvin 4405
Masse, Jeffrey 5135
Massey, Aron 1521
Massman, William 2102
Mast, Joy 4424
Masucci, Michele 3131
Masuda, Jeff 5521
Matassa, Elizabeth 3436
Matejskova, Tatiana 3224
Mathenge, Christine 1625
Matheson, Flora 4338
Mathewson, Kent 4347, 5541
Matisziw, Timothy 4423
Matsui, Kenichi 3420
Matyas, Corene 4303
Mavroudi, Elizabeth 5218
May, Christine 5410
May, John 4343
Mayda, Chris 2232, 3549, 3649, 4115, 4215
Mayer, Jonathan 5203, 5501
Mazumdar, Soumya 4431
Mbobi, Emmanuel 5417
Mc Caffery, Conor 1539
McAfee, Kathleen 5538
McBryan, Jeannette 4423
McCabe, Gregory 2137, 2237
McCalmont, Melanie 5204
McCammion, John 1527
McCandless, Susannah 2541
McCann, Eugene 1637, 3102, 5425
McCarthy, James 2147, 5237, 5437
McCarthy, Linda 2531
McChesney, Ron 5120
McCloskey, Shane 3508
McCloskey, Terry 4103, 4203
McClung, Jeff 1508
McClung, Steve 1531
McClure, Robert 4517
McCluskey, Richard 1509
McConnell, Bill 2251
McConnell, James 4207
McCorkel, Charlotte 4405
McCormick, Maria 3451
McCourt, Matt 3135, 3202, 3625
McCray, Talia 5406
McCrea, Gwendolin 3230
McCusker, Brent 2141
McCusker, Megan 3551
McDermott, Jacquelyn L. 4233
McDonald, Darrel 3147
McDonald, Kenneth 3109
McDowall, Chris 3527
McDowell, Nate 4503
McDowell, Pat 5110
McDowell, Sara 3122
McEachern, Menzie 4416
McEvoy, David 3212
McEwan, Cheryl 3130, 3230, 3430
McFarlane, Colin 2217, 3530
McGinnis, David 4540
McGinty, Christopher 5415
McGreevy, Patrick 4214
McGregor, Andrew 2225
McGregor, Kent 4133
McHugh, Kevin 2209, 4118, 4501
McHugh, Maurice 1525
McKay, David 3427
McKay, Deirdre 5119, 5219
McKim, Wayne 5516
McKinnon, Katharine 3530
McLafferty, Sara 3417, 3606, 4108, 5116, 5248
McLees, Leslie 4220
McMahon, Cory 1624

PARTICIPANT INDEX

- McMahon, Gerard 2515
McMaster, Robert 5136
McMichael, Christine 3133
McMorran, Chris 4206
McMullan, Amanda 5212
McNair, Abbey 3104
McNally, Robert 2119
McNeil, Brenden 3509
McNeill, Gerald 4115
McPhee, Jenna 4540
McSherry, Lindsey 5537
McSweeney, Kendra 1601, 3239, 4305
Meacham, James 4350
Medler, Michael 4524
Medley, Kimberly 5202
Medlicott, Carol 5436, 5536
Meehan, Katharine 3134
Meek, Norman 4124
Meindl, Christopher 4401
Meitzen, Kimberly 3551
Meledge-Ade, Victor 2551
Mena, Carlos 5241
Mendez, Noemi 2212
Mendez, Pablo 2519
Mennis, Jeremy 1643
Mensah, Joseph 4207
Mensing, Scott 3423
Meola, Valerie 4303
Mercado, Ruben 5448
Merkin, Zina 3620
Merrett, Christopher 4140, 5238
Merrill, Heather 3107, 3425
Meserve, Peter 4140, 4240
Mesev, Victor 2440, 2540
Messina, Joseph 2211
Metcalf, Sara 1535
Metro-Roland, Michelle 5105
Mettle, Susan 3112
Metz, Josh 4143
Meyer, David 1602
Meyer-Arendt, Klaus 4137
Miao, Xin 2505
Michael, Patrick 4323
Michael, Paul 2251
Michalak, Wieslaw 2220
Michimi, Akihiko 1645
Michor, Daniel 2435
Middlekauff, Bryon 1616
Middleton, Richard 2239
Miele, Joshua 3115
Mihevic, Nicole 3251
Mikelbank, Brian 4333
Milbrandt, Anelia 5224
Millar, Susan 3533, 5531
Miller, Byron 2147, 2506, 3216
Miller, Dana 3208
Miller, Harvey 4416, 4516
Miller, James 2502
Miller, Jennifer 2233
Miller, Julie 3251
Miller, Ronald 3551
Miller, Wendy 5404
Milligan, Christine 2205
Millington, Andrew 5141, 5202
Millington, Steve 1547
Millones, Marco 5138
Mills, Amy 4214
Mills, Beth 1606
Mills, Suzanne 4327
Minckley, Thomas 2150
Mincyte, Diana 2501
Minghi, Julian 5424
Miron, John 3114, 3214
Mishra, Deepak 2140
Mitchell, Don 2410, 3538, 3615, 4407, 5150, 5522
Mitchell, James 2114, 3227, 4137, 5127
Mitchell, Jerry 5427
Mitchell, Katharyne 3514, 4550
Mitchell, Lisle 4106, 5104
Mitchell, Thomas 3120
Mitchem, Jamie 5127
Mitchneck, Beth 2101
Miyares, Ines 2706, 4312, 4525
Mizuoka, Fujio 4122
Mladinich, Carol 5533
Mock, Cary 2451
Moeckli, Jane 3439, 4218
Moellering, Harold 2503
Mohammed, Michael 1501
Mok, Diana 3214
Moley, Laura 1532
Moline, Norman 3136
Molla, Manuel 3114
Mollett, Sharlene 4534

PARTICIPANT INDEX

- Momsen, Janet 1606
Monfredo, William 5131
Monk, Janice 2101, 2416, 3507, 4149, 4249
Monmonier, Mark 3410
Monroe, Kristina 4146
Montz, Burrell 5227, 5527
Moodysson, Jerker 1636
Mookherjee, Debnath 2127, 2227, 2427, 4212
Moore, Adam 2218
Moore, Amanda 3109
Moore, Christopher 4319
Moore, Sarah 3515, 5208
Moore, Susan 3441
Mora, Claudia 4203
Moran Taylor, Michelle 2241
Moran, Dominique 2220
Moran, Sharon 2204
Morehouse, Barbara 5223
Moreno, Christopher 2410
Moreno, Rafael 2132
Morgan, John 2551
Morin, Karen 3136, 4407, 5205
Moritz, Max 3641
Morley, David 5422
Morrill, Richard 1534, 3638
Morrisey, Dr. John 5247
Mosedale, Jan 3631, 5404
Moseley, Sarah 4244
Moseley, William 1607, 2247, 3136, 3236, 4114
Moser, Katrina 2150, 5402
Moser, Susanne 4137, 4336, 4436, 4536
Mosher, Anne 3104, 5409
Moskal, L. Monika 1503, 1603, 2103, 2203, 3448
Mosley-Thompson, Ellen 4237
Moss, Pamela 4139, 4415, 4538
Mostern, Ruth 5240, 5540
Moulin, Bertrand 3608
Mountz, Alison 1650, 4439, 5143, 5243
Mrak, Irena 5107
Mu, Lan 2139, 3617
Muchoney, Douglas 5123
Mudu, Pierpaolo 2130, 4105
Mueller, Daniel 2439
Mueller, Mark 3251
Mukherjee, Sanjukta 3148
Mulac, Brenda 5535
Muldavin, Joshua 4330, 4430, 4530
Mulder, Alice 4134
Mulherin, Stephen 2412
Muller, Brian 4432
Muller, Edward 2416
Muller, Luke 4543
Muller, Martin 3430
Muller, Tiffany 1650, 2124, 2224, 2424, 2524, 3124, 3224, 3225
Mulligan, Adrian 2424
Mullings, Beverley 5143
Mulvaney, Dustin 3506
Munroe, Darla 2439
Muranaka, Akio 5401
Murphy, Alexander 2114, 3618, 3734, 4114, 4414
Murphy, Andrew 4402, 4502
Murphy, Enda 4523
Murphy, James 2131, 3146
Murphy, Lisa 2419
Murphy, Sheila 1527
Murr, Christopher 1517
Murray, Alan 1504, 2530
Murray, Martin 3249
Murray, Robert 5220
Murton, Brian 2138, 3450, 4127, 4227
Mustafa, Daanish 5130, 5230
Mustoe, Marian 4418
Mutersbaugh, Tad 1641
Muthukrishnan, Suresh 1509, 3551
Myers, Garth 3249, 5208
Myers, Michael 4251
Myint, Soe 2440
- ## N
- Nagle, Brandi 4436
Najjar, Yaser 5149
Najlis, Robert 4132
Nakamura, Naohiro 4320
Nakamura, Nobutaka 5220
Namikas, Steven 1538, 1638
Nanus, Leora 3133
Napieralski, Jacob 1617
Napton, Darrell 4109
Naqvi, Kim 5420
Narayanareddy, Rajyashree 4321
Nash, Catherine 3124, 3247, 5217

PARTICIPANT INDEX

Nashleanas, Katherine 3203
Nast, Heidi 3425, 5237
Neault, Guillaume 4116
Neff, John 4220
Neff, Robert 3139
Neill, Holly 1503, 1603, 2103, 2203
Nellis, M. Duane 2101
Nelson, Frederick 4237, 4337, 4437, 4537,
5431, 5531
Nelson, Lise 3501, 3601
Nelson, Mark 2551
Nelson, Peter 2117, 3405, 3505, 3605
Nelson, Velvet 1523
Nepal, Sanjay 3205
Neuenschwander, Amy 3548
Neuer, Birgit 3449
Neumann, Rod 4430
Nevins, Joseph 3107, 3207
Newbold, Bruce 2512, 5448, 5548
Newell, Josh 2546
Newman, David 4114, 4314, 4414, 5436
Newman, Kathe 1637, 3102
Newstead, Clare 3130
Ng, Evelyn 1643
Ng, Raye 5122
Nicholls, Walter 3116, 3216
Nickl, Elsa 5535
Nickolotsky, Aaron 5110
Nicol, Heather 4240, 4340
Niedt, Chris 1631, 3138
Nightingale, Andrea 4302
Nijman, Jan 4212, 4408, 4508
Nine Birk, Cara 2225
Nishimura, Yuichiro 5215
Nishizawa, Shizuo 3412, 3612
Nitsu, Rieko 3435
Njeru, Jeremia 2104
Noble, Allen 2227, 2801, 4212
Nolan, Thomas 5440
Nolin, Anne 4537
Nolin, Catherine 3107
Noor, Amatun 5414
Nordberg, Viva 5405
Norgaard, Richard 2432, 2532
Norland, Ingrid Thorsen 4536
Norman, Amy 3433
Norman, Emma 2136, 2236, 2436

Notteboom, Theo 3503
Nucci, Alfred 3505
Nuesser, Marcus 1632
Nyerges, Timothy 2536, 5136, 5512

O

Oakley, Taryn 4427
Oberhauser, Ann 2447, 3130
Oberle, Alex 2209, 4344
O'Brien, William 5214
O'Byrne, John 3148
Occena-Gutierrez, Darlene 3644
O'Connell, Stephen 5251
O'Connor, Anne 5545
Oddie, Richard 3234
Odland, John 1604
Ofori-Amoah, Benjamin 3220
Ogborn, Miles 3424
Oglesby, Elizabeth 5441
Oh, Gunwha 3522
Ohdedar, Chandrani 1539
Ó HUallacháin, Breandán 2117, 3101, 5220
O'Kelly, Morton 4248
Olaniyan, Olamide 3244
O'Leary, Shannon 2514, 3609, 5522
Oliver, Lisa 2548
O'Loughlin, John 2514, 3610
Olsen, Daniel 5404
Olshammar, Gabriella 5449
Olson, Judy 4350
Oluic, Steven 2218, 2514, 5447
Olund, Eric 4205
Omariba, Walter 5236
O'Neal, Kelley 3251
O'Neill, Phillip 1502, 4211
Ono, Eisuke 5215
Onsted, Jeff 2412
Oosterlynck, Stijn 4433
Oppong, Joseph 5203, 5403
O'Reilly, Kathleen 3419, 3625, 5508
Orenstein, Daniel 1536
Ortiz, Rafael 3241
Orvis, Ken 3523
Orzeck, Reecia 4449, 4549, 5139
Osbaahr, Henny 4536
Osei, William 2151, 3402

PARTICIPANT INDEX

Oshiro, Kenji 5514
Osleeb, Jeffrey 2530
Osmanoglu, Muhammet 4322
Ostresh, Lawrence 5417
Oswald, Wyatt 2450
Oswin, Natalie 5143, 5243
Othitis, Michael 4251
Otiso, Kefa 5236
Oughton, Elizabeth 4402
Ould-Mey, Mohameden 5149
Outtes, Joel 3127
Overmars, Koen 4332
Owen, Amy 2449
Owen, Bronwyn 2208
Owen, Tim 5535
Owens, Tom 1527
Owusu, Francis 4305
Owusu, J. 3219
Owusu, Kwadwo 4505
Oyana, Tonny 5414
Oza, Rupal 2436
Ozawa, Terutomo 4241
Ozdenerol, Esra 5414

P

Paasi, Anssi 1515, 4433
Page, Brian 1627, 3106, 3611
Page, Justin 2404
Paglen, Trevor 2238, 2438, 4507
Pain, Rachel 2517, 5439
Painter, Joe 2731, 2831, 5243
Painter, Thomas 3420
Pal, Anirban 3449
Palecki, Michael 2137
Palis, Joseph 4118
Palka, Eugene 5447
Palko, Stefan 3614
Palm, Risa 2101
Palmer, Leon 3125
Palmer, Mark 5117
Palmer-Moloney, L. Jean 3444
Paluzzi, Michael 3620
Pan, Qisheng 3522
Pandit, Kavita 3604
Pannell, Clifton 2227, 3246
Papadopoulos, Alex 4343

Papadopoulos, David 3515
Parcher, Jean 4425
Parekh, Trushna 2146
Park, Bae-Gyoon 4141
Park, Jungjae 5111
Park, Kyonghwan 5525
Park, Siyoung 4435
Parker, Albert 5402
Parker, Brenda 2214, 5406
Parker, Dawn 4132, 4232, 4332, 4432
Parker, Gavin 4402
Parker, Kathy 3251
Parker, Paul 4436
Parr, David 3451
Parr, Hester 3425, 5217
Parsley, Donald 2251
Parsons, Cynthia 4151
Parsons, Jay 2203
Parsons, Mark 2414, 4237
Pasqualetti, Mike 2151, 3402
Patel, Reena 4239
Patel, Shankari 3147
Patrick, Kevin 3435
Patrickson, Shela 2433
Patterson, Mark 5412
Patzewitsch, Wendy 4535
Pau, Stephanie 4234
Paul, Bimal 2227, 2537, 3531, 5506
Paul, Ell 2430, 5140, 5240, 5440, 5540
Paulson, Deborah 4109
Pavelsky, Tamlin 3533
Pavlakovich-Kochi, Vera 4136
Pavlinek, Petr 4341, 5446
Pavlovic, Zok 3243
Pavlovskaya, Marianna 2447, 3504, 4208, 4439, 5446
Pavlovsky, Robert 2508, 4310
Pavri, Firooza 4404, 5135
Pawiki, L. HoMana 5117
Pearce, Jamie 4320
Pearson, Brooks 2527
Pease, Michael 2249
Pease, Patrick 5251
Peck, Jamie 4550
Pederson, Gregory 3536
Pederson, Neil 2250
Peet, Richard 4330

PARTICIPANT INDEX

- Peetersoo, Joel 5449
Pendras, Jerome 3206
Penfold, Robert 5501
Pennington, Deana 2503
Peralvo, Manuel 3209
Perkins, Harold 2104
Perramond, Eric 3139, 3239, 3506, 5230
Perrault-Archambault, Mathilde 5537
Perreault, Thomas 2147, 4247, 5441
Perry, Marc 5148
Peters, Paul 2130, 2230
Petersen, James 3412, 3512, 3612
Peterson, Anita 3147
Peterson, Michael 4450
Peterson, Rorik 2451
Petrov, Andrey 2120
Petto, Christine 5516
Peuquet, Donna 3527, 3606
Pfeffer, Michelle D 3251
Pfister, Robert 3205
Phelps, Nicholas 4141, 4241, 4341, 4441
Phenix, Deinya 5225
Phillips, Deborah 5418
Phillips, Jessica 2437
Phillips, Martin 3235, 3415, 4509
Phillips, Richard 3424, 4438
Philo, Chris 5539
Phoenix, Michael 4404
Picazo, Mario 1525
Pieck, Sonja 4147
Pierce, Jennifer 4224
Pikner, Tarmo 4136
Pile, Steve 3149
Pillay, Udesch 5133
Pilling, Meredith 2224
Pincetl, Stephanie 3216
Pinder, David 3650
Pine, Adam 2519
Pires, E. Mark 2249
Piromsopa, Krerk 4540
Pisaric, Michael 3608
Pitts, Lisa 3502
Plane, David 3505
Platt, Rutherford 3541
Plewa, Tara 3251
Plummer, Paul 5532
Podewell, Stephen 1525
Poetz, Anneliese 4338
Polderman, Annemarie 3504
Pollard, Jane 3130, 3230, 3430
Polsky, Colin 1546
Poltrone, Rosann 3549, 3649, 4204
Pomara, Lars 3209
Pomerleau, Daniel 4245
Pomeroy, George 2127, 2227, 2427, 4212, 4406, 5101
Pomeroy, Jennifer 2127, 5406
Ponds, Phadrea 2420
Ponniah, Thomas 4308
Poon, Jessie 4441
Poore, Barbara 4108
Pope, Cynthia 3504, 5203
Pope, Gregory 3346, 4124, 4224
Pope, Naomi 4218
Popescu, Gabriel 4136
Popke, Jeff 2125, 2523, 4105
Porinchu, David 5211
Porter, Jess 5145
Porter, Michael 2235
Post, Chris 3436
Postigo, Julio 5537
Potoglou, Dimitris 5448
Potter, Simon 2425
Potthoff, Kerstin 3637
Pouliou, Theodora 2219
Poulsen, Michael 2230
Powell, Rebecca 2440
Powell, Richard 2401, 3240, 5409
Powell, Sonya 3408, 3508
Power, Dominic 1647
Prager, Steve 2151
Pratt, Andy 1547
Pratt, Geraldine 1550, 3615, 5121, 5439
Pred, Allan 2238, 2438
Prendiville, Garry 3122
Presiado, Rhea 4434
Preston, Valerie 5118
Price, Kevin 3211
Price, Marie 3618
Price, Susan 4450
Prishchepov, Alexander 4510
Proctor, Jim 2520
Prokhorova, Evgenia 1506
Propen, Amy 1601

PARTICIPANT INDEX

Prorok, Carol 1501
Protevi, John 3434, 3518
Prout, Erik 2118
Provenza, Victoria 1511
Prudham, Scott 2147, 2432, 5137, 5237
Prytherch, David 5520
Psuty, Norbert 3512
Pu, Ruiliang 3111
Pudup, Mary Beth 2541, 3106
Puhalla, Janet 1511
Pullen, Nancy 3109
Pulsipher, Lydia 1606, 4114, 4304
Purcell, Darren 4518
Pusich, Scott 1608
Pykett, Jessica 5125
Pyne, Stephen 4527

Q

Qazi, Joan 4402
Qi, Feng 3627
Qianhong, Tang 4343
Qiu, Fang 2540
Qiu, Xiaomin 5251
Quattrochi, Dale 2540
Quimby, Patricia 2251
Quinnell, Sarah-Louise 5223
Quiquivix, Linda 2116, 4117
Quiring, Steven 4107

R

Raber, George 3211, 3548, 3648
Racette, Julien 5509
Raco, Mike 4520
Radcliffe, Sarah 1648, 2621
Radel, Claudia 4146
Radhakrishna, Ratna 4534
Radke, John 5502
Raento, Pauliina 2216
Raghuram, Parvati 4239
Rahim, Mustafa 2549
Rahman, Muhammad 5427
Rahn, Jennifer 4331
Rain, David 5420
Rainey, Steven 4325

Raitz, Karl 1610
Raju, Saraswati 4239
Raleigh, Kevin 2425
Ramasubramanian, Laxmi 1612
Rämgård, Margareta 2205
Ramirez, Ivan 2451
Ramsey, Kevin 3410
Ramspott, Matthew 3111
Randalls, Samuel 5132
Rangan, Haripriya 1541, 2447
Rankin, Kieran 3122
Rantisi, Norma 1547, 1647
Rao, Madhusudana 5151
Rao, Mahesh 3551
Raphael, Marilyn 3606, 4337
Rapino, Melanie 2423
Rashed, Tarek 1531
Rashid, Harun 4120
Rasor, Noel 3149
Ratcliffe, Michael 1534
Ratter, Beate M.W. 4447
Rauchfuss, Julia 4104
Rausch, Lisa 4230
Rauscher, Sara 5535
Rautio, Vesa 1506
Ravuri, Evelyn 1634
Rawat, Rajiv 5503
Rawlings, Lesli 5225
Ray, Andrea 1546, 1646
Ray, Derek 2534
Ray, Lily 2123
Ray, Waverly 2409
Rayback, Shelly 4503
Raymer, James 5548
Razin, Eran 2145
Read, Jane 3111
Read, Mark 2137
Reardon, Blase 3636
Reddish, Marcus 5444
Reddy, Maharaj 3643
Reddy, Sumanth 2537
Reddy, Sunita 5130
Redlin, Meredith 4307
Redo, Daniel 2251
Reed, Cyrus 2204
Rees, Amanda 3132
Reese, Carl 3423

PARTICIPANT INDEX

- Reeves, Jane 2248
Reff, Daniel 1501
Regis, Helen 3425, 3525, 3625
Reid, Kereen 2223
Reid, Neil 4141
Reid-Henry, Simon 2401, 2501
Reidy, Liam 2550
Reisinger, Mark 4525
Reitsma, Femke 5416
Reker, Ryan 4109
Ren, Fang 4348
Renard, Marie-Christie 1641
Renschler, Chris 4124
Rense, William 2127, 4135
Renwick, William 3551, 4410, 4510
Resler, Lynn 4249
Revels, Craig 2551
Rhee, Nari 1631
Rhodes, Dallas 3549, 3649
Ribot, Jesse 2247, 5441
Rice, Jeanette 4317
Rice, Jennifer 2204
Rice-Jones, Judith 3550
Richards, Penny 3247
Richardson, Bonham 1606
Richardson, Douglas 1718, 2415, 3734, 4349, 4417, 4514
Richardson, Miles 3525
Richardson, Pamela 4302
Richter, Christine 3451
Rickerson, Wilson 3609
Ricondo, Roger 3623
Riely, Andrew 3605
Rietman, Holly 2249
Rigg, Lesley 3209
Riley, James 4210
Riley, Michael 5233
Rinehart, Ron 1509, 4231
Ripmeester, Michael 4327
Ritter, Michael 4404
Ritterbeck, J 3643
Rivera, John-Michael 4507
Rivera, Julio 1509, 3204
Roa, Jose 3105
Robbins, Paul 1541, 2141, 2523, 3139, 3540, 4530
Roberge, Martin 4410
Roberson, George 2245
Roberts, Dar 4324
Roberts, Jed 2451
Roberts, Susan 3143, 3604, 4411
Roberts, Tyler 5221
Robertson, David 1514
Robertson, Gordon 2208
Robertson, Helen 2406
Robertson, Morgan 5237
Robeson, Scott 3437, 3537
Robinson, Anthony 4450
Robinson, Cathy 3150
Robinson, Derek 2212
Robinson, Jennifer 3149, 3249, 3430, 3630
Robinson, Sarah 3251
Rocheleau, Dianne 2214, 2541, 4430, 4534, 5230
Roden, John 4503
Rodgers, John 3644
Rodgers, Scott 4218
Rodrigue, Christine 4524
Rodrigue, Jean-Paul 3503, 3603, 3638
Rodriguez, Philip 2509
Roe, Emma 1611, 3218
Roet, Jeffrey 4304
Roff, Robin Jane 2406
Rogalsky, Jennifer 5251
Rogan, John 3101, 4324
Rogers, Bethany 4445
Rogers, Ethan 3245
Rogers, Jefferson 3549, 3649
Rogers, Jeffrey 3237
Rogerson, Robert 3549, 3649
Rohli, Robert 3617
Romens-Woerpel, Theresa 3439, 3539
Romig, Kevin 4445, 4501
Roncoli, Carla 4505
Roper, Scott 3620, 4419
Rosati, Clayton 2410, 5522
Rose, Adam 2532
Rose, Leanna 2402
Rose, Robert 3648
Rose-Redwood, Reuben 4235
Roseman, Curtis 2547
Rosenberg, Mark 5203, 5502
Rosenberg, Stacy 3440
Ross, Gregory 4450
Ross, Katherine 3251
Ross, Nancy 3117, 4138

PARTICIPANT INDEX

- Ross, Robert 4419
Rößler, Ole 3637
Rost, Jude 2118, 2218, 2418
Roth, Robin 2141, 4539
Rothenberg, Tamar 4318, 5205
Rouhani, Farhang 2124, 4449
Round, John 3504
Rouse, L Jesse 2417, 2551
Routledge, Paul 3116, 3404
Rover, Jennifer 2449
Rowe, Rebecca 5123
Rowe, Tim 3650
Rowell, Jonathan 3115
Rowley, Rex 1531
Roy Chowdhury, Rinku 1536, 3139
Roy, Ananya 3514
Roy, Michelle 3233
Roy, Parama 2104
Roy, Shouraseni Sen 3537
Royall, Dan 3133
Rozek, Stephanie 2251
Rubin, Jasper 4317
Rubinoff, Donna 4339
Rudaz, Gilles 5407
Ruddick, Susan 1648, 4105
Ruddy, Lydia 2246
Ruiz, Marilyn 2408
Rulle, Monika 4306
Rumney, Thomas 4140, 4240
Rushbrook, Dereka 4344
Rushton, Gerard 3417, 5203
Russell, Jim 2107
Russell, Robert 4318
Rutherford, David 5103
Rutherford, Tod 1516
Ruvane, Mary 2430, 3247, 5140, 5240, 5440, 5540
Ryan, Barbara 2515, 4514
Ryder, Andrew 3646
Ryu, Yeon-Taek 4403
- S**
- Saad, Ahmed 4333
Sabhlok, Anu 4346
Sabra, Samah 4139, 5239
Sack, Dorothy 3412, 3512, 3612
Sadahiro, Yukio 4532
Saff, Grant 3212
Saffell, Erinanne 4440
Sage, Daniel 2436
Sahsuvaroglu, Talar 4531
Sakakibara, Chie 4327
Sakrejda, Krzysztof 1522
Sakulich, John 5444
Saldanha, Arun 1611
Saliba, George 2451
Salim, Zia 3550
Salisbury, David 2411
Salmon, Scott 1637, 5135
Salmond, Jacqueline 4222
Salmond, Jennifer 2202, 2502
Salo, James 4411
Salter, Christopher 4245
Salva-Tomas, Pere 3119
Sambrook, Richard 1514
Samers, Michael 1615, 3639
Samimi, Cyrus 1632
Sancar, Fahriye 5439
Sanchez, Luis 3403
Sanchez-Rodriguez, Roberto 3227, 4119
Sanford, Matthew 1548
Sang, Sunhee 2112
Sarathy, Brinda 3406
Sarkar, Sula 5503
Sarre, Philip 3220
Sato, Noriyuki 3537
Saunders, Earl 4427
Sawyer, Carol 3636
Sayeeduzzaman, M. 2203
Saylor, Kristi 3422
Sayre, Nathan 2731, 2831
Scarles, Caroline 5105
Scarpaci, Joe 2114
Scarpellino, Martha 3207
Schade, Werner 3614
Schaefer, Nadine 2448
Schaetzl, Randall 3109
Scharf, Lynn 2251
Schepps, Dorothy 4151
Schlachter, Kyle 5111
Schlemper, Beth 4340
Schlosser, Kolson 3609
Schmid, Christian 2731, 2831
Schmid, Hans Peter 2102

PARTICIPANT INDEX

- Schmidlin, Tom 3443, 4143, 4303
Schmidt, Charles 1627, 3451
Schmidt, David 4527
Schmidt, Evan 5450
Schmidt, Suzanne 3105
Schmidtlein, Mathew 1508
Schmiedeler, Tom 2107
Schmutz, Phillip 2507
Schneider, Laura 1536
Schneider, Philipp 2403
Schneider, Steve 4621
Schnell, Izhak 5245
Schnell, Steven 1522
Schoenberger, Erica 3106
Scholl, Andrew 4427
Scholten, Bruce 3515
Schreven, Luuk 5140
Schrijver, Frans 2118
Schroeder, Jonathan 2201
Schroeder, Kurt 5247
Schroeder, Richard 5118
Schroeppe, Ken 4506
Schueth, Samuel 4205
Schulten, Susan 2122, 4407, 5205
Schultz, Ronald 2215
Schulzinger, Robert 3610
Schoorman, Nadine 3131, 3231, 4208
Schwanen, Tim 4416
Schwartz, Leigh 4518
Schwartz, Mark 2102
Schwartz, Robert 2232, 2430, 4137
Schwartz, Sarah 3643
Scott, Alister 3135
Scott, Damon 2123
Scott, Darren 5448
Scott, James 1608
Scott, Lauren 3627
Scull, Peter 2106
Sechrist, Robert 4243
Secor, Anna 3434, 4549, 5150, 5243
Seefeldt, Douglas 3104
Sein, Wah 2212
Seivertson, Bruce 4204, 4301
Selket, Kyro 3415
Selkowitz, David 4537
Sellar, Christian 5246
Sen, Lalita 5406, 5506
Senese, Donna 3243
Sengupta, Anindita 1532
Senn, Michael 5247
Senyah, Hubert 4335
Seo, Bongman 4211
Seong, Jeong Chang 1617
Seow, Tricia 4339
Sepp, Mait 2451
Serralles, Roberto 2151
Serreze, Mark 3237
Sessoms, Nathan 4209
Shaeffer, J. Duncan 4519
Shambaugh-Miller, Michael 5422
Shankman, David 3509
Shao, Yang 2540
Sharik, Terry 3549, 3649
Sharma, Martha 2109
Sharma, Rashi 5521
Sharp, Joanne 3530, 3630
Shaw, Annapurna 4408
Shaw, Jonathan 4423
Shaw, Shih-Lung 4416
Shaw, Tony 3443, 4243
Shcherbaniuk, Mykola 4448
Shears, Andrew 2404
Sheehan, Rebecca 2539, 3425, 3525, 3625
Sheen, Shaw-Wen 2451
Sheer, Mindi 2203
Shein, Karsten 1510
Shelley, Fred 4111, 5522
Shellito, Bradley 5145
Sheng, Jingfen 5544
Sheppard, Eric 2432, 3131
Sheppard, Ted 4512
Sheridan, Scott 3516
Sherman, Jill 3405
Sherman-Morris, Kathleen 4151
Sherriff, Rosemary 3409
Sherrouse, Ben 5514
Sheskin, Ira 3203, 3607
Shi, Bing 5112
SHI, Jingjing 2205
Shi, Xuan 2403
Shi, Xun 2439
Shiel, Matthew 5151
Shields, Rob 4518
Shih, Keh-Her 3148

PARTICIPANT INDEX

- Shiklomanov, Nikolay 5531
Shin, Daehyok 3123
Shin, Sharon 1649
Shinker, Jacqueline 4201
Shinneman, Douglas 3409
Shiplee, Brian 4434
Shipman, Aimee 2408
Shively, David 2105
Shobe, Hunter 4419
Shoemaker, Jeff 4506
Shortridge, Barbara 4130, 4230
Shoultz, Gerald 1540
Shovic, Henry 4124
Shroder, John 3512
Shubin, Sergei 2225
Shuman, Bryan 2150, 2250, 2450
Shumway, J. Matthew 3549, 3649
Sibold, Jason 3108
Sidaway, James 2136, 3630, 4311, 5243
Siderelis, Karen 2515
Sidorov, Dmitri 5146
Sieben, Erica 4435
Sierra, Rodrigo 5241
Silberfein, Marilyn 5536
Silva, Julie 1639
Silver, Mariko 5536
Silvey, Rachel 1650, 3207
Sim, Sun Hui 3433
Simandan, Dragos 2210, 3202, 5108
Simenson, Chris 3603
Simley, Jeffrey 4535
Simmons, Cynthia 2211, 2511
Simmons, Tracy 5118
Simms, Nicole 4534
Simon, David 3227, 3530, 4330
Simon, Gregory 4102, 4202, 4302
Simpson, Susan 4334
Sin, Harnq Luh 5114
Sines, Bonnie 5251
Sinton, Diana 3401
Sioh, Maureen 2251
Sippel, Ross 1525
Sirk, Robert 3544
Sirrinc, J Robert 5538
Sister, Chona 3544
Sivak, Henry 2118
Skelton, Tracey 1648, 2148, 2248
Skibba, Matthew 2251
Skole, David 2415, 3531
Skop, Emily 2130, 2209, 2230, 3607, 4439
Skupin, André 2121, 2221
Slattery, Michael 4110, 4210, 4310
Sleeter, Benjamin 3422
Sleezer, Richard 4410
Sletto, Bjorn 3239
Slocum, Rachel 4402
Slocum, Terry 4250
Sluyter, Andrew 3201, 5541
Smiley, Sarah 2509
Smith, Betty 2116, 4304
Smith, Brady 2451
Smith, Christopher 3245
Smith, Daniel 2207
Smith, Darren 4309, 4409, 4509
Smith, Dianna 3633
Smith, Garrett 3221
Smith, Geoffrey 3212
Smith, H. 2231, 3148, 3248
Smith, Heather 3103, 4219
Smith, James 2107
Smith, Jan 2127, 2409, 2509, 4101
Smith, Jeffrey 3411, 4541
Smith, Jonathan 3517, 4445
Smith, Julie 3602
Smith, Laura 3427
Smith, Laurel 3450, 5208
Smith, Laurence 4237, 4337
Smith, Marissa 3440
Smith, Neil 2114, 3518, 3610, 4508, 5205
Smith, Paul 5420
Smith, Rebecca 1525
Smith, Sara H. 5436
Smith, Steve 2138
Smith, Susan 3639, 5121, 5532
Sneddon, Chris 4147, 4247, 5215
Snider, Ian 1632
Snow, Mary 5251
Snow, Richard 2451
So, Sin Yee 5519
Sobek, Adam 4348
Sobolowski, Stefan 3237
Sodeinde, Olalekan 4406
Soennecken, Brendan 2246
Soffer, Arnon 5547

PARTICIPANT INDEX

- Sohl, Terry 3422
Sohn, Youngsinn 2235
Solecki, William 3227
Solem, Michael 1514, 3618, 4201, 4504
Solis, Patricia 4312, 4412, 4512
Somdahl, Katrinka 4318
Sommers, Lawrence 4515
Song, Conghe 3223
Song, Wei 5144
Songer, Lynn 4201
Sonthalia, Rakhee 2223
Soper, Anne 2245
Sorokine, Alexandre 2536
Sorrensen, Cynthia 3540
Sothorn, Matthew 2524
Souch, Catherine 3606, 4312
Soulard, Christopher 2251
Sowers, Jacob 4109
Spahr, Christopher 2127, 5101
Sparke, Matthew 2621
Sparks, Jodi 3509
Sparks, Tony 4322
Speer, James 3108, 3141, 3208, 3408, 3508,
3608, 4104, 4503
Speh, Natalija 4519
Speights-Binet, Jennifer 4304
Sperling, Jon 5412
Spies, Mattias 1506
Spigel, Kevin 2534, 4124
Splinter, Dale 2508
Sporton, Deborah 2148
Sprenger, Audrey 1524
Sproles, Eric 2203
Spruance, Catherine 5123
Squires, Rod 2412
St. Martin, Kevin 2141, 2541, 4108, 4208,
4539, 5237
Staddon, Chad 1548, 5446, 5546
Stadler, Stephen 3520
Staff, Zachary 3451
Stahl, Johannes 3245
Stallins, J. 5102, 5202, 5402
Standish, Alex 2419
Staneva, Marieta 5135
Stangl, Paul 5449
Stanitski, Diane 2127
Stanley, Anna 4227
Stansfield, Charles 3219
Stea, David 5117
Stehman, Diane 3549, 3649
Steigman, Matthew 4344
Stein, Ellen 2433
Steinberg, Michael 4117, 4346, 4547
Steinberg, Philip 4347, 4447, 5522
Steinhart, Gail 2414
Stemmerman, Erick 3551
Stephen, Gray 2450
Stephens, Hilary 2251
Stephens, Monica 4543
Stern, Herschel 5103
Sternberg, Frances 3243
Sternberg, Rolf 3609
Stetson, Robert 3233
Stevens, Stan 3150, 3250
Stevens, Sunny 2138
Stewart, Dona 4214, 4314, 4549
Stewart, Susan 3543
Stier, Michael 1527
Stitt, Susan 5415
Stocks, Lee 1512
Stodolska, Monika 4319
Stoltman, Joseph 2409
Stork, Allison 5111
Storm, Chris 4151
Storm, Gary 4215
Stott, Lowell 2250
Stow, Douglas 3211
Straatman, Bas 4232
Strandhagen, Erik 1603
Strauss, Kendra 4418
Strauss, Tim 2109
Strickland, Jamie 1532
Stringer, Lindsay 4125
Stroeve, Julienne 4337
Strong, Courtenay 3137
Strong, William 3411
Stroud, Hubert 5244
Stutz, Frederick P 4251
Su, Jason (Guangquan) 5138
Su, Lihong 2120
Suganuma, Unryu 4112
Sui, Daniel 2404, 2504
Sullivan, Donald 2450
Sullivan, Thomas 4433

PARTICIPANT INDEX

Sultana, Farhana 5508
Sultana, Selima 4148, 4248, 5116
Sumartojo, Rini 5425
Sumpter, Amy 5421
Sun, Ruei-Suei 2245
Sun, Wanxiao 1609
Sun, Wenjie 5510
Sun, Yifei 3146, 3246, 3446, 3546, 3646,
4116, 4216, 5209
Suorsa, Katri 1506
Suppes, Britta 2251
Susi, Gretchen 3102
Sutherland, Elissa 3539
Sutton, Paul 1624
Swanson, Joshua 1522
Switzer, Catherine 3122
Syfert, Mindy 2251
Sylvester, Christine 3630, 4144
Szivas, Edith 1608

T

Taff, Gregory 5146
Tague, Christina 3123, 3223
Tang, Wenwu 2105
Tang, Yanbing 4420
Tang, Yingqi 3210
Tarhule, Aondover 3125
Tasch, Jeremy 2546
Tatalovich, Zaria 5112
Tate, Tom 4412
Taylor, Emariana 3251
Taylor, Janis 5533
Taylor, Laura 4246
Taylor, Liz 5521
Taylor, Matthew 4117, 4547
Taylor, Peter 1641
Taylor, Stephen 5110
Taylor, Zachary 3523
Teale, Chelsea 3533
Tedesco, Carmen 2408
Teixeira, Carlos 2547, 3607, 4219, 4319
Terkenli, Theano 3201
Terranova-Webb, Ariel 2115
Terrell, John 4347
Terry, William 4418
Terwilliger, Valery 2150

Thakur, Baleshwar 2227, 2427, 4406
Thakur, Rajiv 4212, 4321
Thakur, Sudhir 2439, 4406, 5101
Thayn, Jonathan 2120
Thein, Brad 3612
Theo, Lisa 4151
Theobald, David 3541
Theobald, Rebecca 2117, 3507, 5125, 5225
Theodore, Brandt 2551
Theodore, Nik 4550
Thiem, Claudia 5125, 5225
Thomas, Deborah 1646, 5127, 5227
Thomas, Kibutu 3144
Thomas, Mary 1650, 2548, 3519, 4439
Thomas, Sharon 3435
Thompson, Chris 5210
Thompson, Deborah 5239
Thompson, Doug 3408
Thompson, Matthew 2551
Thompson, Samuel 2127, 2227, 2427
Thomson, Curtis 2251
Thomson, Gregory 2502
Thomson, Melanie 3218
Thornbrugh, Casey 3133
Thornburg, Gina 3405
Thuy, Peter 4306
Tickell, Adam 4550
Tiefelsdorf, Michael 1504, 5248
Tiefenbacher, John 5127
Tierney, Sean 2527
Tillman, Benjamin 3145, 4201
Timms, Benjamin 3250
Timothy, Dallen 3247, 5104
Timothy, Hare 1640
Timothy-Burgess, Margaret 3543
Tiwari, Chetan 3210
Tobin, Dennis 5101
Tobin, Graham 5227
Todd, Stella 2233
Toepfer, Helmuth 4112
Tolia-Kelly, Divya 5119, 5217
Tokatli, Nebahat 4441
Tomaszewski, Brian 5440
Toney, Megan 2423
Toops, Stanley 5109, 5209
Torregrosa, Alicia 5220
Torrens, Paul 4232, 4332, 4432

PARTICIPANT INDEX

Torres, Rebecca 5104, 5218
Torres-Cuevas, Lizandra 5151
Toshiaki, Satoh 5138
Tovar, Jennifer 2222
Townshend, John 2415
Toyama, Kentaro 5240
Trafton, Erica 3117
Trageser, Andrea 3133
Trainor, Sarah 4527
Trammell, Erick 5419
Traub-Werner, Marion 3230
Trauger, Amy 3225, 3404, 4402, 4502
Travis, Sabrina 4410
Travis, William 3440
Trenberth, Kevin 2518
Trendell, Harold 1634
Trenhaile, Alan 1638
Tretter, Eliot 2240
Trevor, Jones 3233
Tripathy, Dibyajyoti 3133
Trkulja, Jovana 2112
Trone, Eleanor Sue 2246
Trotter, Sharon 2451
Troyer, Michael 2103
Trudeau, Daniel 2117, 2517, 3601
Truly, David 5404
Trumbull, Nathaniel 5146
Tsai, Huei-Min 4447
Tschakert, Petra 5130
Tschudi, Mark 1614
Tsou, Ming-Hsiang (Ming) 2503, 3502, 3602
Tsukernik, Maria 3237
Tu, Wei 4122
Tucker, Donna 5544
Tufenkian, Jeffrey 4233
Turner, Billie 1541
Turner, Matthew 2441, 5230
Tuttle, Julie 3121
Tykkylainen, Markku 2435
Tyner, James 1537, 4501
Tyner, Judith 1511

U

Ubben, Tamara 3605
Uejio, Chris 3416
Ueland, Jeff 3644

Uitermark, Justus 3116, 5425
Uitto, Juha 2134
Underhill-Sem, Yvonne 5233
Underwood, Chris 3251
Underwood, S. 2135
Ungar, Simon 3115
Unruh, Jon 4547
Upchurch, Christopher 3522
Urban, Dan 3444
Urban, Michael 2534, 5233

V

Vadali, Sharada 5505
Vajoczki, Susan 4504
Vale, Thomas 2233, 5402
Valentine, Gill 1550, 5201
Van Acker, Veronique 4517
Van Auken, John 1605
Van Blerk, Lorraine 2448
Vance, Anneliese 2136
Vance, Tiffany 4331
Vandeberg, Gregory 4310
Van De Gevel, Saskia 3508
Van Der Velde, Martin 2436
Vanderbeck, Robert 2448, 3624
Vanderbrink, Kelly 3633
Van Deusen, Richard 2240, 2519, 3241, 3441
Van Diepen, Albertine 1537
Van Dijk, Deanna 1509
VanLooy, Jeffrey 5232
Van Riemsdijk, Micheline 4420
Varnakovidia, Pariwate 3433
Varsanyi, Monica 3107, 3207
Vasudevan, Alexander 2401, 2501
Vatne, Eirik 3148
Vaughan, James 2112
Vaughn, Valerie 2207
Vazoulas, Kathleen 4206
Veeck, Gregory 5109, 5209
Vega, Anthony 4107, 5251
Vender, Jodi 1509, 2509, 5205, 5405
Venn, Laura 3415, 3515, 3639
Verduzco, Basilio 3245
Vereecken, Laetitia 5144
Verny, Jerome 3603

PARTICIPANT INDEX

Veronis, Luisa 3501
Versluis, Anna 4132
Vezhapparambu, Sajith 2525
Vias, Alexander 3405, 3505, 3605
Vicario, Lorenzo 4409
Vidal, Lindsay 2420
Viertel, David 4151
Vilaca, Olivier 3145
Villanueva, Joaquin 2519
Vine, David 3438
Vines, Natalie 3644
Vinnakota, Srinivas 5112
Vinodrai, Tara 1647
Vitale, Patrick 2434
Vliet, Andrew 4512
Vogt, Brandon 5544
Vojnovic, Igor 5401
Volker, Heather 2508
Von Hellermann, Pauline 2247
Von Reichert, Christiane 4251
Vos, Brandy 4406
Vowles, Timothy 2527

W

Wachowiak, Helmut 4306
Wachs, Theodore 2551
Waddy, Emily 3222
Wade, Alisa 2251
Wade, Charles 2409
Wadhwa, Vandana 5406, 5506
Wadyko, Michael 5405
Wagendorp, Jeroen 3206
Wagner, Jacob 4322
Wahab-Twibell, Rima 2525
Wahl, David 3232
Wahl, Eugene 2150
Wainwright, Joel 1541, 3419, 3519, 5438
Waite, Louise 4415
Wajntraub, Eva 3547, 3647
Wajntraub, Gimpel 3547
Walby, Kevin 4315
Walcott, Susan 3446, 3546
Walden, Von P. 5232
Waldron, John 4424
Walegur, Michael 3533

Walenta, Jayme 1602
Walker, David 4209, 4409
Walker, Joan 3403
Walker, Johnathan 3206
Walker, Margath 4325
Walker, Richard 2531, 3106, 5150, 5538
Walker, Robert 2111, 2511
Walker, Scott 1616
Walks, R. 3138
Walsh, Kevin 3238, 3438
Walsh, Stephen 5241
Walter, Andy 3449
Walters, Claudia 4440, 4540
Waltman, Sharon 3109
Walton, Walton 2107
Walton-Roberts, Margaret 4340
Wandel, Johanna 4502
Wang, Cuizhen 3211
Wang, Enru 4122
Wang, Fahui 2139, 2239, 2439, 5138
Wang, Fei 4251, 4448
Wang, Jialing 5510
Wang, Le 3111
Wang, Lei 2505
Wang, Linda 4220
Wang, Lu 4111
Wang, Man 5122
Wang, Qingfang 3607, 5245
Wang, Shaowen 2403
Wang, Shuguang 3146, 4116
Wang, Tan 3246
Wang, Wenfei 5209
Wang, Xiao 5112
Wang, Yi-Chen 2208
Wang, Youfeng 1532
Wanless, Sarah 4251
Ward, Dennis 5145
Ward, Neil 3639
Warf, Barney 2115
Warkentin, Traci 3118
Warner, Timothy 3548
Warwick, Cindy 2449
Waskowski, David 2418
Wassel, Gregory 2409
Wastl-Walter, Doris 4136
Waterinckx, Philippe 4307
Waterman, Stanley 4435

PARTICIPANT INDEX

- Waterstone, Marvin 4235
Wathen, Stephen 5419
Watkins, Brad 5251
Watkins, Helen 3415
Watre, Robert 3403
Watson, Annette 2501
Watson, Elizabeth 2507
Watt, Steve 4231
Watts, Paul 2146
Watts, Raymond 4333
Way, Henry 5516
Weaver, Stephen 1535
Webber, Richard 4309
Weber, Joe 4148, 4248, 4348
Webster, Gerald 2110
Wedo, Andrea 3533
Weeks, Amy 3451
Weeks, John 2130
Wei, Dan 2151
Wei, Hu 1504
Wei, Xiaofang 2551
Wei, Yehua 3246, 3546, 5506
Weichelt, Ryan 2145
Weidler, Christa 4209
Weiner, Daniel 1612, 2141, 3131, 4131, 4208
Weinert, Julie 3643
Weisberg, Peter 3641
Weiss, Daniel 3636
Welch, Joan 3544
Wellar, Barry 4148, 4515, 5505
Weller, Sally 1521
Wendel, Jörg 5412
Weng, Qihao 4216
Weng, Yen-Chu 1543
Wenzl, Andrew 3405
Wertman, John 4349, 4417
Wescoat, James 5230
West II, William 5243
West, David 3423
Western, John 2220, 3425
Wheeler, Michael 5440
Wheeler, Russell 2551
Whisler, Ronald 4420
White, Allen 5118
White, George 2216
White, Gilbert 4621
White, Roger 4232
White, Scott 4448
White, Stephen 3444
Whitehead, Jessica 1546
Whitlock, W. Scott 3431
Whitmore, Thomas 4320
Whitson, Risa 3449
Wiangwang, Narumon 4335
Widdis, Randy 4340
Wight, Georgina 3141
Wigle, Jill 3114
Wikle, Thomas 3451
Wilbanks, Thomas 4349, 4436, 4514
Wildblood-Crawford, Bruce 2219
Wilder, Margaret 5441
Wilhelmi, Olga 2414, 5235
Wilhoit, Jennifer 3250
Wilkerson, Forrest 5445
Wilkins, David 3512
Wilkins, Lisa 3251
Williams, Darrel 2415
Williams, Henrietta 3439
Williams, Jack 2150
Williams, Kay 1517, 2127
Williams, Nikki 3511
Williams, Patricia 4334
Williams, Thomas 4133
Willis, Katie 3230
Wilmsen, Carl 3406
Wilson, Bradley 2506, 3539
Wilson, Cameron 5545
Wilson, Dana 4238
Wilson, David 5425
Wilson, James 2430
Wilson, Matthew 3410
Wilson, Robert 5409, 5515
Wilson, Ronald 1633
Winchell, Dick 2423
Winders, Jamie 3501, 4407, 4507
Windram, Morgan 2223
Wing, John 4108
Wingate, Robert 2251
Winkler, Julie 3606, 4440, 4540
Winklerprins, Antoinette 2211, 2511
Winters, Ellen 3608
Wirth, Timothy 4349
Wise, Erika 2251
Wiseman, Suzi 5145

PARTICIPANT INDEX

Wisniewski, Walli Ann 2116
Wohl, Ellen 5110, 5210, 5410
Wojcik, Dariusz 4211, 4311, 4411, 4511
Wolaver, Joanna 2507
Wolch, Jennifer 4621
Wolf, Joy 2533
Wolfinbarger, Susan 3119
Wolford, Wendy 2147, 2214, 3216
Woltemade, Christopher 4110
Wong, Adeline 3444
Wong, Chor Yee 5525
Wong, David 1504, 1604, 2201, 3210, 4532,
5138, 5248
Wong, Madeleine 5219
Wong-Gonzalez, Pablo 4136
Wonseok, Seo 2205
Wood, Andrew 4141, 4241, 4341, 4441
Wood, Christopher 3433
Wood, Denis 2516
Wood, Elizabeth 2434
Wood, Joseph 2416, 2516
Wood, Lawrence 3206
Wood, Margaret 4144
Wood, Nathan 2515, 3531
Wood, Nichola 4433, 5532
Wood, Patricia 4539
Wood, Peter 3407
Woodey, Chris 1507
Woodhouse, Connie 2450
Woodhouse, Kathleen 3203
Woods, Clyde 3538
Woods, Jason 3435
Woods, Michael 3135, 3235
Woods, Scott 4224
Woods, William 3532, 3632
Woodward, Keith 1611, 3434
Works, Martha 3605
Worrell, Mark 2224
Wridt, Pamela 1530
Wright, Bruce 4136
Wright, Dawn 3606, 4231
Wright, Elijah 2121
Wright, John 4134
Wright, Richard 1530, 2214, 3236, 3501,
4149, 4249
Wrigley, Neil 4441
Wrona, Kalyn 4107

Wu, Changshan 2440
Wu, Chin-Yen 5219
Wu, Jie 2536
Wu, Li 2405
Wu, Lin 3510
Wu, Shuang-Ye 5235
Wu, Shuo-Sheng 3233
Wu, Weiping 3446, 5250
Wu, Wen-Yu 3431
Wu, Xiaolan 2535
Wu, Yi-Hwa 3451
Wurglitch, DJ 2203
Wyckoff, William 1627, 4401
Wyly, Elvin 3427
Wyman, Megan 5239
Wynne, Randolph 2111

X

Xiao, Honglin 4216
Xiao, Jingfeng 3648
Xiao, Ningchuan 3215
Xie, Yichun 2227, 2403, 2503, 4216
Xie, Zhixiao 2133
Xierali, Imam 5220
Xu, Jun 5417
Xu, Wei 5109
Xu, Zengwang 2504

Y

Yamada, Ikuho 2439
Yamamoto, Daisaku 5507
Yamane, Akiko 5132
Yamazaki, Takashi 4247
Yan, Jun 2201
Yang, Chaowei 2403, 2503
Yang, Fan 3646
Yang, Xiaojun 2140, 2440, 2540
Yang, Xiaoying 5519
Yang, Zhenshan 4122
Yansa, Catherine 3423, 5111, 5211
Yapa, Lakshman 1607, 3201
Yarbrough, Robert 1530, 1630
Yarnal, Brenton 4225
Ye, Hengchun 4437

PARTICIPANT INDEX

- Ye, Xinyue 2239
Ye, Yanlin 2206
Yeboah, Ian 3530
Yeboah, Samuel 4316
Yeh, Emily 2241
Yeoh, Brenda 2307, 3524
Yeomans, Christian 2118, 5546
Yeung, Henry 1502, 2131, 2231, 2431, 2531,
3230, 4241, 5250
Yin, Li 4432
Ying, Killian 1545, 1645
Yochim, Michael 2105
Yoder, Michael 3127
Yoo, Eun-hye 2239
Yool, Stephen 4324, 4524
Yoon, Hyejin 1507
You, Suyu 4121
Young, Craig 1547, 5446, 5546
Young, James 4246
Young, Jeffrey 4344
Young, Kenneth 3209
Young, Stephen 4115
Youngblut, Don 3141
Youngs, Yolonda 2420, 3225
You-Ren, Yang 1636
Yu, Chaoqing 3527
Yu, Danlin 2239
Yu, Genong 2132
Yu, Hongbo 3619
Yu, Jaehyung 1614
Yu, Qian 2139
Yuan, Fei 2451
Yuan, May 3210
Yuanda, Zhu 2551
Yudelevitch, Rand 4333
Yuill, Brendan 4110
- Z**
- Zademach, Hans-Martin 1502
Zakharchuk, Mariya 2251
Zamastil, Kristine 4306
Zaniewski, Kazimierz 1608
Zeibak, Naim 4204, 5149
Zeigler, Donald 2109
Zeitler, Ezra 4541
Zelinsky, Wilbur 4215
Zeller, Christian 4511
Zellner, Moira 4432
Zhan, F 4431
Zhang, Charlie 4444
Zhang, Jun 3546
Zhang, Ling 2403
Zhang, Qi-Bin 3108
Zhang, Tingjun 4237
Zhang, Tong 4532
Zhao, Tao 4345
Zhao, Tingting 4251
Zhao, Xiaobin 3646
Zhijie, Li 4323
Zhou, Guirong 5512
Zhou, Guiyun 2505
Zhou, Jiangping 4116
Zhou, Jianyu 3619
Zhou, Naijun 3619
Zhu, Honglei 2120
Zhu, Tongxin 4110
Ziegler, Susy 3508
Zier, Jim 3409
Zimmer, Volker 5147
Zimmermann, Friedrich 3119, 3631
Zimmermann, Petra 5138
Zimolzak, Chet 3219
Zintambilla, Henry 2451
Zolnik, Edmund 2222
Zonn, Leo 1630
Zook, Matthew 5106
Zorn, Matt 5435
Zou, Zhijun 2139
Zulu, Leo 4125
ZumBrunnen, Craig 2546, 3110
Zume, Joseph 2437
Zunino, Hugo 3127

SPECIALTY GROUP SESSIONS INDEX

AAG Commission on College Geography

2209, 4204, 4304, 4404, 4504

Africa Specialty Group

4305, 4405, 4505, 4739, 5236, 5403

Applied Geography Specialty Group

2818, 4515, 5505

Asian Geography Specialty Group

1632, 3146, 3246, 3446, 3546, 3646, 4112, 4116, 4212, 4216, 4449, 4549, 4706, 5209, 5250, 5506, 5525

Bible Geography Specialty Group

2838, 3447, 3547, 3647

Biogeography Specialty Group

1543, 1643, 2102, 2150, 2202, 2250, 2441, 2450, 2533, 2550, 3108, 3141, 3208, 3209, 3301, 3408, 3409, 3423, 3508, 3509, 3523, 3608, 3641, 4103, 4104, 4124, 4203, 4224, 4303, 4324, 4424, 4446, 4503, 4524, 5102, 5111, 5202, 5211, 5402

Canadian Studies Specialty Group

2317, 2738, 4140, 4240, 4327, 4340

Cartography Specialty Group

2121, 2201, 2221, 2403, 2503, 2839, 3210, 3233, 3433, 4150, 4250, 4350, 4450, 4532

China Specialty Group

2245, 2546, 2739, 3146, 3246, 3446, 3546, 3646, 4116, 4216, 5109, 5209

Climate Specialty Group

1546, 1646, 2102, 2137, 2150, 2202, 2237, 2250, 2402, 2414, 2437, 2450, 2502, 2518, 2525, 2737, 3108, 3137, 3208, 3237, 3416, 3437, 3516, 3536, 3537, 3616, 3637, 4103, 4107, 4203, 4237, 4303, 4337, 4437, 4440, 4537, 4540, 5131, 5132, 5231, 5431, 5531

Coastal and Marine Specialty Group

1538, 1638, 2140, 2407, 2507, 3412, 3512, 3612, 4137, 4203, 4231, 4331, 4725

Committee on the Status of Women in Geography

2101, 3225, 3340, 3606, 4439

Communication Geography Specialty Group

1601, 2504, 4118, 4218, 4318, 4347, 4418, 4447, 4518, 4743, 5106, 5139

Community College Affinity Group

3308, 3502, 3602, 5103

SPECIALTY GROUP SESSIONS INDEX

Cryosphere Specialty Group

2150, 2250, 2414, 2450, 3137, 3237, 3337, 3437, 3533, 3536, 3636, 3637, 4237, 4337, 4437, 4537, 5232, 5431, 5531

Cultural and Political Ecology Specialty Group

1541, 1548, 1632, 1641, 2104, 2111, 2141, 2204, 2211, 2241, 2247, 2411, 2432, 2441, 2511, 2523, 2541, 2740, 3106, 3139, 3150, 3232, 3239, 3250, 3406, 3432, 3440, 3506, 3532, 3540, 3632, 3640, 4102, 4146, 4147, 4202, 4246, 4247, 4346, 4347, 4402, 4446, 4447, 4502, 4546, 4547, 5137, 5141, 5208, 5237, 5241, 5437, 5441, 5508, 5541

Cultural Geography Specialty Group

1501, 1530, 1547, 1601, 1630, 1647, 2110, 2118, 2210, 2216, 2218, 2410, 2416, 2418, 2510, 2516, 2520, 2701, 2801, 3118, 3132, 3147, 3201, 3218, 3247, 3418, 3424, 3425, 3501, 3511, 3524, 3525, 3543, 3601, 3624, 3625, 4115, 4118, 4130, 4215, 4218, 4230, 4315, 4318, 4340, 4415, 4418, 4419, 4518, 4525, 4541, 5118, 5143, 5208, 5218, 5243, 5407, 5418, 5525

Developing Areas Specialty Group

3339, 4136, 5507

Disability Specialty Group

4734

Economic Geography Specialty Group

1502, 1547, 1602, 1647, 2104, 2131, 2210, 2231, 2431, 2432, 2447, 2531, 2541, 2718, 3106, 3146, 3148, 3201, 3206, 3246, 3248, 3407, 3446, 3503, 3546, 3603, 3646, 4116, 4141, 4211, 4216, 4241, 4305, 4311, 4341, 4411, 4441, 4511, 4550, 5106, 5137, 5236, 5237, 5437, 5507

Electronic Cultural Atlas Initiative

2430, 5140, 5240, 5440, 5540

Energy and Environment Specialty Group

2210, 2432, 3336, 3402, 3609, 5224

Environmental Perception and Behavioral Geography Specialty Group

4705

Ethics, Justice, and Human Rights Specialty Group

2125, 2225, 2523, 3107, 3207, 3439, 3539, 3639, 4105, 4205, 4346, 4547, 4704

Ethnic Geography Specialty Group

2130, 2230, 2446, 2547, 3103, 3203, 3507, 3511, 3607, 4219, 4312, 4319, 4501, 4525, 4703

European Specialty Group

2118, 2216, 2418, 3348, 3411, 4306, 5246

SPECIALTY GROUP SESSIONS INDEX

Geographic Information Science and Systems Specialty Group

1503, 1531, 1536, 1603, 2103, 2114, 2121, 2140, 2141, 2201, 2203, 2221, 2403, 2430, 2440, 2503, 2515, 2536, 2540, 2736, 3101, 3110, 3131, 3210, 3231, 3233, 3401, 3410, 3433, 3502, 3510, 3541, 3602, 3619, 3641, 4108, 4131, 4132, 4208, 4231, 4232, 4324, 4331, 4332, 4416, 4432, 4516, 4532, 5117, 5136, 5140, 5236, 5240, 5440, 5540

Geographic Perspectives on Women Specialty Group

1550, 1648, 1650, 2124, 2224, 2424, 2447, 2517, 2524, 2836, 3124, 3224, 3225, 3404, 3504, 3604, 3606, 4139, 4239, 4312, 4339, 4346, 4438, 4439, 4538, 4539, 4547, 5118, 5218, 5406, 5418, 5508

The Geographical Review

2416, 2516, 4214, 4314

Geography Education Specialty Group

1509, 2109, 2209, 2232, 2409, 2509, 2730, 3101, 3204, 3401, 3411, 3502, 3507, 3602, 4101, 4201, 4204, 4301, 4404, 4504, 5103, 5125, 5225

Geography of Religions and Belief Systems Specialty Group

2425, 2520, 2830, 3147

Geomorphology Specialty Group

2508, 2534, 2810, 3232, 3412, 3432, 3512, 3532, 3608, 3612, 3632, 4110, 4124, 4210, 4224, 4237, 4310, 4337, 4424, 4446, 4524, 5110, 5210, 5410, 5431, 5531

Graduate Student Affinity Group

2117, 2209, 2417

Hazards Specialty Group

1531, 1546, 1646, 2515, 3324, 3541, 4303, 5127, 5227, 5427, 5527

Historical Geography Specialty Group

1501, 2110, 2122, 2401, 2430, 2501, 3104, 3247, 3325, 3424, 3524, 3611, 4115, 4119, 4215, 4401, 4525, 4541, 5140, 5240, 5409, 5440, 5540, 5541

History of Geography Specialty Group

1501, 4702, 5205, 5405

Human Dimensions of Global Change Specialty Group

1543, 1546, 1643, 1646, 2111, 2211, 2247, 2414, 2511, 2546, 3110, 3227, 3609, 4137, 4336, 4436, 4536, 4709, 5132, 5141, 5241

Indigenous Peoples Specialty Group

2138, 3150, 3250, 3306, 3450, 4127, 4227, 4327, 5117, 5204

SPECIALTY GROUP SESSIONS INDEX

International Network for Learning and Teaching Geography in Higher Education
3507

Latin America Specialty Group

1641, 2111, 2114, 2211, 2241, 2411, 2511, 2806, 3127, 3150, 3250, 3543, 4117, 4147, 4247, 5141, 5241, 5541

Medical Geography Specialty Group

1540, 1640, 2408, 2537, 2710, 3416, 3516, 3616, 4138, 4238, 4338, 4405, 4431, 4531, 5124, 5203, 5403, 5506

Middle East Specialty Group

2805, 4449, 4549

Military Geography Specialty Group

2514, 3305, 4121, 4221, 5147, 5247, 5447, 5547

Mountain Geography Specialty Group

1548, 1632, 3105, 3205, 3536, 3636, 3637, 4437, 4537, 4708, 5107, 5110, 5207, 5210, 5407, 5410

Political Geography Specialty Group

2110, 2114, 2118, 2122, 2136, 2216, 2218, 2236, 2418, 2436, 2506, 3102, 3107, 3140, 3207, 3240, 3403, 3501, 3518, 3601, 3609, 3610, 4141, 4147, 4241, 4247, 4341, 4347, 4441, 4447, 4550, 4707, 5108, 5125, 5143, 5208, 5243, 5436, 5522, 5536

Population Specialty Group

1530, 1540, 1630, 1640, 2130, 2230, 2241, 2446, 2512, 2547, 3304, 3405, 3505, 3511, 3605, 3607, 4219, 4312, 4319, 4501, 5148, 5209, 5225, 5448, 5548

Qualitative Research Specialty Group

1601, 1648, 2136, 2236, 2436, 2506, 2517, 2804, 3102, 3404, 3410, 3425, 3510, 3525, 3543, 3625, 4239, 4339, 5139, 5239, 5439

Recreation, Tourism, and Sport Specialty Group

2245, 2704, 3132, 3205, 3631, 4106, 4206, 4306, 4419, 4506, 5104, 5105, 5404

Regional Development and Planning Specialty Group

2127, 2141, 2227, 2427, 2703, 3127, 3206, 4136, 4206, 4212, 4406, 5101, 5201, 5406, 5506

Remote Sensing Specialty Group

1503, 1531, 1603, 2102, 2103, 2140, 2202, 2203, 2405, 2440, 2505, 2515, 2525, 2540, 2803, 3105, 3111, 3211, 3233, 3433, 3448, 3541, 3548, 3641, 3648, 4124, 4224, 4324, 4424, 4524

Rural Geography Specialty Group

1641, 3132, 3303, 3405, 3406, 3440, 3505, 3540, 3605, 3624, 3640, 4109, 4246, 4307, 4402, 4502, 5124, 5238, 5438, 5538

SPECIALTY GROUP SESSIONS INDEX

Russian, Central Eurasian, and East European Specialty Group

2218, 2546, 3504, 4736, 5146, 5246, 5446, 5546

Sexuality and Space Specialty Group

2124, 2224, 2424, 2524, 3124, 3224, 3424, 3524, 3604, 4438, 4538, 4701

Socialist and Critical Geography Specialty Group

1631, 1648, 2104, 2122, 2138, 2410, 2447, 2538, 3106, 3202, 3238, 3302, 3504, 3538, 4105, 4139, 4205, 4308, 5150, 5439, 5450

Spatial Analysis and Modeling Specialty Group

1504, 1604, 2139, 2201, 2239, 2439, 2504, 2530, 2802, 3101, 3105, 3210, 4132, 4232, 4332, 4416, 4432, 4516, 4532, 5138, 5248, 5448, 5507, 5548

Transportation Geography Specialty Group

2527, 3338, 3503, 3603, 3638, 4148, 4248, 4348, 4416, 4516, 5116, 5224, 5448, 5505

Urban Geography Specialty Group

1530, 1547, 1630, 1647, 2117, 2130, 2230, 2440, 2540, 2547, 2702, 3102, 3110, 3127, 3227, 3425, 3427, 3501, 3514, 3525, 3601, 3607, 3625, 4119, 4219, 4319, 4408, 4419, 4508, 4546, 4550, 5124, 5125, 5225, 5425, 5525

Water Resources Specialty Group

1503, 1548, 1603, 2103, 2137, 2203, 2237, 2437, 2809, 5216, 5508

Wine Specialty Group

2709, 3243, 3443, 4143, 4243

World Wide Web Specialty Group

3309, 5106

TOPICAL INDEX

Africa

1525, 1545, 1548, 1625, 1639, 2104, 2108, 2120, 2134, 2141, 2150, 2151, 2247, 2248, 2251, 2402, 2408, 2441, 2447, 2448, 2509, 2525, 2537, 2551, 3116, 3130, 3144, 3149, 3211, 3219, 3220, 3221, 3244, 3249, 3430, 3451, 3507, 3530, 3532, 3551, 3608, 3643, 3650, 4125, 4146, 4207, 4220, 4305, 4316, 4405, 4505, 4536, 5101, 5106, 5118, 5130, 5133, 5151, 5204, 5236, 5403, 5501, 5516, 5536, 5538

Agriculture

1522, 1531, 1545, 1606, 1610, 2102, 2120, 2134, 2211, 2237, 2241, 2406, 2411, 2441, 2451, 2536, 2539, 2551, 3125, 3143, 3218, 3235, 3238, 3243, 3244, 3405, 3440, 3506, 3515, 3540, 3551, 3605, 3611, 3617, 3624, 4102, 4106, 4109, 4125, 4143, 4149, 4230, 4243, 4302, 4307, 4320, 4325, 4402, 4445, 4502, 4505, 4543, 5109, 5124, 5130, 5141, 5223, 5238, 5438, 5514, 5537, 5538

Applied Geography

1507, 1516, 1527, 1539, 1540, 1603, 1605, 1606, 1621, 1624, 1632, 1646, 2108, 2112, 2119, 2132, 2133, 2145, 2203, 2215, 2238, 2251, 2402, 2403, 2404, 2408, 2419, 2437, 2507, 3120, 3125, 3212, 3230, 3233, 3412, 3451, 3516, 3520, 3551, 3608, 3627, 3633, 3636, 4119, 4124, 4134, 4136, 4148, 4206, 4211, 4222, 4231, 4251, 4309, 4325, 4331, 4343, 4348, 4423, 4425, 4444, 4511, 4516, 4524, 4543, 4544, 5101, 5114, 5116, 5120, 5124, 5133, 5151, 5212, 5248, 5251, 5415, 5417, 5420, 5422, 5502, 5503, 5505, 5509, 5514, 5545

Asia

1501, 1502, 1537, 1548, 1602, 1632, 1636, 1639, 2107, 2112, 2123, 2130, 2134, 2136, 2141, 2145, 2148, 2207, 2215, 2217, 2223, 2225, 2233, 2236, 2241, 2245, 2248, 2251, 2435, 2436, 2451, 2516, 2537, 2546, 2551, 3105, 3108, 3116, 3138, 3140, 3146, 3148, 3149, 3203, 3206, 3207, 3220, 3233, 3246, 3250, 3415, 3446, 3451, 3537, 3546, 3547, 3551, 3603, 3643, 3644, 3646, 4102, 4107, 4112, 4116, 4119, 4122, 4141, 4145, 4151, 4206, 4216, 4233, 4239, 4241, 4245, 4247, 4302, 4316, 4320, 4321, 4335, 4341, 4345, 4350, 4403, 4408, 4411, 4441, 4447, 4508, 4534, 4546, 5107, 5109, 5121, 5122, 5127, 5130, 5144, 5151, 5209, 5215, 5240, 5427, 5436, 5501, 5503, 5510, 5514, 5525, 5536, 5540

Behavioral Geography

1523, 1524, 1535, 1605, 2116, 2119, 2205, 2221, 2222, 2251, 3115, 3124, 3405, 3410, 3417, 3436, 3543, 3605, 3614, 3619, 3633, 4120, 4132, 4223, 4232, 4238, 4243, 4303, 4307, 4350, 4416, 4433, 4516, 5132, 5151, 5233, 5239, 5245, 5404, 5509, 5547

Bible Geography

1549, 3222, 3447, 3547

Biogeography

1525, 1536, 1543, 1604, 1624, 1643, 2102, 2120, 2150, 2208, 2211, 2233, 2250, 2441, 2507, 2533, 2534, 2550, 3108, 3109, 3111, 3121, 3123, 3141, 3208, 3209, 3211, 3232, 3234, 3239, 3251, 3408, 3409, 3423, 3448, 3508, 3509, 3510, 3512, 3523, 3533, 3536, 3541, 3551, 3608, 3636, 3637, 3641, 3644, 4104, 4109, 4135, 4203, 4224, 4225, 4231, 4234, 4249, 4324, 4334, 4347, 4401, 4410, 4424, 4425, 4427, 4434, 4443, 4503, 4524, 4527, 5102, 5107, 5111, 5122, 5123, 5146, 5202, 5206, 5207, 5211, 5220, 5222, 5239, 5401, 5419, 5444

TOPICAL INDEX

Business Geography

1502, 1507, 1521, 1539, 1547, 1602, 1615, 1634, 1636, 1647, 2108, 2221, 2419, 2527, 2551, 3148, 3206, 3212, 3246, 3430, 3435, 3439, 3503, 3603, 4111, 4151, 4211, 4233, 4235, 4241, 4249, 4311, 4411, 4441, 4444, 4511, 5120, 5124, 5151, 5220, 5221, 5244, 5520

Cartography

1501, 1508, 1601, 1603, 1612, 1617, 1621, 2119, 2121, 2122, 2132, 2133, 2201, 2219, 2221, 2251, 2503, 2504, 2524, 2536, 2551, 3104, 3109, 3115, 3122, 3132, 3215, 3231, 3233, 3238, 3410, 3417, 3433, 3447, 3502, 3527, 3547, 3614, 3619, 3627, 4101, 4108, 4121, 4127, 4145, 4150, 4215, 4250, 4251, 4340, 4344, 4347, 4350, 4423, 4444, 4450, 4532, 5147, 5151, 5212, 5220, 5221, 5248, 5251, 5404, 5405, 5417, 5424, 5435, 5539, 5547

Climatology

1510, 1525, 1546, 1645, 1646, 2102, 2135, 2137, 2150, 2202, 2237, 2249, 2250, 2251, 2402, 2404, 2433, 2437, 2450, 2451, 2502, 2525, 2533, 2534, 2550, 2551, 3108, 3109, 3120, 3125, 3137, 3141, 3208, 3210, 3221, 3237, 3251, 3408, 3416, 3420, 3437, 3516, 3520, 3523, 3533, 3536, 3537, 3551, 3608, 3612, 3616, 3617, 3632, 3633, 3637, 3644, 4103, 4107, 4133, 4135, 4143, 4203, 4237, 4303, 4334, 4337, 4427, 4436, 4437, 4440, 4443, 4503, 4505, 4524, 4536, 4537, 4540, 5120, 5123, 5127, 5131, 5132, 5138, 5207, 5211, 5231, 5235, 5251, 5405, 5419, 5431, 5435, 5444, 5531, 5535, 5544

Coastal and Marine

1538, 1638, 2140, 2221, 2233, 2407, 2451, 2507, 2534, 2551, 3111, 3137, 3233, 3250, 3251, 3412, 3444, 3512, 3523, 3544, 3551, 3612, 3644, 4106, 4149, 4203, 4206, 4221, 4231, 4232, 4237, 4302, 4303, 4331, 4347, 4401, 4434, 4544, 5127, 5151, 5211, 5221

Cryosphere

1604, 1614, 1617, 2102, 2105, 2150, 2237, 2250, 2451, 2505, 2551, 3105, 3108, 3221, 3237, 3420, 3512, 3533, 3536, 3608, 3636, 3637, 4237, 4337, 4437, 4537, 4540, 5207, 5232, 5431, 5531, 5535

Cultural Ecology

1510, 1546, 1548, 1601, 1606, 1614, 1615, 1632, 1639, 1641, 1643, 2136, 2141, 2204, 2211, 2241, 2247, 2248, 2406, 2410, 2411, 2441, 2501, 2523, 2541, 3103, 3118, 3134, 3139, 3150, 3214, 3232, 3234, 3239, 3240, 3250, 3251, 3419, 3432, 3440, 3451, 3532, 3605, 3640, 4102, 4109, 4125, 4134, 4146, 4147, 4202, 4227, 4246, 4251, 4302, 4307, 4320, 4325, 4344, 4347, 4401, 4402, 4447, 4546, 5122, 5130, 5135, 5137, 5141, 5202, 5204, 5215, 5222, 5223, 5237, 5415, 5427, 5437, 5441, 5508, 5515, 5537, 5538

Cultural Geography

1501, 1507, 1510, 1522, 1523, 1524, 1530, 1532, 1535, 1545, 1547, 1549, 1601, 1606, 1610, 1611, 1615, 1625, 1630, 1633, 1634, 1637, 1647, 2104, 2110, 2118, 2121, 2122, 2123, 2124, 2125, 2133, 2138, 2146, 2148, 2207, 2216, 2217, 2218, 2219, 2220, 2223, 2224, 2225, 2230, 2236, 2238, 2240, 2245, 2246, 2247, 2248, 2401, 2406, 2410, 2416, 2418, 2419, 2420, 2424, 2425, 2436, 2447, 2448, 2501, 2516, 2519, 2520, 2524, 2539, 2541, 2546, 2548, 2551, 3102, 3103, 3104, 3107, 3116, 3118, 3122, 3124, 3130, 3132, 3135, 3138, 3140, 3144, 3145, 3147,

TOPICAL INDEX

Cultural Geography (continued)

3149, 3218, 3219, 3222, 3224, 3230, 3234, 3235, 3240, 3241, 3243, 3245, 3249, 3250, 3403, 3405, 3406, 3410, 3415, 3418, 3424, 3427, 3431, 3433, 3435, 3436, 3439, 3441, 3447, 3449, 3501, 3504, 3506, 3515, 3517, 3519, 3520, 3524, 3530, 3543, 3550, 3605, 3611, 3620, 3623, 3624, 3627, 3640, 3650, 4102, 4104, 4105, 4109, 4111, 4112, 4115, 4118, 4127, 4130, 4134, 4144, 4145, 4151, 4205, 4207, 4214, 4215, 4218, 4220, 4227, 4230, 4233, 4235, 4239, 4245, 4246, 4250, 4251, 4315, 4316, 4318, 4319, 4320, 4322, 4325, 4327, 4333, 4339, 4340, 4346, 4405, 4409, 4415, 4418, 4420, 4433, 4435, 4438, 4444, 4445, 4502, 4506, 4508, 4518, 4519, 4525, 4534, 4538, 4541, 4547, 5103, 5105, 5106, 5108, 5114, 5118, 5119, 5121, 5125, 5135, 5138, 5139, 5140, 5143, 5149, 5151, 5201, 5208, 5214, 5217, 5218, 5219, 5237, 5238, 5239, 5240, 5243, 5247, 5404, 5405, 5407, 5418, 5425, 5436, 5438, 5449, 5450, 5501, 5503, 5515, 5516, 5521, 5525, 5536, 5537, 5539, 5540, 5541

Disabilities

1514, 1517, 1535, 2219, 2248, 2524, 3115, 4339, 4348, 4415, 5217, 5406

East Europe

1548, 1608, 2108, 2118, 2218, 2220, 2418, 2501, 3220, 3245, 3439, 3504, 3603, 3609, 3646, 4136, 4225, 4306, 4341, 4518, 4547, 5106, 5135, 5144, 5146, 5246, 5449

Economic Geography

1502, 1506, 1507, 1516, 1521, 1532, 1534, 1539, 1545, 1547, 1602, 1605, 1610, 1615, 1624, 1636, 1639, 1641, 1647, 2104, 2107, 2108, 2112, 2115, 2125, 2136, 2151, 2201, 2207, 2211, 2212, 2220, 2222, 2235, 2241, 2246, 2251, 2406, 2408, 2410, 2424, 2435, 2439, 2447, 2519, 2527, 2532, 2537, 2546, 2551, 3112, 3117, 3119, 3127, 3130, 3132, 3144, 3145, 3146, 3148, 3203, 3206, 3207, 3212, 3214, 3218, 3219, 3220, 3221, 3230, 3235, 3240, 3241, 3243, 3244, 3245, 3246, 3248, 3405, 3407, 3427, 3430, 3436, 3439, 3446, 3449, 3451, 3503, 3519, 3530, 3539, 3546, 3603, 3605, 3611, 3620, 3646, 4106, 4111, 4112, 4115, 4122, 4123, 4136, 4141, 4144, 4149, 4151, 4205, 4207, 4211, 4218, 4230, 4232, 4233, 4239, 4241, 4243, 4244, 4248, 4249, 4305, 4311, 4315, 4318, 4321, 4327, 4333, 4341, 4344, 4345, 4402, 4403, 4408, 4409, 4411, 4423, 4427, 4432, 4433, 4441, 4502, 4508, 4511, 4518, 4520, 4527, 4543, 4550, 5106, 5108, 5109, 5121, 5122, 5124, 5125, 5137, 5144, 5147, 5151, 5204, 5209, 5215, 5220, 5221, 5225, 5233, 5236, 5237, 5238, 5244, 5246, 5401, 5404, 5420, 5437, 5438, 5449, 5450, 5507, 5514, 5520

Energy

1510, 2134, 2151, 2251, 2501, 2502, 2532, 3244, 3609, 4336, 4341, 4416, 4436, 4536, 5224, 5519

Environment

1503, 1504, 1505, 1506, 1510, 1512, 1517, 1522, 1527, 1532, 1543, 1601, 1603, 1604, 1615, 1633, 1637, 1643, 1646, 2103, 2104, 2105, 2111, 2112, 2134, 2135, 2136, 2138, 2140, 2141, 2149, 2150, 2151, 2202, 2203, 2204, 2205, 2207, 2211, 2223, 2235, 2237, 2247, 2249, 2250, 2251, 2402, 2406, 2411, 2418, 2420, 2430, 2433, 2449, 2450, 2451, 2501, 2502, 2503, 2505, 2507, 2523, 2525, 2532, 2533, 2536, 2537, 2539, 2541, 2546, 2549, 2550, 2551, 3103, 3109, 3111, 3112, 3118, 3123, 3132, 3133, 3134, 3135, 3141, 3147, 3150, 3205, 3208, 3209, 3216, 3218, 3220, 3221, 3223, 3232, 3233, 3234, 3239, 3244, 3250, 3251, 3406, 3408, 3409, 3416,

TOPICAL INDEX

Environment (continued)

3418, 3419, 3420, 3437, 3440, 3444, 3448, 3451, 3506, 3508, 3509, 3510, 3516, 3533, 3540, 3544, 3551, 3608, 3609, 3616, 3617, 3622, 3624, 3632, 3633, 3640, 3644, 3650, 4102, 4109, 4110, 4119, 4120, 4121, 4122, 4125, 4134, 4135, 4138, 4144, 4146, 4147, 4202, 4203, 4215, 4216, 4220, 4224, 4225, 4230, 4233, 4234, 4251, 4302, 4305, 4307, 4310, 4314, 4321, 4323, 4324, 4327, 4331, 4332, 4333, 4334, 4335, 4336, 4401, 4402, 4406, 4418, 4424, 4425, 4427, 4431, 4432, 4434, 4436, 4448, 4503, 4524, 4527, 4531, 4534, 4535, 4536, 4540, 4543, 4546, 4547, 5102, 5111, 5122, 5123, 5124, 5130, 5132, 5135, 5137, 5141, 5146, 5147, 5151, 5202, 5204, 5206, 5208, 5211, 5212, 5214, 5215, 5216, 5221, 5222, 5223, 5224, 5227, 5233, 5236, 5237, 5238, 5241, 5401, 5407, 5410, 5415, 5419, 5422, 5427, 5437, 5438, 5444, 5502, 5503, 5505, 5509, 5514, 5515, 5519, 5539, 5541, 5547

Ethnic Geography

1530, 1537, 1605, 1611, 1630, 1634, 2116, 2130, 2218, 2222, 2230, 2236, 2238, 2240, 2418, 2446, 2519, 3103, 3138, 3203, 3212, 3222, 3411, 3431, 3439, 3501, 3507, 3515, 3624, 4118, 4145, 4151, 4219, 4220, 4233, 4316, 4319, 4333, 4344, 4420, 4433, 4435, 4444, 4525, 4541, 5204, 5214, 5218, 5245, 5246, 5418, 5421, 5424

Eurasia

2123, 2236, 2546, 3609, 4233, 5107, 5122, 5424, 5449

Europe

1502, 1506, 1507, 1524, 1539, 1545, 1549, 1608, 2108, 2118, 2202, 2215, 2216, 2217, 2218, 2220, 2225, 2237, 2248, 2250, 2406, 2418, 2430, 2435, 2439, 2446, 2451, 2527, 3105, 3107, 3119, 3122, 3220, 3241, 3441, 3637, 3650, 4105, 4106, 4136, 4141, 4211, 4233, 4251, 4306, 4314, 4341, 4347, 4408, 4409, 4411, 4420, 4433, 4502, 4518, 4519, 4536, 4546, 4550, 5105, 5139, 5140, 5143, 5144, 5147, 5246, 5247, 5407, 5418, 5422, 5424, 5438, 5449, 5516, 5548

Gender

1602, 1614, 1630, 1633, 2110, 2112, 2123, 2124, 2148, 2223, 2224, 2236, 2248, 2416, 2423, 2424, 2436, 2447, 2448, 2520, 2524, 2548, 3124, 3131, 3138, 3144, 3149, 3207, 3224, 3230, 3411, 3415, 3419, 3424, 3431, 3449, 3504, 3624, 3643, 4127, 4130, 4144, 4146, 4151, 4218, 4219, 4233, 4239, 4244, 4305, 4316, 4338, 4339, 4340, 4346, 4402, 4415, 4438, 4534, 4538, 5116, 5118, 5121, 5137, 5143, 5151, 5214, 5215, 5218, 5219, 5406, 5418, 5421, 5501, 5508, 5515, 5536

Geographic Thought

1501, 1511, 1523, 1611, 2107, 2122, 2136, 2223, 2238, 2406, 2409, 2420, 2436, 2516, 2523, 3130, 3131, 3139, 3145, 3149, 3204, 3221, 3230, 3231, 3238, 3239, 3249, 3418, 3419, 3430, 3506, 3518, 3519, 3543, 3550, 4105, 4108, 4115, 4118, 4127, 4138, 4150, 4215, 4220, 4223, 4235, 4246, 4249, 4251, 4333, 4347, 4415, 4433, 5102, 5103, 5124, 5125, 5214, 5233, 5243, 5251, 5405, 5407, 5515, 5539

TOPICAL INDEX

Geography

1507, 1510, 1514, 1527, 1610, 1645, 2121, 2132, 2249, 2251, 2436, 2451, 2509, 2527, 2535, 2551, 3119, 3251, 3408, 3422, 3431, 3512, 3527, 3533, 3551, 3602, 3608, 3620, 3633, 3638, 4101, 4136, 4151, 4209, 4243, 4251, 4334, 4418, 4504, 5106, 5145, 5151, 5227, 5232, 5251, 5405, 5416, 5435, 5448, 5533, 5540, 5545

Geography Education

1501, 1511, 1514, 1517, 1524, 1616, 2108, 2409, 2419, 2433, 2509, 2533, 3115, 3204, 3221, 3238, 3401, 3411, 3435, 3451, 3502, 3507, 3602, 3614, 4101, 4236, 4250, 4251, 4318, 4444, 4504, 4517, 5103, 5145, 5151, 5225, 5251, 5405, 5445, 5509, 5521

Geomorphology

1512, 1538, 1603, 1614, 1638, 2103, 2203, 2239, 2250, 2407, 2433, 2450, 2507, 2508, 2534, 2550, 2551, 3105, 3109, 3111, 3123, 3133, 3232, 3251, 3412, 3432, 3509, 3512, 3532, 3533, 3544, 3551, 3608, 3612, 3632, 3636, 3648, 4110, 4124, 4210, 4224, 4249, 4251, 4310, 4331, 4337, 4410, 4510, 5102, 5110, 5130, 5151, 5207, 5210, 5215, 5235, 5405, 5410, 5419, 5431, 5445, 5517, 5527, 5531, 5544, 5547

GIS

1503, 1504, 1510, 1511, 1527, 1531, 1535, 1536, 1540, 1543, 1601, 1603, 1604, 1605, 1612, 1616, 1617, 1621, 1624, 1625, 1633, 1635, 1640, 1643, 2105, 2106, 2108, 2112, 2119, 2120, 2121, 2132, 2133, 2138, 2139, 2140, 2141, 2145, 2201, 2202, 2203, 2206, 2219, 2221, 2222, 2233, 2235, 2239, 2251, 2403, 2404, 2405, 2407, 2408, 2412, 2419, 2430, 2433, 2439, 2440, 2449, 2451, 2503, 2504, 2505, 2507, 2508, 2527, 2533, 2535, 2536, 2537, 2540, 2549, 2551, 3109, 3112, 3117, 3120, 3123, 3125, 3131, 3133, 3143, 3147, 3206, 3209, 3210, 3212, 3215, 3220, 3223, 3231, 3233, 3251, 3401, 3408, 3410, 3417, 3433, 3444, 3451, 3502, 3510, 3522, 3527, 3532, 3537, 3541, 3544, 3548, 3551, 3602, 3614, 3617, 3619, 3622, 3627, 3641, 3648, 4104, 4108, 4121, 4123, 4124, 4125, 4132, 4148, 4150, 4206, 4216, 4221, 4222, 4223, 4227, 4231, 4232, 4233, 4234, 4236, 4238, 4248, 4250, 4251, 4303, 4320, 4323, 4331, 4332, 4333, 4334, 4335, 4337, 4338, 4343, 4350, 4403, 4406, 4416, 4423, 4424, 4425, 4427, 4431, 4432, 4434, 4448, 4450, 4504, 4510, 4516, 4518, 4524, 4531, 4532, 4535, 5106, 5112, 5116, 5120, 5124, 5127, 5138, 5140, 5145, 5147, 5151, 5212, 5214, 5220, 5221, 5224, 5235, 5236, 5240, 5241, 5245, 5248, 5251, 5401, 5406, 5412, 5414, 5416, 5417, 5420, 5422, 5440, 5445, 5448, 5502, 5503, 5505, 5510, 5512, 5517, 5520, 5527, 5539, 5540, 5544, 5545

Global Change

1525, 1532, 1546, 1602, 1614, 1625, 1643, 1646, 2102, 2121, 2151, 2206, 2211, 2246, 2249, 2250, 2251, 2402, 2405, 2433, 2437, 2449, 2450, 2451, 2505, 2519, 2532, 3108, 3109, 3116, 3121, 3125, 3137, 3139, 3141, 3204, 3208, 3211, 3220, 3221, 3223, 3233, 3235, 3237, 3239, 3422, 3433, 3437, 3503, 3507, 3509, 3523, 3536, 3537, 3551, 3612, 3616, 3632, 3636, 3637, 3641, 3648, 4103, 4107, 4122, 4132, 4135, 4149, 4151, 4203, 4225, 4237, 4241, 4244, 4311, 4321, 4336, 4337, 4344, 4409, 4418, 4436, 4440, 4503, 4505, 4536, 4537, 4540, 5102, 5111, 5122, 5123, 5127, 5130, 5132, 5145, 5151, 5202, 5211, 5216, 5222, 5223, 5235, 5427, 5431, 5449, 5501, 5507, 5509, 5525

TOPICAL INDEX

Hazards

1508, 1512, 1525, 1531, 1546, 1604, 1606, 1638, 1639, 1646, 2106, 2119, 2135, 2235, 2251, 2402, 2404, 2433, 2437, 2451, 2501, 2505, 2551, 3105, 3112, 3120, 3133, 3139, 3207, 3211, 3444, 3448, 3502, 3515, 3516, 3523, 3540, 3541, 3551, 3608, 3616, 3622, 3633, 3636, 3644, 4103, 4119, 4120, 4124, 4133, 4203, 4224, 4251, 4303, 4324, 4401, 4406, 4427, 4437, 4440, 4524, 4531, 4536, 4537, 5116, 5127, 5131, 5132, 5207, 5227, 5231, 5232, 5235, 5401, 5414, 5417, 5427, 5435, 5444, 5502, 5519, 5527

Historical Geography

1501, 1503, 1505, 1522, 1523, 1532, 1545, 1606, 1610, 1615, 1637, 2107, 2110, 2122, 2136, 2146, 2207, 2208, 2219, 2220, 2222, 2236, 2238, 2245, 2246, 2401, 2416, 2418, 2420, 2430, 2435, 2441, 2524, 2539, 2541, 2550, 3104, 3122, 3132, 3143, 3144, 3145, 3147, 3240, 3243, 3245, 3403, 3406, 3410, 3424, 3433, 3435, 3436, 3451, 3517, 3527, 3532, 3547, 3550, 3611, 3620, 3623, 3650, 4104, 4108, 4109, 4115, 4119, 4130, 4134, 4144, 4145, 4151, 4202, 4215, 4220, 4249, 4251, 4316, 4322, 4327, 4340, 4347, 4401, 4415, 4435, 4519, 4535, 4541, 5108, 5121, 5123, 5131, 5140, 5141, 5151, 5201, 5220, 5222, 5239, 5240, 5247, 5405, 5407, 5417, 5419, 5421, 5424, 5435, 5437, 5440, 5449, 5516, 5517, 5521, 5527, 5533, 5536, 5540, 5541, 5547

Immigration/Transnationalism

1502, 1521, 1524, 1537, 1545, 1602, 1606, 1630, 1634, 1639, 2107, 2116, 2122, 2123, 2124, 2136, 2148, 2217, 2241, 2416, 2436, 2448, 2519, 3103, 3107, 3119, 3140, 3143, 3203, 3207, 3240, 3406, 3431, 3439, 3501, 3507, 3515, 3539, 3543, 3601, 4102, 4105, 4127, 4136, 4151, 4219, 4316, 4319, 4340, 4344, 4415, 4420, 4435, 4438, 4447, 4525, 5108, 5116, 5118, 5119, 5137, 5218, 5219, 5239, 5243, 5245, 5418, 5421, 5425, 5450, 5525

Indigenous Peoples

1510, 1601, 1614, 1630, 1632, 1641, 2136, 2138, 2207, 2222, 2245, 2430, 2446, 2501, 3107, 3150, 3205, 3218, 3232, 3239, 3240, 3250, 3406, 3423, 3532, 3539, 3624, 4102, 4104, 4125, 4127, 4147, 4151, 4202, 4206, 4227, 4320, 4327, 4333, 4337, 4346, 4527, 4534, 5111, 5204, 5208, 5241, 5403, 5405, 5419, 5427, 5441, 5549

Land Use

1503, 1508, 1512, 1522, 1527, 1536, 1543, 1546, 1549, 1604, 1606, 1612, 1615, 1621, 1624, 1625, 1632, 1637, 1641, 1643, 2103, 2108, 2111, 2133, 2135, 2141, 2149, 2202, 2208, 2211, 2212, 2220, 2235, 2237, 2241, 2249, 2251, 2402, 2404, 2405, 2411, 2412, 2420, 2427, 2435, 2439, 2440, 2449, 2451, 2505, 2516, 2533, 2535, 2536, 2540, 2541, 2549, 2551, 3109, 3114, 3133, 3139, 3143, 3144, 3204, 3206, 3211, 3214, 3233, 3234, 3244, 3245, 3251, 3422, 3432, 3433, 3437, 3440, 3441, 3446, 3451, 3510, 3515, 3532, 3540, 3541, 3620, 3637, 3640, 3648, 4109, 4116, 4122, 4132, 4134, 4146, 4149, 4151, 4216, 4218, 4220, 4223, 4230, 4244, 4246, 4325, 4332, 4333, 4336, 4344, 4401, 4402, 4403, 4410, 4423, 4431, 4432, 4434, 4448, 4503, 4510, 4527, 4532, 4543, 5101, 5109, 5123, 5127, 5133, 5141, 5146, 5147, 5206, 5222, 5241, 5244, 5401, 5415, 5422, 5444, 5449, 5502, 5510, 5514, 5515, 5521, 5527, 5533, 5538, 5541, 5544, 5549

TOPICAL INDEX

Latin America

1503, 1536, 1545, 1601, 1606, 1615, 1625, 1631, 1641, 2104, 2111, 2116, 2130, 2138, 2204, 2211, 2224, 2241, 2248, 2251, 2411, 2433, 2436, 2451, 2503, 2519, 2541, 2551, 3107, 3114, 3119, 3120, 3127, 3134, 3139, 3140, 3143, 3145, 3147, 3150, 3207, 3209, 3214, 3216, 3230, 3232, 3233, 3234, 3239, 3245, 3250, 3251, 3403, 3419, 3431, 3433, 3449, 3451, 3504, 3505, 3523, 3532, 3539, 3551, 3641, 3643, 4102, 4105, 4118, 4119, 4144, 4146, 4147, 4149, 4209, 4227, 4230, 4233, 4244, 4247, 4310, 4320, 4325, 4332, 4333, 4344, 4346, 4431, 4443, 4525, 4534, 4547, 5111, 5130, 5141, 5143, 5204, 5208, 5212, 5214, 5216, 5238, 5241, 5407, 5415, 5440, 5441, 5508, 5535, 5537, 5541, 5549

Medical Geography

1504, 1516, 1539, 1540, 1545, 1604, 1631, 1635, 1640, 1645, 2106, 2123, 2125, 2145, 2205, 2219, 2236, 2406, 2408, 2439, 2448, 2504, 2524, 2537, 2548, 3210, 3230, 3416, 3417, 3516, 3524, 3616, 3633, 3641, 4102, 4133, 4138, 4144, 4238, 4249, 4251, 4320, 4338, 4339, 4405, 4425, 4431, 4450, 4516, 4531, 5112, 5124, 5138, 5151, 5223, 5236, 5248, 5401, 5403, 5405, 5414, 5501, 5502, 5541, 5549

Middle East

1536, 1549, 2133, 2134, 2146, 2236, 2238, 2404, 3130, 3432, 3447, 3601, 3610, 4146, 4214, 4233, 4314, 5114, 5139, 5147, 5149, 5222, 5243, 5424

Migration

1504, 1521, 1522, 1524, 1534, 1537, 1545, 1549, 1606, 2116, 2123, 2124, 2130, 2246, 2446, 3107, 3119, 3207, 3415, 3505, 3605, 3623, 4118, 4151, 4219, 4239, 4251, 4309, 4316, 4319, 4340, 4403, 4415, 4420, 4434, 4525, 4550, 5109, 5118, 5119, 5133, 5146, 5149, 5151, 5209, 5218, 5219, 5233, 5251, 5421, 5548, 5549

Military Geography

1616, 2218, 2246, 2514, 3140, 3447, 3610, 4121, 4214, 4221, 4233, 4251, 4314, 4322, 4343, 4547, 5143, 5147, 5247, 5440, 5547

Mountains

1508, 1548, 1621, 1632, 2102, 2106, 2135, 2150, 2233, 2251, 2433, 2451, 2546, 2550, 2551, 3105, 3121, 3133, 3205, 3209, 3237, 3250, 3251, 3409, 3420, 3508, 3509, 3512, 3517, 3523, 3533, 3536, 3540, 3636, 3637, 3648, 4106, 4107, 4124, 4135, 4224, 4225, 4227, 4237, 4249, 4310, 4324, 4325, 4337, 4424, 4438, 4537, 4540, 4541, 5102, 5107, 5110, 5122, 5206, 5207, 5210, 5211, 5232, 5407, 5410, 5444, 5503, 5508, 5531, 5537, 5544

Planning

1504, 1505, 1507, 1511, 1512, 1516, 1521, 1522, 1535, 1612, 1615, 1630, 1633, 1639, 2105, 2107, 2108, 2112, 2119, 2121, 2130, 2134, 2135, 2145, 2146, 2149, 2204, 2205, 2212, 2215, 2216, 2239, 2240, 2246, 2248, 2249, 2251, 2412, 2427, 2435, 2439, 2449, 2502, 2535, 2549, 3102, 3112, 3114, 3119, 3127, 3135, 3138, 3140, 3143, 3205, 3206, 3212, 3214, 3220, 3241, 3251, 3407, 3410, 3440, 3441, 3451, 3510, 3522, 3605, 3640, 3646, 4106, 4108, 4116, 4119, 4123, 4134, 4136, 4148, 4151, 4202, 4206, 4220, 4222, 4223, 4225, 4234, 4235, 4246, 4247, 4305, 4320, 4334, 4336, 4345, 4406, 4408, 4432, 4436, 4506, 4520, 4523, 4524, 5101, 5120, 5124, 5127, 5138, 5151, 5201, 5222, 5233, 5244, 5401, 5404, 5406, 5412, 5422, 5502, 5503, 5505, 5512, 5520, 5521, 5527

TOPICAL INDEX

Political Geography

1501, 1506, 1524, 1535, 1537, 1608, 1610, 1611, 1612, 1614, 1616, 1631, 1637, 2104, 2107, 2110, 2115, 2118, 2119, 2122, 2124, 2125, 2133, 2134, 2136, 2138, 2145, 2211, 2215, 2216, 2217, 2218, 2225, 2236, 2238, 2245, 2246, 2401, 2404, 2410, 2411, 2419, 2423, 2424, 2436, 2514, 2520, 2524, 2539, 2541, 2548, 3102, 3107, 3116, 3122, 3135, 3138, 3140, 3144, 3145, 3146, 3147, 3206, 3207, 3216, 3218, 3219, 3220, 3222, 3230, 3234, 3240, 3241, 3245, 3246, 3248, 3249, 3403, 3406, 3410, 3419, 3435, 3439, 3441, 3449, 3451, 3501, 3506, 3514, 3518, 3519, 3530, 3539, 3543, 3601, 3609, 3610, 3623, 3646, 4102, 4105, 4111, 4112, 4125, 4136, 4141, 4147, 4151, 4202, 4205, 4209, 4214, 4218, 4230, 4235, 4241, 4245, 4246, 4247, 4314, 4315, 4318, 4321, 4322, 4325, 4336, 4339, 4340, 4343, 4344, 4345, 4346, 4347, 4408, 4409, 4411, 4423, 4433, 4447, 4508, 4511, 4518, 4519, 4520, 4525, 4527, 4536, 4547, 4550, 5103, 5107, 5108, 5118, 5119, 5125, 5132, 5137, 5139, 5143, 5146, 5148, 5149, 5201, 5204, 5217, 5218, 5225, 5238, 5243, 5246, 5418, 5424, 5425, 5436, 5438, 5448, 5449, 5503, 5516, 5536, 5538

Population

1524, 1532, 1534, 1537, 1540, 1549, 1608, 1610, 1639, 1640, 2130, 2145, 2201, 2230, 2239, 2241, 2251, 2416, 2425, 2446, 2512, 3103, 3117, 3203, 3204, 3212, 3215, 3405, 3417, 3427, 3451, 3505, 3605, 3633, 4112, 4144, 4145, 4148, 4151, 4219, 4222, 4233, 4243, 4245, 4251, 4309, 4316, 4319, 4405, 4420, 4435, 4525, 5109, 5112, 5120, 5122, 5138, 5140, 5146, 5148, 5149, 5151, 5209, 5236, 5245, 5246, 5420, 5548, 5549

Recreational Geography

1612, 2105, 2224, 2251, 2420, 2551, 3132, 3222, 3520, 3620, 4106, 4151, 4206, 4223, 4233, 4243, 4246, 4306, 4401, 4510, 5114, 5151, 5251, 5404, 5444

Regional Geography

1507, 1525, 1608, 1636, 1645, 2108, 2110, 2112, 2118, 2136, 2207, 2215, 2220, 2222, 2237, 2239, 2246, 2251, 2409, 2435, 2447, 2507, 2527, 2546, 3127, 3134, 3219, 3220, 3221, 3403, 3407, 3451, 3519, 3520, 3522, 3550, 3602, 3614, 3623, 3646, 4127, 4136, 4151, 4206, 4216, 4218, 4241, 4245, 4303, 4307, 4314, 4322, 4333, 4340, 4401, 4433, 4434, 4445, 4447, 4511, 4517, 4520, 4544, 5107, 5120, 5122, 5239, 5246, 5251, 5420, 5438, 5510, 5516, 5525, 5539

Religion

1615, 1634, 2207, 2218, 2236, 2425, 2520, 3138, 3147, 3430, 3431, 3447, 3547, 4118, 4151, 4219, 4220, 4245, 4435, 5201, 5240, 5404, 5418, 5436, 5515

Remote Sensing

1508, 1510, 1511, 1512, 1522, 1531, 1536, 1603, 1614, 1616, 1617, 1621, 1624, 1632, 1643, 2102, 2103, 2111, 2120, 2130, 2133, 2139, 2140, 2149, 2202, 2206, 2208, 2211, 2235, 2247, 2251, 2405, 2407, 2411, 2433, 2440, 2451, 2505, 2525, 2540, 2549, 2551, 3105, 3111, 3121, 3211, 3215, 3221, 3233, 3244, 3251, 3420, 3422, 3433, 3444, 3448, 3533, 3541, 3544, 3548, 3551, 3612, 3617, 3641, 3648, 4109, 4115, 4121, 4143, 4149, 4151, 4224, 4231, 4251, 4305, 4324, 4331, 4333, 4335, 4337, 4344, 4345, 4406, 4410, 4424, 4431, 4437, 4444, 5107, 5123, 5133, 5141, 5206, 5212, 5216, 5222, 5232, 5236, 5241, 5251, 5403, 5412, 5415, 5416, 5422, 5510, 5533, 5544

TOPICAL INDEX

Resources

1506, 1522, 1632, 2105, 2108, 2134, 2141, 2151, 2221, 2222, 2233, 2247, 2249, 2441, 2533, 2546, 2551, 3144, 3150, 3205, 3208, 3233, 3251, 3401, 3432, 3433, 3440, 3448, 3609, 3633, 4134, 4151, 4227, 4325, 4406, 4434, 4524, 4527, 4534, 5137, 5202, 5204, 5206, 5222, 5237, 5240, 5441, 5444, 5510, 5519

Rural Geography

1522, 1523, 1524, 1532, 1534, 1545, 1610, 1625, 1631, 1639, 2111, 2125, 2201, 2223, 2224, 2225, 2251, 2412, 2435, 2448, 2449, 2501, 2551, 3107, 3135, 3143, 3218, 3235, 3244, 3245, 3403, 3405, 3406, 3417, 3436, 3440, 3441, 3504, 3505, 3506, 3515, 3540, 3605, 3620, 3623, 3624, 3640, 3643, 4109, 4118, 4122, 4146, 4206, 4233, 4243, 4246, 4302, 4307, 4325, 4327, 4334, 4402, 4427, 4448, 4502, 4519, 4541, 4543, 5109, 5114, 5135, 5137, 5151, 5201, 5209, 5217, 5218, 5238, 5422, 5501, 5514, 5521, 5537, 5538

Russia

1506, 2220, 2418, 2546, 3504, 3546, 4214, 4251, 4341, 4519, 5146, 5206, 5424

Social Geography

1505, 1506, 1523, 1524, 1530, 1532, 1535, 1539, 1601, 1611, 1612, 1631, 1633, 1645, 2115, 2116, 2121, 2124, 2125, 2130, 2138, 2145, 2146, 2148, 2205, 2212, 2219, 2220, 2221, 2224, 2225, 2240, 2247, 2248, 2401, 2408, 2419, 2420, 2424, 2425, 2436, 2446, 2447, 2448, 2451, 2509, 2524, 2539, 2548, 3102, 3103, 3117, 3124, 3127, 3138, 3140, 3145, 3148, 3149, 3216, 3222, 3224, 3238, 3239, 3240, 3241, 3244, 3245, 3249, 3405, 3410, 3415, 3419, 3427, 3431, 3436, 3441, 3449, 3451, 3501, 3504, 3515, 3517, 3518, 3524, 3539, 3543, 3546, 3550, 3623, 3624, 3650, 4108, 4118, 4130, 4138, 4145, 4151, 4206, 4209, 4219, 4220, 4222, 4225, 4230, 4232, 4235, 4238, 4239, 4249, 4309, 4315, 4318, 4320, 4322, 4333, 4338, 4339, 4345, 4402, 4403, 4416, 4418, 4438, 4444, 4445, 4447, 4516, 4520, 4536, 4538, 4550, 5108, 5116, 5118, 5119, 5121, 5125, 5139, 5151, 5201, 5208, 5212, 5214, 5217, 5218, 5219, 5223, 5225, 5233, 5237, 5239, 5244, 5245, 5418, 5425, 5437, 5450, 5549

Spatial Analysis & Modeling

1503, 1504, 1508, 1510, 1512, 1516, 1534, 1535, 1536, 1540, 1543, 1603, 1604, 1605, 1614, 1615, 1617, 1621, 1624, 1633, 1635, 1640, 2103, 2105, 2106, 2111, 2115, 2119, 2120, 2121, 2132, 2133, 2135, 2139, 2149, 2201, 2203, 2206, 2208, 2211, 2212, 2219, 2221, 2222, 2233, 2235, 2239, 2240, 2251, 2403, 2405, 2408, 2419, 2425, 2430, 2439, 2440, 2451, 2503, 2504, 2507, 2530, 2535, 2536, 2537, 2540, 2551, 3105, 3120, 3123, 3133, 3139, 3146, 3203, 3204, 3210, 3214, 3215, 3223, 3235, 3251, 3403, 3408, 3409, 3416, 3417, 3420, 3422, 3433, 3444, 3448, 3451, 3510, 3522, 3527, 3541, 3548, 3551, 3617, 3619, 3622, 3627, 3633, 3641, 3648, 4112, 4120, 4121, 4122, 4124, 4132, 4138, 4149, 4150, 4205, 4211, 4216, 4221, 4222, 4231, 4232, 4233, 4234, 4236, 4248, 4249, 4251, 4323, 4324, 4331, 4332, 4335, 4343, 4403, 4410, 4416, 4420, 4423, 4425, 4431, 4432, 4434, 4437, 4444, 4448, 4450, 4510, 4516, 4518, 4523, 4527, 4531, 4532, 5102, 5110, 5112, 5120, 5138, 5140, 5144, 5151, 5220, 5221, 5224, 5239, 5240, 5245, 5248, 5412, 5414, 5415, 5416, 5417, 5420, 5422, 5431, 5448, 5503, 5505, 5507, 5510, 5512, 5515, 5520, 5531, 5540, 5544, 5547, 5548

TOPICAL INDEX

Third World

1521, 1606, 1636, 1639, 2107, 2148, 2215, 2223, 2225, 2246, 2248, 2436, 2514, 2527, 3120, 3143, 3146, 3216, 3220, 3238, 3246, 3430, 3439, 3446, 3504, 3514, 3530, 3543, 3546, 3643, 4116, 4144, 4147, 4207, 4247, 4331, 4339, 4344, 4406, 4415, 4416, 4508, 5118, 5133, 5149, 5151, 5212, 5214, 5233, 5251, 5420, 5503, 5519, 5536, 5538

Tourism

1521, 1601, 1606, 1608, 1625, 1630, 1643, 2207, 2238, 2245, 2410, 2418, 2420, 2537, 2551, 3119, 3132, 3135, 3147, 3150, 3205, 3243, 3435, 3440, 3451, 3520, 3524, 3543, 3620, 3643, 4106, 4151, 4206, 4230, 4233, 4243, 4244, 4251, 4306, 4315, 4438, 4447, 4506, 4538, 5105, 5107, 5114, 5214, 5404, 5510, 5549

Transportation Geography

1504, 1510, 1521, 1534, 1637, 2103, 2108, 2112, 2115, 2145, 2201, 2205, 2439, 2527, 3215, 3219, 3451, 3503, 3522, 3537, 3541, 3551, 3603, 3619, 3638, 4123, 4148, 4149, 4222, 4223, 4233, 4248, 4315, 4323, 4333, 4348, 4416, 4423, 4448, 4450, 4508, 4516, 4523, 5116, 5127, 5144, 5147, 5221, 5224, 5406, 5440, 5448, 5505, 5512

Urban Geography

1505, 1507, 1511, 1512, 1521, 1524, 1527, 1530, 1532, 1534, 1535, 1547, 1601, 1604, 1605, 1610, 1612, 1615, 1624, 1630, 1631, 1633, 1634, 1636, 1637, 1643, 1647, 2104, 2107, 2112, 2115, 2121, 2125, 2130, 2132, 2135, 2145, 2146, 2148, 2149, 2206, 2212, 2215, 2216, 2220, 2225, 2230, 2235, 2238, 2240, 2245, 2251, 2401, 2402, 2406, 2410, 2412, 2416, 2418, 2419, 2427, 2430, 2435, 2440, 2447, 2448, 2451, 2502, 2509, 2516, 2519, 2524, 2525, 2527, 2532, 2535, 2539, 2540, 2541, 2548, 3102, 3103, 3104, 3112, 3114, 3116, 3117, 3127, 3131, 3138, 3140, 3146, 3148, 3149, 3203, 3206, 3212, 3214, 3216, 3218, 3219, 3222, 3234, 3241, 3244, 3245, 3246, 3249, 3405, 3407, 3418, 3427, 3430, 3433, 3436, 3439, 3441, 3446, 3451, 3501, 3505, 3506, 3514, 3515, 3522, 3546, 3550, 3601, 3605, 3609, 3633, 3646, 3650, 4112, 4116, 4119, 4120, 4122, 4144, 4145, 4148, 4149, 4202, 4207, 4209, 4214, 4218, 4219, 4221, 4222, 4223, 4230, 4232, 4235, 4238, 4245, 4246, 4247, 4248, 4251, 4305, 4309, 4311, 4315, 4316, 4318, 4319, 4322, 4323, 4333, 4334, 4338, 4344, 4345, 4346, 4403, 4408, 4409, 4416, 4418, 4435, 4444, 4445, 4506, 4508, 4511, 4516, 4519, 4520, 4523, 4525, 4535, 4538, 4546, 4550, 5101, 5116, 5120, 5121, 5124, 5127, 5130, 5133, 5135, 5137, 5144, 5146, 5148, 5151, 5201, 5208, 5219, 5220, 5225, 5227, 5233, 5236, 5239, 5240, 5243, 5244, 5245, 5251, 5401, 5406, 5414, 5420, 5421, 5425, 5440, 5448, 5449, 5450, 5502, 5512, 5520, 5521, 5525, 5533, 5539

Water Resources

1503, 1508, 1512, 1527, 1546, 1548, 1603, 1616, 2103, 2104, 2137, 2140, 2149, 2202, 2203, 2204, 2223, 2237, 2249, 2251, 2433, 2437, 2449, 2450, 2451, 2507, 2508, 2532, 2533, 2534, 2549, 2550, 3123, 3125, 3133, 3134, 3208, 3223, 3237, 3251, 3410, 3420, 3451, 3548, 3551, 3608, 3617, 3622, 4107, 4110, 4120, 4124, 4133, 4135, 4143, 4210, 4215, 4224, 4251, 4310, 4335, 4337, 4406, 4410, 4427, 4437, 4443, 4448, 4503, 4510, 4524, 4535, 5101, 5110, 5122, 5130, 5135, 5146, 5204, 5207, 5210, 5216, 5223, 5232, 5235, 5237, 5251, 5410, 5419, 5431, 5435, 5441, 5445, 5508, 5512, 5514, 5515, 5517, 5519, 5535, 5536, 5544

TOPICAL INDEX

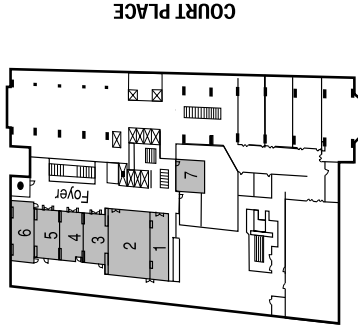
Women

1517, 1602, 1630, 1640, 2123, 2124, 2205, 2223, 2224, 2236, 2248, 2416, 2423, 2441, 2448, 2520, 3124, 3224, 3415, 3424, 3504, 3524, 4127, 4151, 4239, 4244, 4339, 4346, 4405, 4415, 4538, 5119, 5209, 5233, 5406, 5421, 5508, 5516

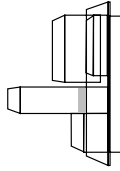
Tower Building

Plaza Building

Mezzanine Level



Mezzanine Level

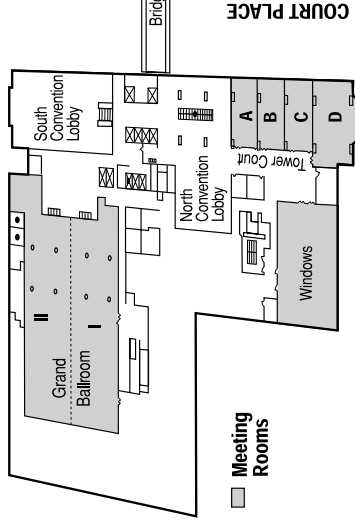


Meeting Rooms

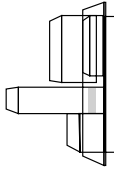
1. Colorado
2. Silver
3. Gold
4. Century
5. Spruce
6. Denver
7. Aspen

- Elevators
- Freight Elevators
- Handicapped Elevators
- Restrooms
- Stairwell
- Escalators

Second Level



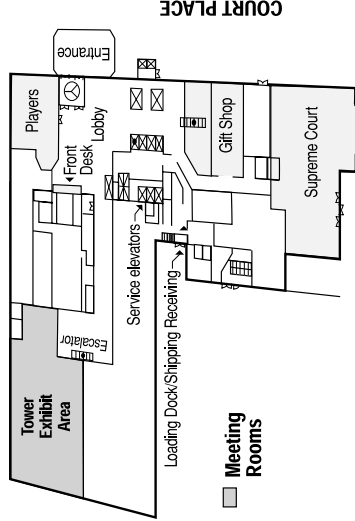
Second Level



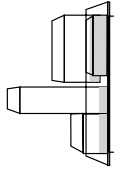
Grand Ballroom
Tower Court A-D
Windows

Buildings connect on Second Level (2)

Ground Level

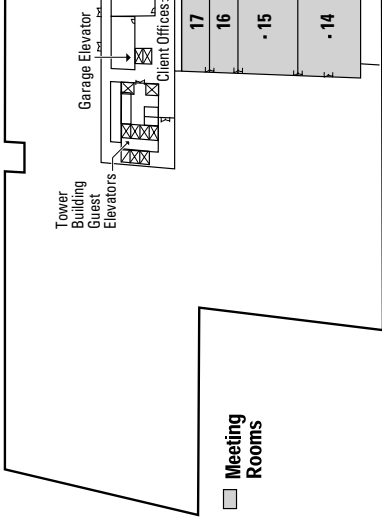


Ground Level

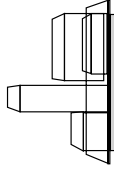


Directors Row E-J
Escalator to Terrace and Majestic Levels

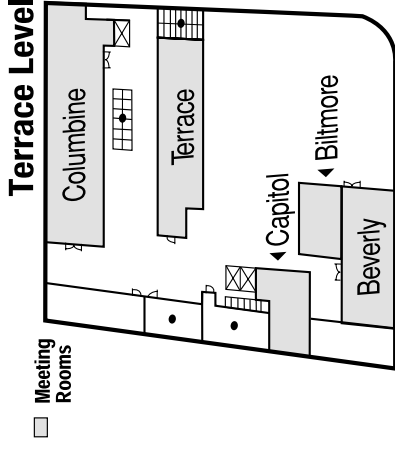
Concourse Level



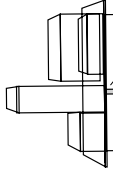
Concourse Level



Plaza Ballroom
Governor's Square 9-17
Plaza Court 1-8
Buildings connect underground on Concourse Level (C)

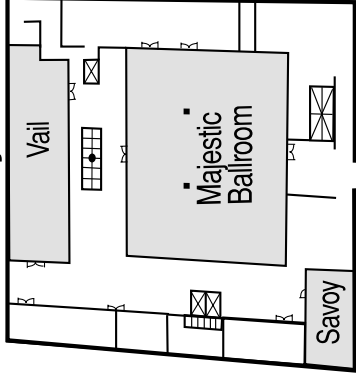


Terrace and Majestic Levels



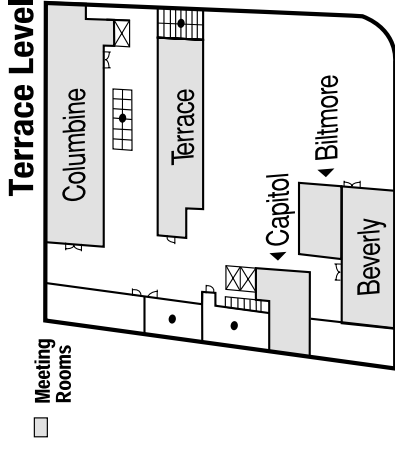
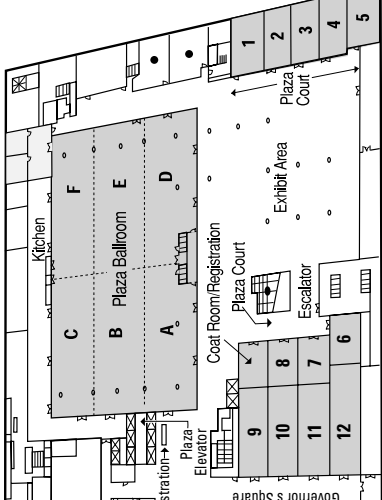
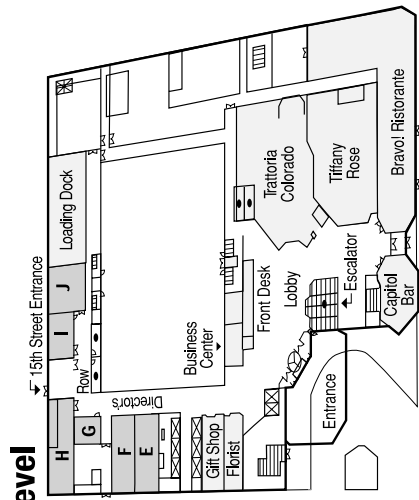
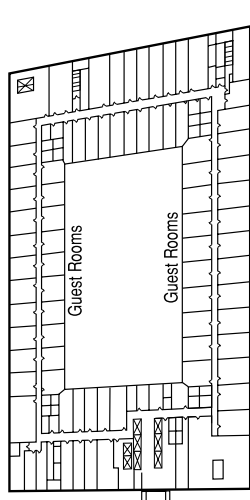
Beverly
Biltmore
Capitol
Columbine
Terrace

Majestic Level

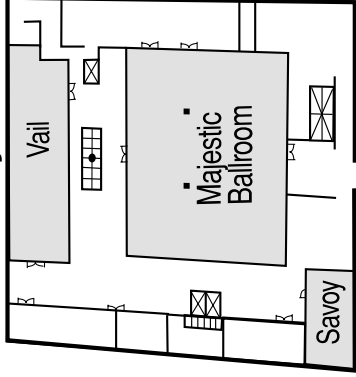


Majestic Level

Majestic Ballroom
Savoy
Vail



Majestic Level



adam's mark

the hotel of denver

1550 Court Place • Denver, CO 80202
303-893-3333 • FAX 303-626-2542

Group Events 800-444-MEET

www.adamsmark.com/denver

Wiley and Rand McNally

Together we bring you the best in geography education!

Few publishers can claim as long-standing a commitment to geography education as John Wiley & Sons, Inc. and Rand McNally.

Introducing a series of new course-specific atlases

Now, Wiley and Rand McNally are proud to introduce a series of new course-specific atlases, which can be packaged with any of Wiley's best-selling textbooks.

Rand McNally,
Goode's Atlas of Physical Geography
0-471-70693-0, 344 Pages, Paper,
©2006

Rand McNally,
Goode's Atlas of Human Geography
0-471-70692-2, 162 Pages, Paper,
©2006

Rand McNally,
Goode's Atlas of Political Geography
0-471-70694-9, 144 Pages, Paper,
©2006

Rand McNally,
Goode's Atlas of Urban Geography
0-471-70695-7, 112 Pages, Paper,
©2006

Rand McNally,
Goode's Atlas of North America
0-471-70696-5, 80 Pages, Paper,
©2006

Rand McNally,
Goode's Atlas of Latin America
0-471-70697-3, 24 Pages, Paper,
©2006

Rand McNally,
Goode's Atlas of Asia
0-471-70699-X, 40 Pages, Paper, ©2006

Also Available:

Rand McNally,
Goode's World Atlas, 21st edition
0-471-70762-7, 370 Pages, Paper,
©2005



For more information about this new series, talk to your Wiley sales representative, or email us at science@wiley.com.

js/se 5-01513

Prentice Hall Geography

Prentice Hall works closely with the geography community to develop resources that help your students succeed.

New in 2005

Geosystems: An Introduction to Physical Geography, 6/E

Robert W. Christopherson
© 2006, 752 pp., cloth (0-13-153117-4)

Urbanization: An Introduction to Urban Geography, 2/E

Paul L. Knox, Linda McCarthy
© 2005, 608 pp., cloth (0-13-142450-5)

Exploring the Urban Community: A GIS Approach

Richard P. Greene, James B. Pick
© 2006, 350 pp., cloth (0-13-017576-5)

Diversity Amid Globalization: World Regions, Environment, Development, 3/E

Lester Rowntree, Martin Lewis, Marie Price, William Wyckoff
© 2006, 688 pp., cloth (0-13-133046-2)

The World Economy: Resource, Location, Trade, and Development, 4/E

Frederick P. Stutz, Barney Warf
© 2005, 720 pp., cloth (0-13-147804-4)

Prentice Hall Animation and Video

Please visit us at booth 400 to take a look at Prentice Hall's new world geography video series—and to see the latest updates and additions to our Geoscience Animation program!

Visit Prentice Hall
at booth 400, or visit
www.prenhall.com/geography

PEARSON
Prentice
Hall