



Human Dimensions of Global Change

Specialty Group Newsletter

Spring 2004

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1. EDITORIAL

This time, I have the great pleasure to yield this space to our Student Board Member, Shanon Donnelly for his comments on the recently released report by the Union of Concerned Scientists on the Bush Administration's use and misuse of science in public policy. Thanks Shanon, and you all enjoy! If you have comments, please send them to sdonnell@indiana.edu - Susi

Scientists Respond to Administration's Misuse

At a time when the necessity of interdisciplinary approaches is more clear than ever, what issue could bring together top scientists from fields as diverse as theoretical physics, neurobiology and global ecology? Unfortunately, the Bush administration's misuse of science has provided such an issue. Dozens of scholars, medical experts, and former federal agency directors have signed a statement drafted by the Union of Concerned Scientists (UCS) calling for the return of scientific integrity in federal policymaking. The statement is in support of a February 2004 report produced by the UCS entitled *Scientific Integrity in Policymaking: An Investigation into the Bush Administration's Misuse of Science*.

The analysis contained in the report was conducted in response to allegations made in scientific journals, main stream media, by government insiders, and NGOs. The contents of the investigation indicate "suppression and distortion" by Bush appointees of findings that contradict the administration's political agenda. Along with the censorship of unwanted findings, the report also cites examples of the appointment of under-qualified or non-scientist individuals to important advisory positions and the removal of qualified advisors. According to the report, the "scale of the manipulation, suppression, and misrepresentation of science by the Bush administration is unprecedented."

While the context is unfortunate, this issue provides an important opportunity for scientists interested in the development and implementation of well informed policy to speak with a united voice. Please consider taking a few moments to review the report, available in its entirety along with the Scientists Statement and Sign-On, at the UCS webpage (www.ucsusa.org).

P.S. from Susi: Since the release of the original scientist statement on 2/18/04, more than 1,000 scientists have joined the list of signers! You can add your name, if you so desire, at https://www.ucsus.org/global_environment/rsi/index.html

2. SPECIALTY GROUP NEWS

National Councilor Election Results – One of Our Own!

The election results are in. Our SG member, and Secretary Treasurer, Kirstin Dow, currently at the Stockholm Environment Institute, otherwise based at the University of South Carolina was elected National Councilor. This means that Kirstin will NOT assume chairpersonship for the Human Dimensions Specialty Group, as she otherwise would have as Chair-elect, and *we have to find an alternative and/or interim chair. Please nominate someone or yourself!!!*

Specialty Group Board Member Nominations –

The following people have been nominated for Board positions. Board members serve for 2 years in their respective positions. Elections will take place at the Business Meeting in Philadelphia. If you have any questions or additional nominations, please contact the outgoing chair, Susi Moser at smoser@ucar.edu.

Board member nominations:

Colin Polsky, Assistant Professor at Clark University – nominated for one of the two regular faculty Board positions.

Darla Munroe, Assistant Professor at the University of North Carolina—Charlotte – nominated for one of the two regular faculty Board positions.

David Carr, NIH Post-doctoral Fellow at the Carolina Population Center, University of North Carolina - nominated for one of the two regular faculty Board positions.

Hallie Eakin, Universidad Nacional Autonoma De Mexico – nominated for one of the two regular faculty Board positions.

Secretary/Treasurer nominations:

Shannon O'Lear, Assistant Professor of Geography, University of Illinois at Urbana-Champaign – nominated for the position of Secretary/Treasurer and Chair-elect.

Interim Chair nominations:

David Carr, NIH Post-doctoral Fellow at the Carolina Population Center, University of North Carolina – nominated as interim Specialty Group chair.

Student Experiences at the Montreal Open Meeting

You may recall that we sponsored two students through travel awards to attend the Open Meeting of the Human Dimensions Research Community in Montreal in October 2003. Here are their reports back to the Specialty Group, reflecting on their experiences.

Report from Rebecca Powell

First, a few words to introduce myself: I am a Ph.D. candidate in the Department of Geography at the University of California, Santa Barbara. The focus of my dissertation research is to develop a systematic methodology to characterize the physical composition of urban land cover using optical remote sensing. My long-term goals include developing techniques that are reproducible, measures that are physically meaningful, and a capability to generate data sets that can be compared on a global scale. Currently, my study areas are within the Brazilian Amazon, which despite vast tracts of relatively unpopulated areas, is a rapidly urbanizing region.

I presented a poster at the Open Meeting entitled, “Assessing Change in Urban Land Cover Using Satellite Imagery: Manaus, Brazil (1991-2001).” I summarized the conceptual model and technical approach that I am developing, and demonstrated how land-cover information can be derived from moderate-resolution satellite imagery to quantify sub-pixel changes in land cover over time. I also demonstrated that the land-cover change data generated by these techniques can be aggregated to any arbitrary spatial unit, such as census boundaries, facilitating comparisons between changes in the physical landscape and changes in socio-economic variables. A version of the poster should be accessible on the Open Meeting website:

<http://sedac.ciesin.columbia.edu/openmeeting>.

There are several points which made the Open Meeting of IHDP unique and exciting to me. First, there seemed to be a genuine consensus among the researchers that science should be socially relevant, both in terms of which questions are asked and in terms of how findings are shared and disseminated. One of the issues posed in multiple contexts, implicitly and explicitly, was how to better link science to policy in support of a more sustainable future on our planet.

Second, there is an interest in exposing the “why” behind the scientific questions concerning environmental change. For example, one of the real challenges in the land-cover change community is linking land-cover change as measured by remote sensing with the human causes and/or consequences of such change. In the IHDP community, this synergy between remote sensing/GIS techniques and social-science research questions is not just encouraged, but assumed to be one of the research goals.

Third, a central role of IHDP is capacity-building, and one of the means by which this is accomplished is sponsoring, encouraging, and including many early-career researchers from all over the world, and in particular from developing and transition countries. This provides a young researcher like me the opportunity to meet other early-career researchers with similar interests but, in many cases, from very different professional circles due to the constraints of resources and geography.

Finally, as with any professional conference, attending the Open Meeting provided me with chances to talk with new people who have similar interests, to meet some names I knew but faces I did not, and to gather various facts, references, and names to weave into my own professional future. Exposure to such a group as the IHDP was both stimulating and encouraging, and provided valuable exposure to interdisciplinary work couched within a social context of building an environmentally and socially sustainable future. I am grateful for the support that the HDGCSG provided to make my attendance in Montréal possible.

Report from Robert Neff

Most people who know me professionally know that I'm leading a double life. Although I have not quite finished my Ph.D. dissertation, I have been working as a "post-doc" (perhaps research associate is a better term) for the past 18 months. Both my dissertation and my recent work are in the human dimensions of climate change, but as we all know, that's a rather large umbrella. My dissertation is a study of greenhouse-gas (GHG) emissions resulting from the commute to work in the Philadelphia metropolitan area. It uses a mixed methods approach, attempting to blend quantitative transportation modeling with qualitative analysis of historical documents related to the transportation network. While I have continued my research into GHG emissions at multiple scales and places, the work that pays my bills these days is climate-change vulnerability research for the HERO (Human-Environment Regional Observatory) project. As a result, my conference presentations usually showcase work that the HERO team is developing.

That's why the money I received from the HDGC Specialty Group to attend the Montreal Meeting was so valuable to me – I was there to present findings from my dissertation, and that work has been largely self-funded. The conference went well for me. I was placed in a session of talented young international students presenting papers on urban sustainability in developing countries. As a result of the combination of our presentations, we were reminded that unsustainable development and institutional failure are not problems that are exclusive to developing countries. In addition, I made new contacts with researchers interested in testing my methodology for measuring GHG emissions from transportation in several Asian cities. I hope to follow up on those contacts in the coming months, and if those conversations are fruitful, I will have the specialty group to thank since you helped to make the trip possible.

Had my conference experience ended there, I could have counted it as a successful trip. However, I obviously did not simply return to Pennsylvania after my presentation. In the sessions I attended afterwards, I heard presentation after presentation on vulnerability assessments and indices of society's vulnerability to climate change. As an audience member at conference sessions, I am typically happy if one or two presentations help me see a problem from a new perspective, even if that new perspective is transient and doesn't work its way into my own work. I did indeed hear some talks that helped me to see vulnerability research in a new light, and that has been helpful to my own work. However, the more presentations I saw, the more worried for climate change science I became. My fear is best summed up by a comment from one presenter whose talk was about climate-related crises. He noted that we (i.e. human dimensions researchers) are going through a crisis of our own – there were literally dozens of different vulnerability indices presented at the conference, all a result of different conceptualizations of what vulnerability is and what it means to society, and all equally untestable. As he spoke, I found my self nodding. As I looked around, I noticed that everyone else was nodding too.

It occurs to me that this crisis is indicative of a larger problem in climate change science, and that is that many of us have lost sight of why we are studying climate change in the first place. As one of the plenary speakers reminded us, there are typically two reasons for studying vulnerability to climate change. The first is to determine whether or not climate change is a societal problem. I don't know a single human dimensions researcher who still thinks that this is a good justification for vulnerability research. The

second reason one might study climate change vulnerability is to help society adapt to the negative impacts that we know are coming, or can reasonably expect to occur. Nearly every human dimensions researcher I know embraces this as the best justification for vulnerability research. Yet, I'm afraid that we are in danger of losing sight of this fundamental goal.

As I sat through various presentations about various vulnerability indices, I noticed that the presenters were touting the strengths of their index because it was well-grounded in vulnerability and/or hazards theory. Or perhaps it was developed through a seemingly objective, rigorous, and innovative quantitative technique. Others thought their index was superior because it was developed through a remarkable and laudable mix of qualitative and quantitative research. None of these arguments was terribly convincing to me because none of them addressed the question of how their index helped society, or even specific stakeholders, adapt to climate change and variation.

Perhaps this observation is overly pessimistic. To be sure, there is some value to planners, emergency responders and other stakeholders in knowing where the more vulnerable members of their populations live. Furthermore, it's unrealistic to expect every bit of research by every academic to engage a remarkably diverse group of stakeholders in a way that helps them minimize their vulnerability to climate change. Finally, it's clear to me that advancing climate-change science, even without direct interaction with stakeholders, can ultimately enhance the adaptive capacity of society. But I can't help but think that dozens of different vulnerability indices are a few too many, and that such a strong focus on this type of research may be distracting many of us from other valuable avenues of inquiry that could be more helpful to society in the long run.

I started this essay by admitting to a double life, working to mitigate both the causes and the negative impacts of climate change. I suppose that in doing so, I also have admitted that the goal of my research is not, and has never really been, about pure knowledge. Rather, I have always wanted to construct scientific knowledge about human-environment processes that was useful to society. Perhaps some would say that this goal makes me biased, but I think that it simply means that I am focused. Like everyone else, sometimes I lose that focus. Perhaps the more pessimistic observations in this essay are more of a reflection on my own temporary loss of focus than on that of my colleagues. In any case, I returned from the Montreal meeting with a renewed focus on improving the ability of society to survive and transcend its unsustainable tendencies. When combined with a handful of insights I carried away from others' presentations, the new contacts I have made as a result of my successful presentation and social interactions at the meeting, I can only characterize my participation in the meeting as a completely successful trip. Once again, I want to thank the specialty group board, and all of its members, for helping to make the trip possible. Thank you.

Other Member News

David Carr, NIH Post-doctoral Fellow at the Carolina Population Center, University of North Carolina-Chapel Hill, won the University of North Carolina Post-doctoral Award for Research Excellence (one of ten from over 700 UNC post-docs). The award will help finance the development a research project on internal migration in Guatemala with the

UN's Office of International Migration (4/04 to 5/04). David also was a Nystrom Award finalist (one of ten). The award goes to the best paper based on a dissertation presented at the Association of American Geographers annual meeting. His presentation was entitled "Examining the Proximate and Underlying Causes of Tropical Deforestation: Migration and Land Use in the Sierra de Lacandón National Park, Guatemala" (2004). After he ends his post-doc at UNC he will start a faculty position at UC-Santa Barbara in the Geography Dept. July 1, 2004. CONGRATULATIONS!!

3. AAG CENTENNIAL MEETING IN PHILADELPHIA, PA

March 14-19, 2004
Philadelphia Marriott

The following are sessions co-sponsored by our Specialty Group or otherwise of general interest to our group. A good showing! Thank you to everyone for your efforts to represent us strongly. The list below is derived from the AAG website, and may still change. Sessions are listed in chronological order.

Please note in particular our Business Meeting on TUESDAY, March 16, 7-8pm

Sunday

4:30- 7:00pm

Opening Session, featuring:

- Welcome from Ben Franklin
- Carolyn Adams, Temple University
- Alexander B. Murphy, University of Oregon, AAG President
- Keynote Speaker [Dr. Rita Colwell, Director of the National Science Foundation](#)
"The New Landscape of Science: A Geographic Portal"
- Concert by the Rittenhouse String Quartet, with original compositions commissioned for the AAG Centennial by David McKee

Monday

Paper Session:

2104. Interactions Between Global Environmental Change and Urban Processes

(Sponsored by *Human Dimensions of Global Change Specialty Group, Urban Geography Specialty Group, International Human Dimensions Program (IHDP)*)

8:00 a.m. - 9:40 a.m.

Organizer(s): [Karen C. Seto](#) - Stanford University; Chair(s): [Karen C. Seto](#) - Stanford University

Participant(s):

[Olga L. Medvedkov](#) - Wittenberg University (Co-Presenter)

Abstract Title: East- and Central European Cities and Global Environmental Change: Inter-System Links;

Yuri V. Medvedkov - Ohio State University (Co-Presenter)

Abstract Title: *East- and Central European Cities and Global Environmental Change: Inter-System Links;*

William D. Solecki - Hunter College (Presenter)

Abstract Title: *Globalization, Urbanization, and Consumption and the Restructuring of Developing Country Cities;*

Roberto Sanchez-Rodriguez - (Presenter)

Abstract Title: *Urban and Social Vulnerability to Climate Variability in Tijuana, Mexico;*

Karen C. Seto - Stanford University (Presenter)

Abstract Title: *Patterns and Drivers of Urban Land-Use Change in Asia: Examples from Two Deltas*

Paper Session:

2229. Environmental Change Scenarios and Vulnerabilities

(Sponsored by *Human Dimensions of Global Change Specialty Group, Hazards Specialty Group*)

10:00 a.m. - 11:40 a.m.

Organizer(s): Kirstin Dow; Chair(s): Kirstin Dow -

Participant(s):

Thomas Downing - (Presenter)

Abstract Title: *The future of food security in global change scenarios;*

Kirstin Dow - (Presenter)

Abstract Title: *Scenarios of Water Scarcity and Predictions of Environmental Refugees: Reviewing the Evidence;*

Stuart Franklin - Sei (Presenter)

Abstract Title: *Towards a narrative theory of climate change vulnerability;*

Susanne C. Moser - National Center for Atmospheric Research (Presenter)

Abstract Title: *“Deep” adaptation – Leverage points for whole-community change in the face of climate change and sea-level rise*

11:40 am- 1:00 pm

Special Luncheon Plenary

“Geography in the Academies” featuring, Dr. Bruce Alberts, President of the National Academy of Sciences

Panel Session:

2401. Coupling land and climate systems: linkages to completing the critical loop in East Africa

(Sponsored by *Human Dimensions of Global Change Specialty Group, Climate Specialty Group, Africa Specialty Group*)

1:00 p.m. - 2:40 p.m.

Organizer(s): Jennifer Olson - Michigan State University; David J. Campbell - Michigan State; Jeffrey A. Andresen - Michigan State; Chair(s): Jiaquo Qi - Michigan State University; Pijanowski Bryan –

Participant(s):

David J. Campbell - Michigan State (Introduction);
Pijanowski Bryan - (Panelist);
Jiaquo Qi - Michigan State University (Panelist);
Jeffrey A. Andresen - Michigan State (Panelist);
Jennifer Olson - Michigan State University (Panelist)

Paper Session:

2502. Environmental Conflict and Resolution

(Sponsored by *Political Geography Specialty Group, Human Dimensions of Global Change Specialty Group*)

3:00 p.m. - 4:40 p.m.

Organizer(s): Marilyn Silberfein - Temple University; Shannon O'Lear - University of Illinois at Urbana-Champaign; *Chair(s):* Marilyn Silberfein - Temple University;

Participant(s):

Shannon O'Lear - University of Illinois at Urbana-Champaign (Presenter)

Abstract Title: *Considering scale in environmental conflict: An initial framework for analysis;*

Cynthia Simmons - Central Michigan University (Presenter)

Abstract Title: *Spatial Process and Scalar Effects: Development and Security in the Brazilian Amazon;*

Al-Hassan Conteh - University of Pennsylvania (Presenter)

Abstract Title: *Border Processes and Conflicts in Liberia and Sierra Leone;*

Charles W. Abbott - University of Iowa (Presenter)

Abstract Title: *Ethnic claims to oil wealth: Nigerian examples from the Ogoni, Ijaw, Ikwerre, and Urhobo;*

Laurie Jackson - Victoria University of Wellington (Presenter)

Abstract Title: *The Quest for Dialogue: Environmental Conflict in New Zealand*

Paper Session:

2508. Commodities II: The Contemporary Periphery

(Sponsored by *Cultural Ecology Specialty Group, Human Dimensions of Global Change Specialty Group*)

3:00 p.m. - 4:40 p.m.

Organizer(s): William G. Moseley - Macalester College; Laurence C. Becker - Oregon State University; *Chair(s):* Christian Brannstrom - Texas A&M University;

Participant(s):

Laurence C. Becker - Oregon State University (Presenter)

Abstract Title: *Whither Rice Production at a Time of State Retreat in Côte d'Ivoire?*

Rheyna Laney - Sonoma State University (Presenter)

Abstract Title: *Reviving the Forgotten Agrarian Question in Andapa, Madagascar;*

William G. Moseley - Macalester College (Presenter)

Abstract Title: *Mali's Cotton Dilemma: Commodity Production and Development on the Periphery;*

Christopher Rosin - (Presenter)

Abstract Title: *When knowledge systems collide: reconciling new forms of competition to local agricultural production systems;*

William J. McConnell - Indiana University (Presenter)

Abstract Title: *Commodity production in the tropics: insights from the meta-analysis of case studies;*

Abraham Goldman - University of Florida (Discussant)

5:00 pm- 6:30 pm

Plenary Session

"Where We Have Come From and Where We Stand: Views of American Geography on the AAG's 100th", featuring:

- M. Gordon Wolman
- Yi-Fu Tuan
- Susan Hanson
- Michael Goodchild

Tuesday

9:30 am- 5:30 pm

Exhibit Hall Opens, throughout the week featuring:

- **Hall of History**
- **Silent Auction**

Paper Session:

3158. *Geographies of Transnationalism I: The politics of development*

(Sponsored by *Human Dimensions of Global Change Specialty Group, Political Geography Specialty Group*)

8:00 a.m. - 9:40 a.m.

Organizer(s): Sarah Radcliffe - CAMBRIDGE UNIVERSITY; *Chair(s):* Sarah Radcliffe - CAMBRIDGE UNIVERSITY

Participant(s):

Anthony Bebbington - I.D.P.M. (Presenter)

Abstract Title: *Representing representation: development practice and discourse within transnational aid chains;*

Sarah Radcliffe - CAMBRIDGE UNIVERSITY (Presenter)

Abstract Title: *"Indigenous political transnationalism and the politics of ethno-development in Ecuador";*

Giles Mohan - The Open University (Presenter);

Andres Vallejo - (Presenter)

Abstract Title: *"Developing Oneself": The Ethics of Transnational Migration;*

Sarah Radcliffe - CAMBRIDGE UNIVERSITY (Introduction)

11:50 am- 12:50 pm

Plenary Session:

“World Summit on Sustainable Development Partnerships for the Future: MyCOE, WW2BW and Landcare.”

Paper Session:

3533. *Putting the Millennium Development Goals in Place: Why Geography Matters for Global Poverty Alleviation*

(Sponsored by *Human Dimensions of Global Change Specialty Group, Hazards Specialty Group, Economic Geography Specialty Group*)

3:00 p.m. - 4:40 p.m.

Organizer(s): Robert S. Chen - CIESIN/Columbia University, Chair(s): Jeffrey Sachs - Earth Institute at Columbia University

Participant(s):

Robert S. Chen - CIESIN/Columbia University (Introduction),

Marc Levy - (Presenter)

Abstract Title: Characterizing the Global Distribution of Poverty;

Alex De Sherbinin - COLUMBIA UNIVERSITY (Presenter)

Abstract Title: Identifying and Analyzing Hunger Hotspots;

Deborah L. Balk - COLUMBIA UNIVERSITY (Presenter)

Abstract Title: Spatial Patterns and Determinants of Health and Mortality;

Robert S. Chen - CIESIN/Columbia University (Presenter)

Abstract Title: Natural Hazards and the Environment: Constraints on Achieving the Millennium Development Goals?;

Jeffrey Sachs - Earth Institute at Columbia University (Discussant)

5:00 pm- 6:30 pm

Plenary Session

"The AAG at 100: External Perspectives on Geography's Status and Potential",

featuring:

- Gilbert Grosvenor
- Cynthia Enloe
- Jack Dangermond
- Jeffrey Sachs*

Meeting:

3722. *Human Dimensions of Global Change Specialty Group Business Meeting*

7:00 p.m. - 8:00 p.m.

Room: Marriott 408

8:00 pm-Midnight

The Gaia Gala - AAG's 100th birthday celebration

Wednesday

Paper Session:

4144. Environmental Contentions, Working Through Meanings and Scale I: Framing the Political Ecologies of Environmental Conflict and Sustainability

(Sponsored by *Cultural Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Political Geography Specialty Group*)

8:00 a.m. - 9:40 a.m.

Organizer(s): Michael K Goodman - University of California; Chair(s): Michael K Goodman - University of California

Participant(s):

Tim Forsyth - London School Of Economics (Introduction); Kathleen McAfee - Yale University (Presenter)

Abstract Title: From Preservation to Eco-Justice? New Schemes for Selling Nature;

Max Boykoff - Environmental Studies Department (Presenter)

Abstract Title: Political Ecology of U.S. Mass Media Framing: Global Climate Change Science and Policy Discourse;

Jessica Budds - University of Oxford (Presenter)

Abstract Title: Neoliberal water management, peasant agriculture and 'sustainable development' in Chile;

Raymond L. Bryant - KING'S COLLEGE LONDON (Discussant)

Paper Session:

4244. Environmental Contentions, Working Through Meanings and Scale II: Developing Post-Colonial Inclusions/Exclusions and the Political Ecologies of Knowledge

(Sponsored by *Cultural Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Political Geography Specialty Group*)

10:00 a.m. - 11:40 a.m.

Organizer(s): Michael K Goodman - University of California; Chair(s): Kyle Thomas Evered - Illinois State University

Participant(s):

Joanne P. Sharp - University of Glasgow (Presenter)

Abstract Title: Indigenous knowledges and development: a postcolonial caution;

Roseann Cohen - University of California, Santa Cruz (Presenter)

Abstract Title: Cultivating nature and difference: Forest gardens of the Pacific Coast in Colombia and Panama;

Ariane De Bremond - University Of California (Presenter)

Abstract Title: Reshaping lives and landscapes: Environmental Governance, Land Policy and Rural Landscape Change in post-war El Salvador;

Logan Hennessy - UC Berkeley, Environmental Science, Policy, and Management
(Presenter)

Abstract Title: Mining, Amerindians, and Environmental Transformations in Guyana's Upper Mazaruni River Basin, 1986-2003;

Lucy Jarosz - University of Washington (Discussant)

Paper Session:

4302. Climate Change, Cities, and Health

(Sponsored by *Human Dimensions of Global Change Specialty Group*)

11:40 a.m. - 1:00 p.m.

Organizer(s): William D. Solecki - Hunter College; Chair(s): William D. Solecki - Hunter College

Participant(s):

Matthias Ruth - University of Maryland (Presenter)

Abstract Title: Potential Effects of Climate Variability and Change on Temperature-Related Mortality in Metropolitan Boston;

Jennifer R Cox - Regional Plan Association / Hunter College (Presenter)

Abstract Title: Urban Heat Islands and the Built Environment: A Case Study of the New York Metropolitan Region.;

Joyce Rosenthal - Columbia University (Presenter)

Abstract Title: Modeling the Public Health Impacts of Changing Climate and Land Use in the New York Metropolitan Region

Paper Session:

4444. Environmental Contentions, Working Through Meanings and Scale III: Conflicted Ecological Imaginaries and the Scalar Politics of Protest

(Sponsored by *Cultural Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Political Geography Specialty Group*)

1:00 p.m. - 2:40 p.m.

Organizer(s): Michael K Goodman - University of California; Chair(s): Max Boykoff - Environmental Studies Department

Participant(s):

Consuelo Guayara - University of Iowa (Presenter)

Abstract Title: Foreign financial assistance: an instrumental imaginary in the production of the Amazon;

Karen Schmelzkopf - Monmouth University (Presenter)

Abstract Title: Grassroots Activism and Contaminated Land in Vieques, Puerto Rico;

Dustin Mulvaney - (Presenter)

Abstract Title: Contentious Environments: A Political Ecology of Genetic Pollution & Intellectual Property Rights;

Tim Forsyth - London School Of Economics (Discussant)

Paper Session:

4544. Environmental Contentions, Working Through Meanings and Scale IV: Water – Power – Knowledge

(Sponsored by *Cultural Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Political Geography Specialty Group*)

3:00 p.m. - 4:40 p.m.

Organizer(s): Michael K Goodman - University of California; Chair(s): Roseann Cohen - University of California, Santa Cruz

Participant(s):

Trevor L. Birkenholtz - Ohio State University (Presenter)

Abstract Title: Political Ecology of Groundwater: technology, power and difference in Rajasthan India;

Julie T. Sharp - Ohio State University (Presenter)

Abstract Title: Can National Culture Explain Science? The Case of Anoxia in Lake Erie;

Krisna Suryanata - University Of Hawaii (Presenter)

Abstract Title: Beyond Environmental Impact: Articulating The Intangibles in A Resource Conflict;

Jennifer F. Brewer - Clark University (Presenter)

Abstract Title: Deliberating Diversity? Co-Management and Species Privatization in Maine Fisheries;

Nathan F. Sayre - U.S. Department of Agriculture (Discussant)

5:00 pm- 6:30 pm

Plenary Session

"Raising Geography's Profile in Public Debate", featuring:

- Harm De Blij
- Ruth Gilmore
- Derek Gregory
- Bill Turner

Thursday

Paper Session:

5144. Environmental Contentions, Working Through Meanings and Scale V: Envisioning Landscape Conservation and the Politics of Place

(Sponsored by *Cultural Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Political Geography Specialty Group*)

8:00 a.m. - 9:40 a.m.

Organizer(s): Michael K Goodman - University of California; Chair(s): Dustin Mulvaney

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Participant(s):

Kyle Thomas Evered - Illinois State University (Presenter)

Abstract Title: Political Ecologies of Wetland Protection in Turkey;

Eve Vogel - University of Oregon (Presenter)

Abstract Title: *The politics of regional conservation: Seventy years of Pacific Northwest ideals, institutions and conflicts;*

Johanna Haas - Ohio State University (Presenter)

Abstract Title: *The politics of regions: Creation of uneven development through environmental legislation;*

Peter A. Walker - University Of Oregon (Discussant)

Paper Session:

5244. *Environmental Contentions, Working Through Meanings and Scale VI: Critical Approaches to Mapping Environments and Livelihoods*

(Sponsored by *Cultural Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Political Geography Specialty Group*)

10:00 a.m. - 11:40 a.m.

Organizer(s): Michael K Goodman - University of California; *Chair(s):* Krisna Suryanata - University Of Hawaii

Participant(s):

Tara Maddock - US Environmental Protection Agency (Presenter)

Abstract Title: *Capturing Social Dimensions in Ecological Modeling and Regulation: Integrating Political Ecology and GIS;*

Jefferson Fox - East-West Center (Presenter)

Abstract Title: *Mapping power: Ethics, values, and practices of spatial information technology;*

Brent McCusker - West Virginia University (Presenter)

Abstract Title: *Geo-Spatial Technologies and the Political Ecology of Land Use and Land Cover Change;*

Francis Harvey - University Of Minnesota - Minneapolis (Presenter)

Abstract Title: *Professional Ethics: Questions for GIS Ethics Codes from Holocaust Studies*

Paper Session:

5110. *Drought, Water Supply, Fire: How Does Place-Based Science Serve Society? I*

(Sponsored by *Climate Specialty Group, Human Dimensions of Global Change Specialty Group, Water Resources Specialty Group*)

8:00 a.m. - 9:40 a.m.

Organizer(s): Gregg Garfin - University of Arizona; *Chair(s):* Gregg Garfin - University of Arizona

Participant(s):

Gregg Garfin - University of Arizona (Introduction);

Andrea J. Ray - NOAA/Climatic Diagnostics Center (Presenter);

Abstract Title: *The North American Monsoon: an opportunity for regional science to serve society;*

Joseph Abraham - University of Arizona (Presenter)

Abstract Title: Developing theory and methodologies for drought vulnerability assessment: state drought planning in Arizona;

Sarah Michaels - University Of Waterloo (Presenter)

Abstract Title: Understanding low water response from a knowledge management perspective;

Robert J. Neff - Penn State University (Presenter)

Abstract Title: Vulnerability to Drought at Different Places and Scales: A Cross-Site Comparison;

Colin Polsky - Clark University (Discussant)

Paper Session:

5210. Drought, Water Supply, Fire: How Does Place-Based Science Serve Society? II (Sponsored by *Climate Specialty Group, Human Dimensions of Global Change Specialty Group, Water Resources Specialty Group*)

10:00 a.m. - 11:40 a.m.

Organizer(s): Gregg Garfin - University of Arizona; *Chair(s):* Gregg Garfin - University of Arizona

Participant(s):

Gregg Garfin - University of Arizona (Introduction);

Franco Biondi - University of Nevada (Presenter)

Abstract Title: A 2000-year Hydroclimatic Reconstruction for the Walker River Basin, California and Nevada, USA;

Gregory Carbone - University of South Carolina (Presenter)

Abstract Title: Drought Forecasting in South Carolina;

Timothy J. Brown - Desert Research Institute (Presenter)

Abstract Title: Society, Fire and Climate Integrated Science – A Perspective;

Gregg Garfin - University of Arizona (Presenter);

Abstract Title: Climate Information, Stakeholder Insights, and Arizona Drought Planning;

Andrea J. Ray - NOAA/Climatic Diagnostics Center (Discussant)

Panel Session:

5414. Coastal Futures - Trends and Needs

(Sponsored by *Human Dimensions of Global Change Specialty Group, Coastal and Marine Specialty Group*)

1:00 p.m. - 2:40 p.m.

Organizer(s): Susanne C. Moser - National Center for Atmospheric Research; Diane P. Horn - Birkbeck College, University of London; *Chair(s):* Susanne C. Moser - National Center for Atmospheric Research

Participant(s):

Klaus J. Meyer-Arendt - University of West Florida (Panelist);

James K. Mitchell - Rutgers University (Panelist);

Stephen Leatherman - Florida International University (Panelist);
Julian D. Orford - Queen's University, Belfast (Panelist);
Susanne C. Moser - National Center for Atmospheric Research (Panelist);
George Oertel - Old Dominion University (Panelist)

5:00 pm- 6:30 pm

Plenary Session

"Geography in the Twenty-First Century, Where Do We Go From Here?", featuring:

- Mei Po Kwan
- David Skole
- Don Mitchel
- Bruce Rhoads
- Eric Sheppard
- Dianna Liverman

Friday

Paper Session:

6123. Are Parks Working? Exploring Tradeoffs in Protected Area Conservation I
(Sponsored by *Human Dimensions of Global Change Specialty Group, Remote Sensing Specialty Group*)

8:00 a.m. - 9:40 a.m.

Organizer(s): Harini Nagendra - Indiana University – CIPEC; Jane Southworth - University of Florida; *Chair(s):* Harini Nagendra - Indiana University - CIPEC

Participant(s):

Harini Nagendra - Indiana University - CIPEC (Presenter)

Abstract Title: *Disentangling a Complex Web: Nepal's People and Parks Program;*

Darla Munroe - University Of North Carolina at Charlotte (Presenter)

Abstract Title: *Protection, topography and market accessibility: examining forest fragmentation in Celaque National Park, Western Honduras;*

Juergen Clemens - University Of Heidelberg (Presenter)

Abstract Title: *Is the Khunjerab National Park in Northern Pakistan Working for the Local Agropastoralists?;*

Lisa Naughton - University of Wisconsin (Presenter)

Abstract Title: *Mapping visible and invisible threats to biodiversity: Deforestation and hunting in 15 parks in the Tropical Andes;*

Robert J. Mason - Temple University (Presenter)

Abstract Title: *What is Working Where? Evaluating Protected Area Management in two "Greenline Parks"*

Paper Session:

6223. Are Parks Working? Exploring Tradeoffs in Protected Area Conservation II

(Sponsored by *Human Dimensions of Global Change Specialty Group, Remote Sensing Specialty Group*)

10:00 a.m. - 11:40 a.m.

Organizer(s): Harini Nagendra - Indiana University – CIPEC; Jane Southworth - University of Florida; *Chair(s):* Jane Southworth - University of Florida

Participant(s):

Jennifer Lipton - University Of Texas, Austin (Presenter)

Abstract Title: *Managing Mountains: Institutions and Landscape Change in Huascarán National Park, Peru;*

Karl Zimmerer - University of Wisconsin - Madison (Presenter)

Abstract Title: *Globalization and Multispatial Trends in the Coverage of Protected Areas (1980-2000);*

Catherine Tucker - (Presenter)

Abstract Title: *Conservation, Contradiction and Community Experiences in Mexico's Monarch Butterfly Reserve;*

Glen Martin Green - CIPEC-Indiana University (Presenter)

Abstract Title: *Are Protected Areas Distributed to Best Protect Biodiversity?;*

Marcus Nuesser - University of Bonn, Germany (Presenter)

Abstract Title: *Conflicts of resource utilization and environmental protection in the high mountains of Lesotho, southern Africa*

Paper Session:

6423. *Are Parks Working? Exploring Tradeoffs in Protected Area Conservation III*

(Sponsored by *Human Dimensions of Global Change Specialty Group, Remote Sensing Specialty Group*)

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

Organizer(s): Harini Nagendra - Indiana University – CIPEC; Jane Southworth - University of Florida; *Chair(s):* William D. Solecki - Hunter College

Participant(s):

Ned Horning - Center for Biodiversity and Conservation (Presenter)

Abstract Title: *When Rules Help Conservation and When They Do Not;*

Rinku Roy Chowdhury - University Of Miami (Presenter)

Abstract Title: *Regional and local landscape change in the southern Yucatán, Mexico: forests, smallholders and institutions;*

Stephen M. Oppermann - Stephen M. Oppermann & Associates (Presenter)

Abstract Title: *Protecting National Parks Via Partnership Between National Park Service and United States Air Force;*

Jagdish Krishnaswamy - Ashoka Trust for Research in Ecology and the Environment (Presenter)

Abstract Title: *Effectiveness of Protected Areas in protecting forest biomass: a case study from Southern India*

Paper Session:

6523. *Are Parks Working? Exploring Tradeoffs in Protected Area Conservation IV*

(Sponsored by *Human Dimensions of Global Change Specialty Group, Remote Sensing Specialty Group*)

4:00 p.m. - 5:40 p.m.

Organizer(s): Harini Nagendra - Indiana University – CIPEC; Jane Southworth - University of Florida; *Chair(s):* Darla Munroe - University Of North Carolina at Charlotte

Participant(s):

Dianne E. Rocheleau - Clark University (Presenter)

Abstract Title: *Parks, Power and (un)Protected Areas: Complex Ecologies and Patchwork Biodiversity in the Adirondacks and Santiago R.D.;*

Glenn G. Hyman - CIAT (Presenter)

Abstract Title: *Population change and protected areas in Central America since 1950;*

Rahul Shrivastava - Florida International University (Presenter)

Abstract Title: *Kaziranga National Park in Transition: Predicting park-people relations when park size increases;*

Gary Geller - (Presenter)

Abstract Title: *Increasing Access and Usability of Remote Sensing Data: ASTER Protected Area Archive*

4. CONFERENCE ANNOUNCEMENTS (CALL FOR ABSTRACTS)

Urban Dimensions of Environmental Change

May 25-28, 2004, Shanghai, China

This is a rescheduled conference (previously cancelled because of the SARS). Sponsored by Montclair State University and East China normal university.

For all additional information, registration forms, field trip options, and a conference schedule see: <http://www.montclair.edu/globaled/shanghai>

==>Early Registration deadline 1 April 2004 (discounted)

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International Conference on Sustainability Engineering and Science

7-9 July 2004, Auckland, New Zealand.

Hosted by the New Zealand Society for Sustainability Engineering and Science and the International Centre for Sustainability Engineering and Research (ICSER).

==>Register by 1 March 2004 for discount

<http://sustsci.harvard.edu/events.htm#ssec04>

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EFS West's Sustainability & Higher Education Conference

University of Portland, Portland, Oregon

October 21-23 (Thurs-Sat), 2004

“DEFINING THE VISION FOR HIGHER EDUCATION”

Conference organizers have chosen the theme “Defining the Vision for Higher Education” as a fitting focus for the first of what is anticipated to become a series of biannual conferences. Over 250 attendees are expected from throughout the U.S. and Canada, including faculty, administrators, facilities managers, students, and others affiliated with higher education in the private and nonprofit sectors. Please join us for this exciting event and help define the sustainability vision for higher education!

BACKGROUND

The conference will be the first major event of its kind in the western U.S. and Canada, and is intended to become a biannual event, complementing the “Greening of the Campus” conference held biannually at Ball State University in Indiana. The idea for this event arose from the realization that rapidly increasing interest in sustainability and higher education will now support a major conference on the subject annually, and that alternating eastern and western locations would be a good idea.

GOALS:

- Provide a forum for those interested in the connections between sustainability and higher education from teaching and research to campus operations, facilities, and community outreach.
- Explore the most effective and appropriate practices in sustainability in higher education and discuss options for making sustainability the central focus of the entire college community.
- Accelerate the transformation of U.S. and Canadian colleges and universities into models of sustainability.

EFS WEST

EFS West (Education for Sustainability Western Network) is a professional association of individuals and institutions working to make sustainability a foundation of higher education in the western U.S. and Canada. We do this through collaboration among members to share strategies and resources that will assist them in making sustainability central to all teaching, research, professional development, campus operations, facilities, investments, and community outreach. The Network was founded in 2001 as a partnership with Second Nature, whose goal is to see sustainability become “second nature” in higher education within a generation.

INVITED SPEAKERS

Invited plenary and keynote speakers include the following:

Ray Anderson Chairman and CEO of Interface, Inc., world’s largest producer of commercial carpet and a leader in sustainable enterprise.

Janine Benyus author of “Biomimicry” and “Beastly Behaviors,” life sciences writer and lecturer.

Anthony Cortese President of Second Nature and co-founder of EFS West; Board Chair of U.S. Natural Step; former Dean of Environmental Programs at Tufts University.

Denis Hayes President & CEO of the Bullitt Foundation, and national coordinator of first Earth Day.

Chuck Hopkins UNESCO Chair, Reorienting Teacher Education Towards Sustainability, York University, Canada.

Freda Pagani Director of Sustainability, University of British Columbia.

Stephen Schneider author of “Genesis Strategy” and “Global Warming,” and Professor of Environmental Biology and Global Change at Stanford University.

Sarah Severn Director of Corporate Sustainable Development at Nike, Inc.

Sim Van der Ryn President, Van der Ryn Architects, Founder, Ecological Design Institute and Farallones Institute, and co-author of “Sustainable Communities” and “Ecological Design.”

SESSION THEMES

Each paper session will focus on one of four themes selected by conference organizers. Underlying each theme is the central aim of enhancing/transforming the educational experience of students.

Theme 1: Sustainability and College Curriculum

Reorienting the academic disciplines so that sustainability is the central focus the content and context of all curriculum. We envision a future where sustaining the Earth’s life support system and achieving a just and healthy society are the central focus of university and college curricula.

Example topics:

- retraining faculty to teach in a sustainable society paradigm
- developing/using innovative and interdisciplinary curriculum
- using campuses as learning tools for sustainable practice
- re-orienting schools that train future professionals (Business, Education, Architecture, etc.)

Theme 2: Sustainable Campus Operations and Facilities

“A college or university that models sustainability in all its operational functions... but does not involve the faculty and students as an integral part of the educational process will lose 75 percent of the value of its efforts and cannot fulfill its role in society.”

(Anthony D. Cortese)

Examples topics:

- moving forward with sustainable transportation
- green and sustainable operations (procurement, information technology, dining services, investments, etc.)
- sustainable design and buildings (redesign, retrofitting, new buildings, landscaping, green roofs, water and energy conservation)
- adopting systems thinking and business principles of sustainability
- assessing the true ecological footprint of a campus
- environmental health & safety making it second nature
- getting to zero waste

Theme 3: Sustainability Beyond the Campus

Helping communities in our back yards and across the globe improve and sustain their environment, health, social fabric, and economy.

Example topics:

- education for sustainability and “sustainable development” (formal and nonformal)
- campus-led community and environmental planning and design for a sustainable society
- research toward a sustainable world (from global climate change to sustainable cities)
- socially conscious university investments
- national/international programs on education and sustainability
- higher education and social justice preaching, practicing, and promoting
- the business world & ivory tower working together toward a sustainable future

Theme 4: Student-Led Sustainability Efforts

Students or student groups are behind many of the most successful sustainability efforts on campus and in the community.

Examples:

- student-run “alternative technology” demonstration centers and homes
- student-led waste reduction, energy & resource conservation, or alternative transportation efforts
- student organizing on campus around sustainability
- student-conducted campus ecological footprint analysis (e.g., greenhouse gas assessment)

PAPER & POSTER SUBMISSION DETAILS

Conference organizers are soliciting abstracts for paper and poster presentations related to the four themes above. Abstracts of papers and posters selected for presentation will be published on-line. Presentations that connect to the student learning experience are particularly encouraged. Send abstracts to Sinnamon Tierney, conference administrative assistant, at tierney@up.edu.

Paper presenters: Paper sessions will be 90 minutes long and each presenter will have 30 minutes (20 for delivery, 10 for discussion). Please submit an abstract of 200 words or less describing your paper by April 30th. Abstracts will be sent to an Advisory Board for evaluation and all authors will be given feedback by May 31st. If your paper is not among those selected, you may be invited to submit it as a poster.

Poster presenters: One 60-minute poster session is scheduled (Friday), and an additional session may be added Saturday. Please submit an abstract of 200 words or less describing your poster by July 30th. Abstracts will be sent to an Advisory Board for evaluation and all submitters will be given feedback by July 31st.

PANELS, WORKSHOPS, ORGANIZED SESSIONS

Contact conference co-chair Steven Kolmes at kolmes@up.edu if interested in organizing a session, workshop, or other activity.

REGISTRATION FEES

Registration Category	Before 9/10	After 9/10
EFS West members (group/regular)	\$90	\$120
Non-members	\$125	\$155
Student members	\$40	\$70

Other students \$55 \$85

Registration for the conference includes all events and scheduled meals (2 lunches, 3 dinners). Details and registration forms are available at <http://www.efswest.org/conference/index.html>.

SUSTAINABILITY IN OREGON

The State of Oregon has officially adopted sustainability as a consideration in all actions by State Agencies, including the Oregon University System. The Oregon congressional delegation includes important spokespersons for sustainability on the national scale. Conference organizers are working to finalize a speaker to represent the Oregon vision of sustainability and education from the political sphere.

FURTHER INFORMATION

For information on lodging, registration, pre-conference field trips, sponsors, and exhibitors, visit the conference website at <http://www.efswest.org/conference/index.html>. For additional questions contact Steven Kolmes, conference co-chair, at kolmes@up.edu.

CONFERENCE PLANNING TEAM

Planning Team members have worked hard to develop an excellent program for this conference and ensure that the event itself is a model of sustainability, including zero waste. The team has broad representation geographically as well as from within and outside academe:

Conference Co-Chairs

Steven Kolmes (co-chair) Rev. John Molter, C.S.C., Chair in Science; Professor, Department of Biology; and Director, Environmental Studies Program at University of Portland. (kolmes@up.edu)

John Baldwin (co-chair) Associate Professor, Department of Planning, Public Policy and Management, and Founding Director of the Institute for a Sustainable Environment at University of Oregon (jbaldwin@uoregon.edu)

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ACIA (Arctic Climate Impact Assessment) SYMPOSIUM, ICELAND

November 9-12, 2004.

CALL FOR PAPERS

The Arctic Climate Impact Assessment (ACIA) will report to the ministerial conference in Iceland in November 2004. Prior to the ministerial conference, the scientific results will be presented and discussed at an international scientific symposium being convened 9-12 November. The ACIA has been a 4-year, broad scientific assessment of the impacts of climate change in the Arctic region under the auspices of the Arctic Council, the governmental cooperation between the Arctic Nations. More than 200 scientists have been involved in the assessment. The symposium will address a variety of issues connected to climate change in the circumpolar Arctic and its environment and societal consequences. Further information can be found on <http://www.amap.no/MiscTempFiles/ACIA-Symp.htm>

<www.acia.uaf.edu>
<www.amap.no>
<www.iasc@iasc.no>
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3rd Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems.

5-10 June 2005, Dubrovnik, Croatia.

Organized by the University of Zagreb, Croatia, and Instituto Superior Técnico, Portugal, in cooperation with the Institut National Polytechnique de Grenoble, France; National Technical University of Athens, Greece; La Sapienza, University of Rome, Italy; Kuwait University, Kuwait; Delft University of Technology, the Netherlands; University of Zaragoza, Spain; and University of Pennsylvania, United States.

==>Deadline for submission of abstracts: 31 October 2004

<http://sustsci.harvard.edu/events.htm#dubrovnik05>

oikos PhD Summer Academy 2004: Creating and Transforming Markets for Sustainability

16-20 August 2004, University of St. Gallen, Switzerland.

Organized by the oikos Foundation for Economy and Ecology in collaboration with the Institute for Economy and the Environment at the University of St. Gallen (IWÖ-HSG).

==>Deadline for submission of abstract, CV, and letter of interest: 15 March 2004

<http://sustsci.harvard.edu/events.htm#oikos-phd04>

Earth System Monitoring & Modelling

16-26 Aug 2004, Frascati, Italy (yes, good vine likely to be included... sm)

The European Space Agency (ESA) invites young researchers to join leading experts in Earth Observation, Modelling and Data Assimilation at ESRIN (Frascati, near Rome) for lectures, hands-on computing practicals and poster sessions on the occasion of the 2nd ENVISAT summer school (16-26 Aug 2004) on Earth System Monitoring & Modelling.

More information is available on <http://envisat.esa.int/envschool/>

5. NEW PUBLICATIONS

Geography in America at the Dawn of the 21st Century – is (almost) out!!!

Gaile, Gary L and Cort J. Willmott (eds.)

Due out in print by March 15, 2004

Oxford University Press, 680 pages

This comprehensive volume summarizes what's happening in our discipline under headings such as Environmental Dynamics, Human/Society Dynamics, Environmental/Society Dynamics (including chapter on Human Dimensions of Global Change work within Geography), Geographic Methods, Geographers at Work, Regional Geography, and Values, Rights, and Justice. For more details see <http://www.oup.co.uk/isbn/0-19-823392-2>. And get your library to order it – it's too heavy to lift, and too expensive to own personally. Well, for some of us anyway...

African Environment and Development: Rhetoric, Programs, Realities

Edited by William G. Moseley, Macalester College and B. Ikubolajeh Logan, University of Georgia

“...an extremely valuable book...an invaluable resource for lecturers and students. It deserves to be widely read by those responsible for development and environmental policy in Africa, particularly the army of overseas ‘experts’ and development and environmental planners...”

—W.M. Adams, University of Cambridge, UK

“...features a series of compelling case studies by a (mostly) new generation of top-notch environmental scholars...at once theoretically sophisticated, rich in historical detail and firmly grounded in contemporary ethnographic realities. The result is easily one of the best collections available addressing the overlapping concerns of environment and development on the continent.”

—Richard Schroeder, Rutgers University

“...will be of interest to anthropologists, geographers, historians, development professionals, and others with an interest in the ways that history and politics have shaped the African landscape.”

—Peter D. Little, University of Kentucky

This edited volume explores the connections between African rural livelihoods, environmental integrity and broader scale political economy. The book is organized under three main themes relating to this goal: the influence of global environmental narratives in the African context; the implications of regional political economy for rural African livelihoods; and the empirical manifestations of contemporary conservation and development principles through policy and programs at the community, national, regional and global levels. Including case studies from Southern, West and East Africa, the book examines a wide range of livelihood activities (pastoralism, farming, gardening and hunting) and environmental issues (e.g., dam projects, cash cropping, burning practices, civil war, pesticide use, oil exploitation, community based natural resources management and transnational parks). The studies demonstrate the necessity of grounding environment and development policy discussions within a broader understanding of the economy, history, politics and power.

Contents:

African environment and development: an introduction, *B. Ikubolajeh Logan* and *William G. Moseley*. ENVIRONMENTAL NARRATIVES AND AFRICAN REALITIES: Ideology and power in resource management: from sustainable development to environmental security in Africa, *B. Ikubolajeh Logan*; Environmental degradation and ‘Poor’ smallholders in the West African Sudano-Sahel: global discourses and local realities, *William G. Moseley*; Grounding environmental narratives: the impact of a century of fighting against fire in Mali, *Paul Laris*. POLITICAL ECONOMY, RURAL LIVELIHOODS AND THE ENVIRONMENT: War and the environmental effects of displacement in Southern Africa (1970s–1990s), *Emmanuel Kreike*; Pesticides, politics and pest management: toward a political ecology of cotton in Sub-Saharan Africa, *Jim Bingen*; A local graft takes hold: the political ecology of commercial horticultural production in rural Mali, *Stephen R. Wooten*; Risk positions and local politics in a Sahelian society: the Fulbe of the Hayre in central Mali, *Mirjam de Bruijn* and *Han van Dijk*. GLOBAL ENVIRONMENTAL POLITICS AND CONSERVATION IN AFRICA: Buying (into) and selling conservation among Maasai in Southern Kenya, *Jennifer E. Coffman*; Placing the local in the transnational? Communities and conservation across borders in Southern Africa, *Rachel B. DeMotts*; ‘(S)hell in Nigeria’: the environmental impact of oil politics in Ogoniland on Shell International, *Phia Steyn*; Whither African environment and development?, *William G. Moseley*; Index.

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Lesotho Atlas of Sustainable Development

By D.M. Bohra, Ph.D.
Rajasthan, India
ISBN 99911-645-02

2003

Order inquiries should be directed to: atlaslesotho@yahoo.com

This new atlas is a very comprehensive documentation, worth consulting if you are interested in any aspect of resource management in that region. Citing from the description provided by the author, it “portrays, through some 213 maps with analytical text, three critical dimensions of sustainable development: longevity, education, and command over resources in terms of the specific indicators at the level of districts, geographical zones, rural and urban areas, and at the gender level at a specific period of time. The atlas serves as an important tool for researchers, decision-makers, planners and academia alike. It aims to present through maps and their analytical texts, a clear overview of current trends in the field of sustainable development in Lesotho. It demonstrates the position of specific problems, outlines the obstacles to effective solutions and charts the way to overcome them.””

6. NEW WEB & EDUCATIONAL RESOURCES

Science and Technology for Sustainability Program, United States National Academies:

<http://sustsci.harvard.edu/links.htm#na-sts>

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Columbia University's New PhD Program in Sustainable Development

<http://sustsci.harvard.edu/edu/columbia.htm>

The latest addition to the Forum's Education and Training page is Columbia University's new, interdisciplinary PhD Program in Sustainable Development, designed to educate researchers, university teachers, and world leaders in the social and natural science disciplines that underpin sustainable development. The purpose of the program is to create a generation of scholars and professionals equipped to deal with some of the most crucial problems in the world today. Grounded in a graduate-level curriculum of micro and macro economics, the program integrates a rigorous core curriculum with a set of elective courses in ecology, earth science, engineering or public health, and a comprehensive series of fundamental social science and public policy courses.

This new program expects to admit its first entering class for fall 2004; applications are now being accepted and are due by 1 March 2004.

And last but not least....

7. MEMBERSHIP DUES & ADDRESS CHANGES

When you **renew your membership**, please don't forget to pay the dues or our Specialty Group. And, please, do me a big favor and **send me your change of address**. The AAG office does not send out new lists every time someone leaves or joins our group. The bounce-back problem is taking on humongous proportions!