

Paper Sessions

Paper Session:

2546 Geographies of Energy Vulnerability and Resilience

is scheduled on Wednesday, 4/13/2011, from 2:40 PM - 4:20 PM in 2A - Washington State Convention Center, Level 2

Sponsorship(s):

Energy and Environment Specialty Group

Organizer(s):

[Rosie Day](#) - University of Birmingham

[Conor Harrison](#) - East Carolina University

Chair(s):

[Gordon Walker](#) - LANCASTER UNIVERSITY

Abstract(s):

2:40 PM Author(s): *Rosie Day, PhD - University of Birmingham UK

*Gordon Walker - LANCASTER UNIVERSITY

Abstract Title: [*Under-consuming energy?: conceptualising energy vulnerability in everyday life*](#)

3:00 PM Author(s): *Conor M. Harrison - University of North Carolina at Chapel Hill

Abstract Title: [*"Their bills are just different": Tracing the uneven landscape of electricity provision in eastern North Carolina*](#)

3:20 PM Author(s): *Holly Jean Buck, MSc Candidate - Lund University

Abstract Title: [*Popular Resilience: Performing "preparedness" for low-energy futures*](#)

3:40 PM Author(s): *Bernd Möller, PhD - Aalborg University

Abstract Title: [*Managing Energy Vulnerability and Resilience For Rural Communities in Northern Denmark By Means of Energy Atlases*](#)

4:00 PM Author(s): *Sara Fuller - Durham University

Harriet Bulkeley - Durham University

Abstract Title: [Understanding future energy vulnerability under climate change](#)

Session Description: In this session we wish to consider what can make households of different forms and in different places vulnerable or resilient to the consequences of insufficient or insecure access to energy and explore some fundamental questions of conceptualisation and definition. The impacts of what is generally in a European context called 'fuel poverty' or 'energy poverty' and in the US addressed through 'weatherisation' and 'energy assistance' programmes, are taken to be attenuated health and wellbeing, but can extend into more various valued dimensions of everyday living and can constrain the achievement of various key capabilities and functionings that constitute a good and flourishing life. Vulnerability is a widely applied concept across a number of different fields of study and policy - natural hazards, climate change, poverty and development in particular. It has not however been used very directly or systematically within energy research. Resilience can be addressed by focusing on conditions of supply, but coping and adapting to changing conditions may well be more about the way functionings and services constitute energy demand. This involves interacting with culture, as well as the technical materiality of the home and its performance. Our aim in this session is to take forward appreciation of how vulnerability and resilience are manifest with respect to energy issues and through enriched conceptual understanding, how they may be addressed.

Paper Session:

3114 Paradoxes of Value in the Green Economy I

is scheduled on Thursday, 4/14/2011, from 8:00 AM - 9:40 AM in 614 - Washington State Convention Center, Level 6

Sponsorship(s):

Energy and Environment Specialty Group
Economic Geography Specialty Group
Human Dimensions of Global Change Specialty Group

Organizer(s):

[Sarah Knuth](#) - UC - Berkeley
[Adam Romero](#) - University of California Berkeley

Chair(s):

[Adam Romero](#) - University of California Berkeley

Abstract(s):

8:00 AM Author(s): *Sarah Knuth - UC - Berkeley

Abstract Title: [FIRE and Urban Land Rent in the Green Economy](#)

8:20 AM Author(s): *Jason W. Moore, PhD - Umeå University

Abstract Title: [*Ecology and the accumulation of capital: The production of nature in the capitalist world-ecology, 1450-2010*](#)

8:40 AM Author(s): *Jesse Goldstein - City University of New York

Abstract Title: [*Anti-Capitalist Green Capitalists Re-Valuing Nature*](#)

9:00 AM Author(s): *Daniel Buck - University of Oregon

Abstract Title: [*The Ecological Question and the Accumulation of Capital*](#)

9:20 AM Discussant: [Adam Romero](#) - University of California Berkeley

Discussant(s):

[Adam Romero](#) - University of California Berkeley

Session Description: States and finance capital have seized upon the green economy as insurance for the long-term future of capitalism and an explosion of new green products as a driver of a new material expansion. Yet many question whether global capital can muster the revolutionary changes to its productive forces needed to support a corresponding new wave of accumulation - particularly because, paradoxically, the new "green" commodities derive use value not from materiality but its converse: dematerialization, decarbonization, and reductions in energy and pollution intensity.

This session surveys the green economy's new forms of commodification and the rapidly expanding primary and secondary markets on which these commodities are traded. The session aims to question how these evolving technological and financial products force geographers to employ and to reexamine traditional Marxian concepts including value, the real economy, productive and unproductive labor, formal and real subsumption, and the spatial fix. How can we distinguish productive growth from speculative bubbles in commodities whose use value depends entirely upon fluctuating and uncertain regulatory policies, and for which accurate tests of value have not been devised? How and to what extent are booming financial markets translating into on-the-ground investment and developing spaces of the green economy, and what long-term future can we forecast for these places? Does this new wave of commodification mark the beginning of a new phase of material expansion through which ecological surplus is decoupled from capital accumulation, or merely the fitful dying struggles of the latest, and perhaps the last, cycle?

Paper Session:

3214 Paradoxes of Value in the Green Economy II

is scheduled on Thursday, 4/14/2011, from 10:00 AM - 11:40 AM in 614 - Washington State Convention Center, Level 6

Sponsorship(s):

Energy and Environment Specialty Group
Economic Geography Specialty Group
Human Dimensions of Global Change Specialty Group

Organizer(s):

[Sarah Knuth](#) - UC - Berkeley
[Adam Romero](#) - University of California Berkeley

Chair(s):

[Sarah Knuth](#) - UC - Berkeley

Abstract(s):

10:00 AM Author(s): *Adam Romero - University of California Berkeley

Abstract Title: [*Can Capitalism Survive? Sophisticated Accumulation at the Waste Frontier: Environmental Policy and the Production of Value*](#)

10:20 AM Author(s): *Diana Gildea - Lund University

Abstract Title: [*Food Security and Surviving the World Food System: producing & consuming food in the modern era*](#)

10:40 AM Author(s): *Shaina Potts - UC Berkeley Geography

Abstract Title: [*Petrodollar Recycling, Euromarkets and the Forging of Modern Finance*](#)

11:00 AM Author(s): *Alberto Velazquez - University of California, Berkeley

Abstract Title: [*The Financialization of Carbon and Theories of Money*](#)

11:20 AM Discussant: [Sarah Knuth](#) - UC - Berkeley

Paper Session:

4128 Environments/Bodies/Health/Food: Emerging Perspectives

is scheduled on Friday, 4/15/2011, from 8:00 AM - 9:40 AM in 305 - Washington State Convention Center, Level 3

Sponsorship(s):

Cultural and Political Ecology Specialty Group
Health and Medical Geography Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Julie Guthman](#) - Univ of California Santa Cruz
[Becky Mansfield](#) - Ohio State University

Chair(s):

[Becky Mansfield](#) - Ohio State University

Abstract(s):

8:00 AM Author(s): *Julie Guthman - Univ of California Santa Cruz

Abstract Title: [*Environmental Toxins and Fat Bodies: a Critical Political Ecology Approach*](#)

8:20 AM Author(s): *Aaron Bobrow-Strain - Whitman College

Abstract Title: [*Bodies in Revolt—Against What? Ambiguous Materialities in The Politics of Food Allergy, Intolerance, and Auto-Immune Disorder*](#)

8:40 AM Author(s): *Amy Zader, PhD Candidate - University of Colorado, Boulder

Abstract Title: [*Governing Bodies, Governing Grain: Chinese Technologies of Quality*](#)

9:00 AM Author(s): *Becky Mansfield - Ohio State University

Abstract Title: [*Contaminated environments, biosecurity, and risk: making fetal life live*](#)

9:20 AM Discussant: [Mathew Coleman](#) - Ohio State University

Session Description: Papers in one of two sessions employ political ecology, science studies, environmental history, feminist approaches, or other geographic perspectives on the interactions of environments, bodies, and health. Papers in this session will discuss food as a mediating factor between environments and health.

Paper Session:

4228 Environments/Bodies/Health/Toxins: Emerging Perspectives

is scheduled on Friday, 4/15/2011, from 10:00 AM - 11:40 AM in 305 - Washington State Convention Center, Level 3

Sponsorship(s):

Cultural and Political Ecology Specialty Group
Health and Medical Geography Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Julie Guthman](#) - Univ of California Santa Cruz

[Becky Mansfield](#) - Ohio State University

Chair(s):

[Julie Guthman](#) - Univ of California Santa Cruz

Abstract(s):

10:00 AM Author(s): *Paul Robbins - University of Arizona

Abstract Title: [*The Mosquito Industrial Complex: The Political Economy of Vector Disease Control in the US Southwest*](#)

10:20 AM Author(s): *Anna Stanley - National University of Ireland, Galway
Anna Stanley - NUI galway

Abstract Title: [*existence's unlucky numbers: accumulation, securitization, and the instrumentalization of differentiated life*](#)

10:40 AM Author(s): *Bhavna Shamasunder, Doctoral Candidate - University of California, Berkeley

Abstract Title: [*Chlorpyrifos Biomonitoring and the Scientization of Pesticide Debates*](#)

11:00 AM Author(s): *Kate J. Darby, Ph.D. - Allegheny College

Abstract Title: [*Lead Astray: Politics of Scale, Heavy Metals Regulation and the Body in Paso del Norte*](#)

11:20 AM Discussant: [Jill Lindsey Harrison](#) - University of Wisconsin-Madison

Paper Session:

2246 Perspectives on Urban Sprawl/New Urbanism, Sub-urban/Inner City Developments: Issues, Analysis and Critiques

is scheduled on Wednesday, 4/13/2011, from 10:00 AM - 11:40 AM in 2A - Washington State Convention Center, Level 2

Sponsorship(s):

Urban Geography Specialty Group
Regional Development and Planning Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Sun Hui Sim](#) - University of North Alabama
[Francis Koti](#) - University of North Alabama

Chair(s):

[Sun Hui Sim](#) - University of North Alabama

Abstract(s):

10:00 AM Author(s): *Enru Wang - University of North Dakota

Abstract Title: [*Administrative Restructuring and Urban Sprawl of Chinese Metropolis*](#)

10:20 AM Author(s): *Seth Thompson -
Sunhui Sim - University of North Alabama
Kathryn Ziewitz - University of Florida

Abstract Title: [*Spatial characteristics of new urbanism communities in Alabama: critics, measurement and implications.*](#)

10:40 AM Author(s): *Francis Koti - University of North Alabama

Abstract Title: [*Mitigating Urban Sprawl in Small Towns: The Case of Florence, AL*](#)

11:00 AM Author(s): *Sun Hui Sim - University of North Alabama

Abstract Title: [*Urban Sprawl and Land Use Regulation in the U.S.*](#)

Session Description: This session will provide a broad forum for applied and theoretical research on urban sprawl/new urbanism and sub-urban/inner city development in the World. Topics may include sustainability, smart growth, environmental issues, urban theory, spatial analysis, local economic development issues and land use planning among other things.

Paper Session:

1445 Tactics of Dispossession: Extraction, Accumulation, Control I

is scheduled on Tuesday, 4/12/2011, from 12:40 PM - 2:20 PM in 214 - Washington State Convention Center, Level 2

Sponsorship(s):

Cultural and Political Ecology Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Matthew Himley](#) - Illinois State University
[Tomas Frederiksen](#) - University of Toronto

Chair(s):

[Tomas Frederiksen](#) - University of Toronto

Abstract(s):

12:40 PM Author(s): *Nga Dao - York University

Abstract Title: [*Dam development in Vietnam - Dispossession by accumulation for socialist construction /neoliberalism*](#)

1:00 PM Author(s): *Miles Kenney-Lazar - Clark University

Abstract Title: [*Contested land: spaces of resource-led development in Laos*](#)

1:20 PM Author(s): *Keith Barney, Doctoral Candidate - Department of Geography, York University

Abstract Title: [*Arc-Light Eucalypts: Large Land Acquisitions and Spectacles of 'Sustainable Dispossession' Along the Ho Chi Minh Trail Zone of Southern Laos*](#)

1:40 PM Author(s): *Brent Z Kaup - College of William & Mary

Abstract Title: [*Elite Transitions and Spatialities of Power in Bolivia's Backlash Against Neoliberalism*](#)

2:00 PM Discussant: [Matthew Huber](#) - Syracuse University

Session Description: Expanded natural resource extraction regularly rests on processes of dispossession. Despite resistance from affected populations, dispossession is often successful. Indeed, as the ongoing global growth of extractive industries makes clear, extractive economies may be established and maintained either without or in spite of significant opposition from those marginalised and disempowered. This paper session explores the ideological, institutional and violent strategies used by powerful groups to maintain social and political order when promoting transformations that negatively impact the health, wellbeing and livelihood strategies of those living in extractive zones. Papers from historical and contemporary contexts investigate the tactics employed to minimise social and political opposition to capital accumulation through the expansion of extractive activities.

Paper Session:

1545 Tactics of Dispossession: Extraction, Accumulation, Control II

is scheduled on Tuesday, 4/12/2011, from 2:40 PM - 4:20 PM in 214 - Washington State Convention Center, Level 2

Sponsorship(s):

Cultural and Political Ecology Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Matthew Himley](#) - Illinois State University
[Tomas Frederiksen](#) - University of Toronto

Chair(s):

[Matthew Himley](#) - Illinois State University

Abstract(s):

2:40 PM Author(s): *Tomas Frederiksen - University of Toronto

Abstract Title: [*From agonising to authorising the 'natives' - tactics of dispossession in colonial Zambia*](#)

3:00 PM Author(s): *Marty G Otañez, Phd - Anthropology Department, University of Colorado Denver

Abstract Title: [Uranium Labor and the Political Ecology of Corporate Responsibility Schemes in Malawi](#)

3:20 PM Author(s): *Kuntala Lahiri-Dutt - The Australian National University

Abstract Title: [Feminist Critiques of Extractive Industries: Towards a New Agenda for Geographical Research](#)

3:40 PM Discussant: [Leah Horowitz](#) - Rutgers University

Paper Session:

1645 Tactics of Dispossession: Extraction, Accumulation, Control III

is scheduled on Tuesday, 4/12/2011, from 4:40 PM - 6:20 PM in 214 - Washington State Convention Center, Level 2

Sponsorship(s):

Cultural and Political Ecology Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Matthew Himley](#) - Illinois State University
[Tomas Frederiksen](#) - University of Toronto

Chair(s):

[Tomas Frederiksen](#) - University of Toronto

Abstract(s):

4:40 PM Author(s): *Matthew Himley - Illinois State University

Abstract Title: [Freeing land and controlling space: Mining and dispossession in Andean Peru](#)

5:00 PM Author(s): *Milagros Sosa, 90055427 - Wageningen University
Margreet Zwarteveen - Wageningen University

Abstract Title: [Negotiating and controlling water: The case of large mining industry in Cajamarca](#)

5:20 PM Author(s): *Claudio Garibay - CIGA-UNAM

Abstract Title: [All Take and No Give: Global Mining Companies' Practices of Dispossession and Territorial Domination in Mexico](#)

5:40 PM Author(s): *Justine Law - The Ohio State University

Abstract Title: ["We Have More Power Than You'd Think:" Private Landowners and the Struggle over Forestland in Appalachia](#)

6:00 PM Discussant: [Jeffrey Bury](#) - University of California, Santa Cruz

Paper Session:

2446 The Water - Energy Nexus

is scheduled on Wednesday, 4/13/2011, from 12:40 PM - 2:20 PM in 2A - Washington State Convention Center, Level 2

Sponsorship(s):

Water Resources Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Christopher Scott](#) - University of Arizona
[Joseph Hoover](#) - University of Denver

Chair(s):

[Christopher Scott](#) - University of Arizona

Abstract(s):

12:40 PM Author(s): *Laura J. Stroup - Texas State University
Michael Finewood - Old Dominion University

Abstract Title: [A Political Ecology of Hydraulic Fracturing for Natural Gas in Northeastern Pennsylvania's Marcellus Shale](#)

1:00 PM Author(s): *Hisham Zerriffi - Liu Institute for Global Issues, University of British Columbia
Raul Pacheco-Vega - Department of Political Science, University of British Columbia

Abstract Title: [The faces of Janus: Scrutinizing modern conceptualizations of water poverty and energy poverty](#)

1:20 PM Author(s): *Siree Diana Allers - University of Texas at Austin

Abstract Title: [Nor Any Drop to Drink: An Analysis of the Jordan Red Sea Project and](#)

[Reconciling Environmental Concerns with the Human Right to Water](#)

1:40 PM Author(s): *Rolf Sternberg - Montclair State University

Abstract Title: [Hydro-energy's Growing Role in the Global Energy Matrix](#)

2:00 PM Author(s): Susanna Eden - University of Arizona

*Christopher A. Scott - University of Arizona

Melissa Lamberton - University of Arizona

Sharon Megdal - University of Arizona

Abstract Title: [Energy Demand and Displaced Environmental Impacts of Long-Distance Water Conveyance: The Central Arizona Project's Water-Energy Nexus](#)

Session Description: Moderators:

Christopher Scott, Associate Professor, School of Geography & Development, University of Arizona (cascott@email.arizona.edu), and

Joseph H. Hoover, Ph.D. Student, Department of Geography, University of Denver (joseph.hoover@du.edu)

Abstract. New insights on the coupled resource linkages between water and energy have moved water-energy nexus analysis beyond straightforward quantification of energy-for-water and water-for-energy. In the context of global change (including climate change, rapid urbanization, and global markets for energy, biofuels, and food), research on these coupled resources increasingly focuses on:

- spatial patterns of water and energy use (source to consumption),
- internalizing 'externalities' (unintended consequences—indeed reinterpretation—of 'waste, including deferred impacts), and
- policy formulation (with emphasis on global change adaptation involving water and energy that does not undermine long-term mitigation).

This session invites papers on diverse aspects of coupled water and energy resources, including but not limited to:

- the energy futures to meet urban and agricultural water demand,
- biofuels and water demand
- water resources needs for power generation using conventional fuels and renewables,

- the implications and role of water in the emerging carbon economy,
- comparative energy- and water-based perspectives on efficiency and conservation, and
- the co-evolution of research and policy-making on water and energy that lead to enhanced societal outcomes.

Paper Session:

5158 Weather, Geographical Contexts and Spatial Behaviour I

is scheduled on Saturday, 4/16/2011, from 8:00 AM - 9:40 AM in University - Sheraton Hotel, Union Tower, Fourth Floor

Sponsorship(s):

Transportation Geography Specialty Group
 Human Dimensions of Global Change Specialty Group
 Energy and Environment Specialty Group

Organizer(s):

[Martin Dijst](#) - Utrecht University
[Mei-Po Kwan](#) - Ohio State University

Chair(s):

[Martin Dijst](#) - Utrecht University

Abstract(s):

8:00 AM Author(s): *Lars Bocker, MSc - Utrecht University
 Martin Dijst, Prof.Dr. - Utrecht University
 Jan Prillwitz, Dr. - Utrecht University

Abstract Title: [*Weather and Travel Behaviour within Personal and Geographical Contexts*](#)

8:20 AM Author(s): *Jon Denstadli - Institute of Transport Economics
 Jon Inge Lian - Institute of Transport Economics
 Øystein Engbretsen - Institute of Transport Economics

Abstract Title: [*Impacts of adverse and favorable weather conditions on transport mode choice*](#)

8:40 AM Author(s): *Nobuaki Ohmori - the University of Tokyo

Abstract Title: [Differences in Travel Behavior between on Fine Days and on Rainy Days: International Comparison among 10 Cities in East Asian Countries](#)

9:00 AM Author(s): *Randi Hjorthol - Institute of Transport Economics

Abstract Title: [Winter weather - an obstacle for older people's activities?](#)

9:20 AM Discussant: [Mei-Po Kwan](#) - Ohio State University

Session Description: For most of us, weather is more than a trivial concern in our daily life. Consider how often we watch the weather forecast and since when we did not discuss pertinent weather elements (e.g., the rain, the snow, the wind, or the hot temperatures). Weather seems to have considerable influence on many aspects of our everyday life, including the way we dress, our decisions whether to go out or not, our destination choice, our use of different transport modes, and even our mood and temper. While the influence of weather on our daily life is pervasive, there has been little debate on how weather may shape our everyday life through geographical perspectives to date. This relative silence is disconcerting in the light of recent climate changes that may alter the micro climate in cities and other geographical contexts, as well as their behavioural outcomes - even if we consider manifestations of certain climatic extremes, such as hurricanes, and tornados as exceptions to this observation. The session addresses the theme of weather, geographical contexts and spatial behaviour.

Paper Session:

5258 Weather, Geographical Contexts and Spatial Behaviour II

is scheduled on Saturday, 4/16/2011, from 10:00 AM - 11:40 AM in University - Sheraton Hotel, Union Tower, Fourth Floor

Sponsorship(s):

Transportation Geography Specialty Group
Human Dimensions of Global Change Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Martin Dijst](#) - Utrecht University
[Lars Bocker](#)

Chair(s):

[Mei-Po Kwan](#) - Ohio State University

Abstract(s):

10:00 AM Author(s): *Mario Cools - Transportation Research Institute, Hasselt University
Lieve Creemers - Transportation Research Institute, Hasselt University

Davy Janssens - Transportation Research Institute, Hasselt University
Geert Wets - Transportation Research Institute, Hasselt University

Abstract Title: [*The dual role of weather forecasts on changes in activity-travel behavior*](#)

10:20 AM Author(s): *Ioannis Tsapakis - University College London
Tao Cheng - University College London
Adel Bolbol - University College London

Abstract Title: [*Effect of Adverse Weather Conditions on Urban Speeds and Travel Time Reliability of Bus Lane and Non-Bus Lane Users*](#)

10:40 AM Author(s): *Tzu-Ping Lin - National Formosa University
Andreas Matzarakis - Meteorological Institute, Albert-Ludwigs University of Freiburg, Germany

Abstract Title: [*The correlation between people attendances and weather condition in parks in hot and humid regions*](#)

11:00 AM Author(s): *David Perkins - UNC-Chapel Hill

Abstract Title: [*Weather Effects on Zoos in the Southeastern United States Using a Tourism Climatology Framework*](#)

Paper Session:

5358 Weather, Geographical Contexts and Spatial Behaviour III

is scheduled on Saturday, 4/16/2011, from 12:00 PM - 1:40 PM in University - Sheraton Hotel, Union Tower, Fourth Floor

Sponsorship(s):

Transportation Geography Specialty Group
Human Dimensions of Global Change Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Martin Dijst](#) - Utrecht University
[Mei-Po Kwan](#) - Ohio State University

Chair(s):

[Martin Dijst](#) - Utrecht University

Abstract(s):

12:00 PM Author(s): Valentina Grasso - IBIMET CNR

*Alfonso Crisci - IBIMET CNR -Institute of Biometeorology, National Research Council
Valerio Capecci - LaMMA consortium - Laboratory for Meteorology and Environmental
modelling - CNR Regione Toscana

Abstract Title: [Structural Analysis and weather impact of Italian domestic annual CO2 emissions: a survey on 250 families.](#)

12:20 PM Author(s): *Petra A. Zimmermann - Ball State University
Michael Holmes - Center for Media Design, Ball State University

Abstract Title: [Weather And Media Consumption Across Space: Does The Weather Influence Our Viewing, Listening, Surfing?](#)

12:40 PM Author(s): *Peter D Howe, MS - The Pennsylvania State University

Abstract Title: [Experiencing the Climate: Using Environmental Context to Interpret Long-Term Risk Perceptions](#)

1:00 PM Author(s): *Anna Broich - University of Münster, Institute for Landscape Ecology
Lydia Gerharz - University of Münster, Institute for Geoinformatics
Otto Klemm - University of Münster, Institute for Landscape Ecology

Abstract Title: [Do routine air quality monitoring sites represent the personal exposure of individual persons?](#)

1:20 PM Author(s): *Thomas Lang - Uni Graz - Department of Geography and Regional Sciences

Abstract Title: [Climate Change - Challenge or Chance for Winter Tourism in Austria](#)

Paper Session:

2146 Wind energy in the 21st century: ecological, socio-economic, and environmental impacts

is scheduled on Wednesday, 4/13/2011, from 8:00 AM - 9:40 AM in 2A - Washington State Convention Center, Level 2

Sponsorship(s):

Energy and Environment Specialty Group

Organizer(s):

[Michael Slattery](#) - Texas Christian University

Chair(s):

[Michael Slattery](#) - Texas Christian University

Abstract(s):

8:00 AM Author(s): Eric Lantz - National Renewable Energy Laboratory

*Becky Johnson - Texas Christian Univ.

Michael C. Slattery, Dr. - Texas Christian Univ.

Abstract Title: [*Economic impacts of large-scale wind farm development at the County and State Level: A Texas Case Study*](#)

8:20 AM Author(s): Becky Johnson, PG - Texas Christian University

Michael Slattery, Dr. - Texas Christian University

*Leslie Llado - Texas Christian University

Abstract Title: [*Comparison of Socioeconomic Implications of the Wind Industry in Texas and Iowa: A Case Study*](#)

8:40 AM Author(s): *Amanda M Hale, PhD - Texas Christian University

Kristopher B Karsten, PhD - Texas Christian University

Abstract Title: [*The Cost of Going Green - Direct Impacts of Wind Energy on Birds and Bats*](#)

9:00 AM Author(s): *Kristopher B. Karsten - Texas Christian University

Amanda M. Hale - Texas Christian University

Jeffrey A. Meyer - Texas Christian University

Trevor G. Rubenstahl - Texas Christian University

Erin S. Hatchett - Texas Christian University

Thomas K. Stevens - Texas Christian University

Abstract Title: [*Indirect Effects of Wind Turbines on Summer and Winter Grassland Bird Communities in Texas*](#)

9:20 AM Author(s): *Yuyu Zhou - PNNL

Leon Clarke - PNNL

Patrick Luckow - PNNL

Abstract Title: [*High Resolution Mapping of Global Potential Onshore Wind Energy And Its Application in Integrated Modeling*](#)

Session Description: These sessions examine the ecological, socio-economic, and environmental impacts of building large wind farms.

PANELS

Panel Session:

4441 Burning for Sustainability: Cooking and Space Heating with Biomass

is scheduled on Friday, 4/15/2011, from 12:40 PM - 2:20 PM in 206 - Washington State Convention Center, Level 2

Sponsorship(s):

Energy and Environment Specialty Group
Cultural and Political Ecology Specialty Group
Health and Medical Geography Specialty Group

Organizer(s):

[Matthew John Taylor](#) - University Of Denver

Chair(s):

[Matthew John Taylor](#) - University Of Denver

Panelist(s):

[Kathryn Pratt](#) - University of Minnesota
[J Anthony Abbott](#) - Stetson University
[Gregory Simon](#) - University of Colorado Denver
[Shaunna Barnhart](#)
[Kayje Booker](#) - University of California Berkeley

Introducer(s):

[Matthew John Taylor](#) - University Of Denver

Panel Session:

2624 Geographic Perspectives on Hydraulic Fracturing

is scheduled on Wednesday, 4/13/2011, from 4:40 PM - 6:20 PM in 301 - Washington State Convention Center, Level 3

Sponsorship(s):

Cultural and Political Ecology Specialty Group
Energy and Environment Specialty Group
Water Resources Specialty Group

Organizer(s):

[Michael Finewood](#) - Old Dominion University
[Laura Jean Stroup](#) - Texas State University

Chair(s):

[Michael Finewood](#) - Old Dominion University

Panelist(s):

[Michael Finewood](#) - Old Dominion University
[Laura Jean Stroup](#) - Texas State University
[Andrew Brooks](#) - City University of New York
[Bradley B. Walters](#) - Mount Allison University
[Sharon Moran](#) - State University of New York - Env. Science and Forestry, Syracuse, NY
[Jonnell Allen](#) - Syracuse University

Session Description: North America is currently undergoing the largest domestic energy boom in history, supported in part by a drilling technique called hydraulic fracturing. This panel session will discuss the social and environmental dimensions of hydraulic fracturing, a technique for accessing marginal natural gas located in shale deposits. Panelists will explore the process and problems related to 'fracking' as proponents and opponents mobilize around issues regarding demand for cheap energy, strategies for economic growth in rural areas, and the desire to protect natural resources and environmental health. The session will provide opportunities to discuss energy issues as it relates to pedagogy, research, and activism, as well as providing opportunities for networking and exploring research frontiers.

Panel Session:

4613 Responding to the Gulf Oil Spill: Vulnerability, Resilience, and Strategic Science

is scheduled on Friday, 4/15/2011, from 4:40 PM - 6:20 PM in 613 - Washington State Convention Center, Level 6

Sponsorship(s):

Energy and Environment Specialty Group
Hazards Specialty Group
Historical Geography Specialty Group

Organizer(s):

[Craig Colten](#) - Louisiana State University

Chair(s):

[Craig Colten](#) - Louisiana State University

Panelist(s):

[Craig Colten](#) - Louisiana State University

[Kirstin Dow](#) - University of South Carolina

[Thomas J. Wilbanks](#) - Oak Ridge National Laboratory

[Gary Machlis](#) - National Park Service

Session Description: Recent events along the U.S. Gulf Coast, most recently the Deepwater Horizon oil release, have highlighted the vulnerability of the region to multiple hazards and the challenges presented by the scale of extraordinary events. This panel will consider the broad issues of, not only the recent gulf oil release, but how such disruptive events challenge policy makers and communities that bear the brunt of hazards.

The panel will explore historical dimensions of oil releases and related hazards and the geographic dimensions and implications of those events in framing public policy. In addition, the panel will address social vulnerabilities to oil spill response and recovery efforts and to expose how social impacts, including those related to response and recovery efforts, can be better included in contingency planning. The demands of emergency responses as a driver for funding and deployment of geospatial data will be examined in the context of the recent oil spill. Moving beyond past encounters with hazards and vulnerability, the panel will discuss of community resiliency as a framework for building capacity to contend with future events. Finally, the Department of Interior's Strategic Science approach to developing scenarios to identify areas of concern and policy priorities in the midst of a disruptive event will be discussed.

Panel Session:

2618 The Limits of Neoliberal Natures: Debating research agendas (Panel Discussion)

is scheduled on Wednesday, 4/13/2011, from 4:40 PM - 6:20 PM in 618 - Washington State

Convention Center, Level 6

Sponsorship(s):

Cultural and Political Ecology Specialty Group
Economic Geography Specialty Group
Energy and Environment Specialty Group

Organizer(s):

[Leila Harris](#) - University of British Columbia
[Karen Bakker](#) - University of British Columbia

Chair(s):

[Karen Bakker](#) - University of British Columbia

Panelist(s):

[Leila Harris](#) - University of British Columbia
[Jamie Peck](#) - University of British Columbia
[James P. McCarthy](#) - Pennsylvania State University
[Wendy Larner](#) - University of Bristol

Discussant(s):

[Diana M. Liverman](#) - University Of Oxford

Session Description: The goal of this session is to provoke scholars of neoliberal natures to reflect upon some of their core conceptual and methodological commitments, while contributing to broader debates over neoliberalism and the "nature of nature." This focus arises in response to recent critiques (Bakker 2009, in press; Castree 2008a, 2008b, 2009) that geographical scholarship on neoliberal natures is compromised of disparate, unconnected case studies which do not allow geographers to "connect the dots" between cases. Critics argue that site-and resource-specific studies of neoliberalization enable differentiation to be empirically documented, but that geographers have foregone analyses of the systematic production of geoinstitutional differentiation, insofar as this approach neglects to articulate local cases with trans-local neoliberalization processes. As a result, critics argue, scholars of neoliberal nature (to date) remain limited in their ability to explain when, where, and why neoliberal projects are implemented, and with what effects? Simply put, scholars of neoliberal nature have failed to grapple with the problematic of variegation (Bakker in press; Brenner, Peck and Theodore 2010; Peck and Theodore 2007). Doing so would have significant implications for method and theory, and might serve to rework conceptual framings of both 'neoliberalization' or 'nature.'