

Environment, Technology and Society

NEWSLETTER OF THE SECTION ON ENVIRONMENT AND TECHNOLOGY OF THE AMERICAN SOCIOLOGICAL ASSOCIATION

SUMMER 2006

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Beth Caniglia, Chair of Membership Committee	Rob Gardner, Website Manager
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Richard York, Chair of Publications Committee	Section Website: www.linfield.edu/soan/et/index.html

SESSION IN-EXILE

The Future of Environmental Sociology and the Environmental Sociology of the Future

2-5pm, August 12, 2006

The Environment and Technology Section will be holding its second annual Session In-Exile during the upcoming conference of the American Sociological Association in Montréal.

Formally created in 1976, this year marks the 30th anniversary of the founding of the Environment and Technology Section within the American Sociological Association. In keeping with this important occasion, the theme for this year's Session In-Exile will be "The Future of Environmental Sociology and the Environmental Sociology of the Future." Panelists will cast an anticipatory and contemplative eye forward to glimpse the outlines of the field at the time of its Golden Anniversary two decades from now in 2026. Questions that we will ponder include:

- What will be the key research questions of the day?
- How prominent will the field be?
- What will be the relationship of environmental sociology to the larger discipline and to the social sciences more generally?
- What role will environmental sociologists play in the emergence of a trans-disciplinary environmental science?
- And more...

Introduction

Maurie Cohen, *New Jersey Institute of Technology*

Panelists

Penelope Canan, *University of Central Florida*

Michael Carolan, *Colorado State University*

Peter Dickens, *University of Cambridge*

William Freudenburg, *UC Santa Barbara*

Steve Kroll-Smith, *UNC Greensboro*

Jean-Guy Vaillancourt, *Université de Montréal Rapporteur*

Riley Dunlap, *Oklahoma State University*

The format for this event encourages a wide-ranging discussion among the audience following formal presentations by the invited panelists. This Session In-Exile will be held from 2:00-5:00pm in the Dahlia Room of the Holiday Inn Select (located directly across the street from the Palais de Congress). Please be advised that this event is not sanctioned by the ASA and information about it will not appear in the official conference program. Attendance is free of charge and does not require ASA conference registration.

Overview of the E&T Section's Roundtable Sessions at the ASA Annual Meeting in Montreal

by Jan- Martin Meij

This year there are nine different sessions each offering its own unique insight into an aspect of environmental sociology. This overview is made in order to better inform you on the content of the roundtables. We hope you are just as excited about the program as we are.

Table 1 "**Science and Culture**" addresses the relationship of science and culture. Laska, Kroll-Smith and Clarke ask the question what role science has to play in the case of a societal disaster, namely Hurricane Katrina. Youngman also looks at Katrina, but directs researchers to areas to which they should pay attention in events like this. In a different context, Washburn examines how the media frames bio-monitoring in relation to human health and environmental chemicals. Finally, MacKendrick looks at the role of science-based decision making in environmental policy decisions.

Table 2 "**Global Dimensions of Environmental Change**". Jorgenson and Dick assess the effects of FDI in the primary and secondary sectors on the per capita emissions five noxious gasses. Levy and Gottlieb attempt to understand the social-political factors that differentiate countries with respect for environmental activism. Also on the topic of environmental activism is Marquart-Pyatt who examines the attitude-behavior gap in that area. Finally, Sarabia takes us on a historical journey through ecological crisis in East Asia.

Table 3 "**New Directions in Research in Environmental Justice**". Hess analyzes the relationship between American race relations and urban public transit and bus systems. Alkon traces the disproportionate rates of diet related health problems in low incomes people and people of color. In a study on environmental racism Norgaard examines access to food and how it relates to institutional racism. Finally, Konak takes us to Turkey in an analysis of how local activists and residents have conceptualized grievances.

Table 4 "**Lessons From U.S. Case Studies**". Mix, Shriver and Cable examine the internal and external obstacles to mobilization confronted by nuclear workers in the Oak Ridge Nuclear Reservation. Banerjee looks at the case study of a displaced Tennessee forest community's struggle for cultural identity and environmental justice. Identifying the challenges faced by organic advocates and the

strategies that are being utilized to revive the movement is the focus of Obach's paper. Finally, O'Neil has two papers dealing with characteristics and contexts of different Superfund sites.

Table 5 "**Labor Health, and Environment in a Transnational Context**". Zvestoski discusses how local health social movement struggles are linked to a global network of environmental health activism. Comparing the relative marginality of immigrant forest workers, loggers, and non-immigrant reforestation workers, Sarathy shows how immigrants are the most marginal of forest workers. Finally, Bates describes the evolution of environmental regulation in Mexico as a process of rationalization.

Table 6 "**Revisioning Energy Use**". Krieg explains the sociological dimensions of energy and transportation. Malone and Caniglia use a framework of rhetoric to analyze arguments about the future use of nuclear power to generate electricity within the U.N. Finally, Scholz looks at the role and effect of Japanese civil society on urban CO₂ emissions.

Table 7 "**Theoretical Paradigms**". Douglas and Sjoberg integrate the conceptual framework of Beck, Firey and Ostrom in order to create a more general theory of the environment. Using Habermas' theory of communicative action, Bedrous applies it to current human-environment interaction.

Table 8 "**Big Questions in Environmental Sociology: Off-the-Record and Off-the-Cuff**" is a student-organized panel discussion that will provide an interesting discussion by several experts in the field on questions related to environmental sociology raised by Hill, Shwom-Evelich and Gin.

Table 9 "**The Environmental Movement**". Nakamura, Dreiling, Jonna and Lougee address the question of how, when, and with who EMOs utilize computer-mediated communications. Xiao and Dunlap use SEM to test whether or not the NEP is the most powerful predictor of environmental concern. Finally, Markham discusses the tactics employed by the German environmental movement.



Off the Record and Off the Cuff: Student-Organized Roundtable

As sociologists, environmental sociologists must confront fundamentally “social” questions relating to people’s relationship to the environment. These questions include, but are not limited to, issues of power, race relations, and resource distribution as they relate to the environment. Environmental sociology provides a broad framework to explain how institutional arrangements shape life chances (Cable, et al., 2002:32). Does natural resource (rural) sociology equally inform these institutional arrangements, given the debate among scholars on the distinction between environmental and rural sociology (Buttel, 2002; Dunlap, 2002:242; Rudel, 2002:268)? To what extent, if at all, do environmental sociology, environmental justice and rural sociology inform the framing and institutionalization of legitimized privileged accounts and privileged access that create disproportionalities in the production and experiencing of environmental harms (Freudenburg, 2005:90-91, 105-108)?

Panelists

Prof. Sherry Cable, Univ. of Tennessee
Prof. Riley Dunlap, Oklahoma State
Prof. William Freudenburg, UC, Santa Barbara

Student Organizers

June Gin, PhD Candidate, University of Michigan
Kevin Hill, PhD Candidate, University of Michigan
Rachael Shwom, PhD Pre-Candidate, Michigan State University

E&T Section ASA Annual Meeting Schedule

The following schedule is for sessions organized by the E&T section, except for the special thematic session on New Orleans and the ASA regular session. Please note that there are other environmentally themed sessions in other sections such as the Political Economy of the World System, Community and Urban Sociology, Animals and Society, Disaster, Risk, and Medical Sociology.

E&T Council Meeting

Scheduled Time: Thu, Aug 10 – 9:00pm – 10:00pm
Building: Palais de Congrès de Montréal, room 522C

ASA Regular Session. Environmental Sociology

Scheduled Time: Fri, Aug 11 - 8:30am - 10:10am
Building: Palais des congrès de Montréal

Session Organizer: Samer Alatout (University of Wisconsin, Madison)

President: Samer Alatout (University of Wisconsin, Madison)

Contested Water: Rethinking the Politics of Conservation

Joanna L. Robinson (University of British Columbia)

Where the Waters Divide: First Nations, Tainted Water, and Environmental Justice in Canada

Michael J. Mascarenhas (Kwantlen University College)

Making Transgenes Visible: Knowledge Work in the Movement against Genetically Modified Corn in Mexico

Abby J. Kinchy (University of Wisconsin-Madison)

Tangible Evidence, Trust and Power: Interlocking Systems of Perception of Community Environmental Health Studies

Madeleine Kangsen Scammell (Boston University

School of Public Health), Laura Senier (Brown

University), Jennifer Rene Darrah (Brown University)

Neighborhood Environments and Vulnerability to Heat Stress

Sharon L. Harlan (Arizona State University), Anthony

Brazel (Arizona State University), Lela Prashad

(Arizona PIRG), William L. Stefanov (Lyndon B.

Johnson Space Center), Larissa Larsen (University of Michigan)

Seeing Shades: Ecologically and Socially Just Labeling?

Alison Grace Cliath (Washington State University)

Why do Suburban Sprawl and Tropical Deforestation seem so Difficult to Stop?: An Analytic Comparison

Thomas K. Rudel (Rutgers University)

E&T Open Session.

Culture, Environmentalism, and Social Justice

Scheduled Time: Fri, Aug 11 - 10:30am - 12:10pm

Building: Palais des congrès de Montréal

Session Organizer: Stella M. Čapek (Hendrix College)

President: Beth Schaefer Caniglia (Oklahoma State University)

The Practice of Environmentalism: Creating Ecological Habitus

Randolph Brent Haluza-DeLay (The King's University College)

Mobilizing American Environmentalism: The Role of Rachel Carson's Silent Spring

Craig R. Humphrey (Pennsylvania State University),

Tammy Lewis (Muhlenberg College)

The Potential for an Environmental Justice Movement in British Columbia.

Joanna L Robinson (University of British Columbia),

David B. Tindall (University of British Columbia)

TV, Commoditization and Environmental Degradation: A Critical Assessment of the Utilization of Television to Promote an Environmental Ethic
Lindsay Erin Young (Drexel University), Robert Brulle (Drexel University)

E&T Regular Session.

Society and Nature: Theoretical Approaches

Scheduled Time: Fri, Aug 11 - 2:30pm - 4:10pm

Building: Palais des congrès de Montréal

Session Organizer: Stella M. Čapek (Hendrix College)

Presider: Riley E. Dunlap (Oklahoma State University)

Critical Human Ecology: Historical Materialism and Natural Laws

Richard F. York (University of Oregon), Philip Michael Mancus (University of Oregon)

Decentering Environmental Sociology: Lessons from Post-Humanist Science and Technology Studies

Lisa Asplen (University of Illinois at Urbana-Champaign)

Bourdieu and the Environment: Toward an Integrated Model for Environmental Sociology

Bryan Snyder (University of Colorado, Boulder)

Anthropocentrism and Environmental Sociology: Re-evaluating the HEP-NEP Dichotomy

Mark Christopher John Stoddart (University of British Columbia)

Discussant: Riley E. Dunlap (Oklahoma State University)

E&T Roundtables

Scheduled Time: Fri, Aug 11 - 4:30pm - 5:30pm

Building: Palais des congrès de Montréal

Session Organizer: Jan-Martin Meij (Oklahoma State University)

Table 01. Science and Culture

Scientists as Forecasters of Catastrophic Environmental Events: Katrina Predictors and Their Effect

Shirley Laska (University of New Orleans), Steve Kroll-Smith (Univ of North Carolina, Greensboro), Lee Clarke (Rutgers University)

A Not-So-Therapeutic Community: New Orleans' Response to Hurricane Katrina

Nicole Youngman (Tulane University)

Human Biomonitoring in the Print Media: Representations of a Burgeoning Technique

Rachel S. Washburn (University of California, San Francisco)

Culture, Transboundary Risks and Precautionary Environmental Policy in Europe

Norah MacKendrick (University of Toronto)

Table 02. Global Dimensions of Environmental Change

Globalization, the Transnational Organization of Production, and Air Pollutants: A Cross-National Study

Andrew K. Jorgenson (Washington State University), Chris Dick (Washington State University)

Between Reason and Region: The Contribution of Individual and Country Level Variables to Explaining Environmental Activism

Oren Pizmony Levy (Indiana University), Avi Gottlieb (Freie Universitaet Berlin)

Pathways to Environmental Activism: Identifying Patterns Cross-Nationally

Sandra T., Marquart-Pyatt (Utah State University)

Ecological Crises and their Systemic Origins: Historical East Asia in the Midst of a Dark Age
Daniel Sarabia (Roanoke College)

Table 03. New Directions in Research in Environmental Justice

Environmental Justice and Diesel Exhaust: Object Conflicts, the Environment, and Technology

David J. Hess (Rensselaer Polytechnic Institute)

Where We Live, Work, Eat and Play: Approaching Food from an Environmental Justice Perspective

Alison Hope Alkon (University of California-Davis)

Denied Access to Traditional Foods: Including the Material Dimension to Institutional and Environmental Racism

Kari Marie Norgaard (Whitman College)

Local Environmental Struggles, Environmental Injustice, and Frame Construction: the Case of Bergama, Turkey

Nahide Konak (Buffalo State College)

Table 04. Lessons From U.S. Case Studies

The Story of CHE: Environmental Challenges in the Atomic City

Tamara L. Mix (Oklahoma State University), Thomas E. Shriver, Sherry Cable (University of Tennessee)

Narrating Place, Negotiating History: The Story of Between the Rivers

Damayanti Banerjee (University of Wisconsin-Madison)

Organic Movement Strategy after the National Organic Program

Brian K. Obach (SUNY- New Paltz)

The Superfund Process: Case Study Analysis of two New Hampshire Towns

Sandra George O'Neil (Boston College)

Using Event History Analysis to Examine Twenty-Three Years of Superfund Listings

Sandra George O'Neil (Boston College)

Table 05. Labor, Health, and Environment in a Transnational Context

Thinking Globally, Acting Locally: Transnational Environmental Movement Organizations' Involvement in Local Campaigns

Stephen M. Zavestoski (University of San Francisco)

The Marginalization of Pineros (Immigrant Forest Workers) in the Pacific Northwest

Brinda Sarathy (University of California, Berkeley)

Understanding Environmental Regulation in Mexico: A Case For and Against Rationalization

Diane C. Bates (The College of New Jersey)

Table 06. Revisioning Energy Use

Biodiesel and Ecological Modernization: New Fuel or Radical Social Change?

Eric J. Krieg (Johnson State College)

Is Nuclear Power Part of the World's Sustainable Development Future?

Elizabeth L. Malone (Pacific Northwest National Laboratory), Beth Schaefer Caniglia (Oklahoma State University)

The Effect of Japanese Civil Society on Urban Industrial CO₂ Emissions

Stephan Scholz (Global Carbon Project/University of Arizona)

Table 07. Theoretical Paradigms

Integrating Conceptual Frames of Beck, Firey and Ostrom into a More General Theory of the Environment

Karen Manges Douglas (Sam Houston State University), Gideon Sjoberg (University of Texas-Austin)

The Environment as Lifeworld: Using Habermas' Theory of Communicative Action in the Environmental Discourse

Andrew V. Bedrous (University of Nebraska--Lincoln)

Table 08. Big Questions in Environmental Sociology: Off-the-Record and Off-the-Cuff

Table 09. The American Environmental Movement

Environmental Movement Organizations and Computer Mediated Communication: Intersections of Strategy, Resources, and Identity in Communication Technology

Tomoyasu Nakamura (University of Oregon), Michael Dreiling (University of Oregon), Ryan J. Jonna (University of Oregon), Nicholas Lougee (University of Oregon)

Ecological Worldview as the Central Component of Environmental Concern: Clarifying the Role of the NEP

Chenyang Xiao (Albright College), Riley E. Dunlap (Oklahoma State University)

Working for Change: Tactics of German Environmental Organizations

William T. Markham (University of North Carolina, Greensboro)

E&T Section Business Meeting

Time: Fri, Aug 11 - 5:30pm - 6:10pm

Place: Palais des congrès de Montréal

E&T Section Reception

Time: Fri, Aug 11 - 5:30pm - 8:15pm

Place: Spa Sinomonde, Holiday Inn Select

ASA Thematic Session. The Flooding of New Orleans: Views From Up Close

Scheduled Time: Sat, Aug 12 - 10:30am - 12:10pm

Building: Palais des congrès de Montréal

Session Organizer: Kai Erikson (Yale University)

Session Organizer: Shirley Laska (University of New Orleans)

President: Kai Erikson (Yale University)

Come Hell and High Water: Learning the Lessons of Katrina

William R. Freudenburg (University of California, Santa Barbara), Robert B. Gramling (University of Louisiana, Lafayette)

Boots on the Ground: Communication, Leadership, and First- Responders to the Flooding of New Orleans

Pamela Jenkins (University of New Orleans), Steve Kroll-Smith (Univ of North Carolina, Greensboro)

After the Storm: How Return and Non-Return Migrants from New Orleans Are Adapting

James R. Elliott (Tulane University)

Recovery Denied: Therapeutic and Corrosive Patterns in the Aftermath of Katrina

J. Steven Picou (University of South Alabama), Brent K Marshall (Univ of Central Florida)

Discussant: Shirley Laska (University of New Orleans)

Session In Exile. The Future of Environmental Sociology and the Environmental Sociology of the Future

Scheduled Time: Sat, Aug 12 – 2:00pm – 5:00pm

Building: Holiday Inn Select, Dahlia Room

Introduction: Maurie Cohen, *New Jersey Institute of Technology*

Panelists: Penelope Canan, *University of Central Florida*, Michael Carolan, *Colorado State University*, Peter Dickens, *University of Cambridge*, William Freudenburg, *UC Santa Barbara*, Steve Kroll-Smith, *UNC Greensboro*, Jean-Guy Vaillancourt, *Université de Montréal Rapporteur*, Riley Dunlap, *Oklahoma State University*

**Environmental Sociology at
Michigan State University**
by Tom Dietz

Michigan State has long been noted for its strengths in environmental sociology. At the beginning of the 21st century, that strength is being revitalized as part of exciting new developments within the Sociology Department and as part of the overall MSU emphasis on environment. The result is a graduate program of extraordinary depth and breadth.

The University. MSU has identified environment as one of its major themes and instantiates that commitment with the new Environmental Science and Policy Program (ESPP) (<http://www.environment.msu.edu>). ESPP is the umbrella for all environmental research and graduate education at MSU. Over 160 faculty from more than 40 departments participate, including a dozen Sociology faculty. ESPP leads an internal research initiative to promote formation of interdisciplinary teams for environmental research. It also offers a high visibility PhD specialization in Environmental Science and Policy. A graduate specialization in Environmental Policy is in development.

MSU is also planning a parallel initiative in the area of "Risk, Values and Decision Making" to better understand societal and individual actions in areas such as environment, climate change, cyber security, homeland security, food safety, and nanotechnology. Both the Department of Sociology and the College of Social Sciences are strong participants in these initiatives, with the College of Social Science serving as lead College for both ESPP and the emerging risk initiative.

The Department. The Sociology Department (<http://www.sociology.msu.edu/>) has organized itself around the general theme of Global Transformations. Within that theme are four focus areas: Gender and Family; Health and Well-being; Urban, Race and Migration and Food, Agriculture, Environment, Science and Technology (FEAST). The focus areas identify clusters of interest among the faculty. Environmental sociology is most strongly represented in the Food, Agriculture, Environment, Science and Technology cluster but emerges in other clusters as well. Not all students engage all elements of the FEAST focus, of course, but many combine their interests in environment with interests in food and agriculture or in science and technology, even as still others have interests that link environment to other departmental foci. In addition to the four focus areas, the department is also notable for clusters of faculty

working in a number of other areas important to environmental sociology, including animals and society, risk, and social movements. The Department also has a long tradition of international work which matches MSU's commitment to global engagement. The Department is the editorial home to *Human Ecology Review*, a leading interdisciplinary social science journal (www.humanecologyreview.org).

Our graduate students receive financial support from a number of sources. So far, Sociology students have won one quarter of the prestigious Doctoral Fellowships awarded by the Environmental Science and Policy Program. Our students also have been successful in winning University Distinguished Fellowships. And of course, the Department hosts a variety of research projects funded by both internal and external funds that provide research assistantships. Teaching assistantships and lectureships are also available both within the department and in units that offer interdisciplinary undergraduate social science courses.

The Sociology Department is in a phase of very dynamic growth, with eight tenure stream faculty having joined us in the last three years. We anticipate further growth, including several positions directly related to environmental sociology. This gives us the opportunity to revise the graduate curriculum in environmental sociology to reflect the talents of our new colleagues and the university-wide environmental program.

The strength of a program resides in the faculty and students. So perhaps the best way to appreciate environmental sociology at MSU is to consider the faculty who are involved. We think the depth and diversity of our faculty provide one of the world's finest opportunities for graduate education in environmental sociology. And MSU is an institution with low barriers to interdisciplinary cooperation. Many Sociology faculty have joint appointments with other units. In addition, there is substantial social science strength in many of the 40 departments that participate in the environmental initiative (see <http://environment.msu.edu/people/faculty.html>). So this list of Sociology faculty is only the core of what is a diverse and dynamic environmental social science community.

Marilyn Aronoff specializes in community theory and research, processes of collective action, and qualitative field methods. Central to her interests are the variations observed in local community responses to economic and environmental crises. She is currently working on a comparative study of the range

of local reactions to toxic waste contamination in Michigan Superfund site communities. Variations in the level and type of local mobilization, revealed in the aftermath of these disasters, are examined in relation to differences in the characteristics of the local communities that face them and the particular patterns of external intervention experienced in their aftermath. The project hopes to retain the depth of understanding achieved in qualitative community studies while overcoming the limitation of dependence on only a very small number of cases as we seek to understand the range of variation in human response. Email: aronoffm@msu.edu

Thomas Dietz is Director of the Environmental Science and Policy Program (environment.msu.edu), Assistant Vice President for Research and Graduate Studies, and Professor of Sociology and of Crop and Soil Sciences. He currently chairs the U.S. National Research Council Panel on Public Participation in Environmental Assessment and Decision Making (http://www7.nationalacademies.org/hdgc/Public_Participation.html) and is editor for "Decision Making" for the *Earth Encyclopedia* (<http://www.earthportal.net/about/about/>) His current research examines the human driving forces of environmental change (www.stirpat.org), environmental values and the interplay between science and democracy in environmental issues. Dr. Dietz is an active participant in the Ecological and Cultural Change Studies Group (<http://ecoculturalgroup.msu.edu/>) at MSU. Email: tdietz@msu.edu

Geoffrey Habron was born in Pleasantville New Jersey. After 2 brief years there, his parents Jim and Juanita, brother James and himself moved to Thailand where his dad worked for the U.S. Agency for International Development. They spent 5 years there before moving back to P'ville for a couple of years. They then spent 4 years in Nicaragua returning to live in East Orange, New Jersey where James and he attended Montclair Kimberley Academy in Montclair, New Jersey. James ran off to Cornell University, while he went to the warmth of University of Miami where he majored in Biology with minors in Marine Science and Caribbean, African and African-American Studies. He spent 3 years in the Peace Corps on the island of St. Lucia, followed by 2.5 years getting his masters degree in Fisheries from Mississippi State University in Starkville. He then worked for the National Marine Fisheries Service in Silver Spring Maryland and then the Chicago Academy of Sciences in Chicago, Illinois. He finished his Ph.D. in Fisheries at Oregon State University. If you want the gory details of all his work/education meanderings, check out his resume.

He is currently an Associate Professor at Michigan State University with a joint appointment in the Department of Fisheries and Wildlife and the Department of Sociology. He focuses on community-based conservation, particularly community-based adaptive watershed management. Email: habrong@msu.edu

Craig Harris focuses on the behavior of tightly and moderately coupled social-natural systems, including agriculture, fisheries, and food safety. Craig is particularly interested in co-evolutionary processes that operate across organizational (individual, family, community, watershed) and spatial (field, farm, region, globe) scales. Craig has done work inter alia on pest management in fruit and vegetable production, the construction of food safety, and the development of science for fisheries management. Craig has conducted research in Michigan, Taiwan, Senegal, Uganda, Kenya, Tanzania, and Bulgaria. Craig teaches courses in the social ecology of development, society and environment, and earth systems science. He is appointed in the Michigan Agricultural Experiment Station, and in the National Food Safety and Toxicology Center. He is a member of the core faculties of the African Studies Center, the Asian Studies Center, the Center for European and Russian Studies, the Center for Advanced Studies in International Development, and the Center for Women in International Development. Craig earned his B.A. degree from Lawrence University in Appleton, Wisconsin in 1968, and his Ph.D. degree from the University of Michigan in 1978. Email: craig.harris.@scc.msu.edu

Daniel Jaffee examines the effects of economic globalization and neo-liberal policies on environmental and social conditions for rural communities and small agricultural producers in the global South, particularly Latin America. His work has focused on fair trade as an alternative model of international economic exchange, examining the benefits – and limitations – of participation in fair trade markets for peasant commodity producers. He has conducted extensive field work in rural Mexico, both on certified organic and fair trade coffee production, and also on indigenous community forestry management as a conservation/development strategy. His book, *Brewing Justice: Fair Trade Coffee, Sustainability and Survival*, is forthcoming from University of California Press. He is also interested in grassroots social movements around sustainable agriculture and resource use in both North and South, as well as issues of access to and control/privatization of commons resources, particularly water. Other

interests include environmental justice issues and transportation policy.

Email: jaffee@msu.edu

Nan E. Johnson (Ph.D., Penn State University) specializes in Demography, Aging and the Life Course, Rural Sociology, and Research Methods. She has a half-time research appointment with the Michigan Agricultural Experiment Station. Her current research has two themes: 1) the interrelationships of physical disability, the search for caregivers, and older-adult migration between non-metropolitan and metropolitan counties; and 2) the barriers of "place" to the adoption of assistive technologies. She is launching a new comparative research project on second-home ownership in amenity-rich rural counties by "snowbirds" in the Carolinas and "sunbirds" in Michigan. She routinely teaches Soc 850 (Population, Food, and Rural Development), a graduate seminar. Representative publications include *Changing Rural Social Systems: Adaptation and Survival* (with Ching-li Wang, Mich. State Univ. Press, 1997) and *Critical Issues in Rural Health* (with Nina Glasgow and Lois Wright Morton, Blackwell Publishing, 2004). johnsonn@msu.edu

Linda Kalof is Professor of Sociology and of Community, Agriculture, Recreation & Resource Studies. Using a visual studies framework, she examines the cultural representations of humans and other animals, gender, sexuality and the links between culture and nature. Her publications include *Evaluating Social Science Research* (Oxford, 1996), *Looking at Animals in Human History* (Continuum, 2006), *The Earthscan Reader in Environmental Values* (James & James, 2005), *Animals in the Ancient World* (Berg/Palgrave, Forthcoming 2007), and *The Animals Reader: The Essential Classic and Contemporary Writings* (Berg/Palgrave, Forthcoming 2007). She edits two book series, *A Cultural History of the Human Body* and *A Cultural History of Animals*, the academic journal *Human Ecology Review*, and the Animals and Society Section for *The Encyclopedia of Earth* (<http://www.earthportal.net/about/about/>). Kalof has published more than 30 peer-reviewed articles and book chapters, invited encyclopedia articles on animals in art and the sociology of femininity, and she is listed in *Who's Who in America*, *Who's Who in the World*, *Who's Who of American Women* and the *Directory of American Scholars*.

Email: Lkalof@msu.edu

Stan Kaplowitz (Ph.D. U of Michigan) specializes in social psychology, especially of attitudes and communication; He also applies quantitative methods to predicting risk of lead poisoning from environmental

and socio-demographic data. He has a developing interest in the social psychology of environmental concern. He teaches the graduate sequence in Analysis of Social Data as well as Social Attitudes and undergraduate courses in Social Psychology and Political Sociology. Representative publications include: "Perceptions of Economic and Behavioral Differences between Blacks and Whites, Racial Attitudes of White Americans and Status Generalization." *Social Psychology Quarterly* (2006) (forthcoming); "Attitudes of the Food Industry towards Safety Regulations: Descriptive Statistics and Some Major Predictors" *Human Ecology Review* 13:11-22 (2006); "How Accurate are Perceptions of Social Statistics about Blacks and Whites?: Effects of Race and Education." *Public Opinion Quarterly* 67: 237-243 (2003); "Socio-linguistics and Inter-cultural Orientation: A Bayesian Model of Communicative Competence in Intercultural Interaction." *Human Communication Research* 27: 350-381 (2001).

Email: kaplowi1@msu.edu

Sabrina McCormick is jointly appointed in the Department of Sociology and the Environmental Science and Policy Program. She specializes in environmental sociology, medical sociology, social movements and science studies. In the United States, she has examined the emergence and impact of the environmental breast cancer movement as well as several other health social movements. She is also currently directing a documentary film on three women with breast cancer entitled "No Family History." Dr. McCormick studies energy policy and the anti-dam movement in Brazil with particular attention to new participatory mechanisms the movement has developed.

Email: mccor124@msu.edu

Aaron M. McCright (Ph.D., Washington State University) holds a joint academic appointment in the Department of Sociology and the Lyman Briggs School of Science. He specializes in environmental sociology, political sociology, social movements, social problems theory, and sociology of the body. His intellectual agenda is to enhance our understanding of the relationships among social movements, counter-movements, and the structure of power within the state—particularly concerning problems of environmental degradation and technological risks. He currently conducts research in four areas: (a) the relationship between political ideology and environmentalism; (b) the significance of public opinion and public support for social movements; (c) the mobilization and outcomes of progressive social movements at the municipal level in the United States;

and (d) the ideas of European grand theorists on societal risk and risk management.

Email: mccright@msu.edu

Harry Perlstadt (Ph.D., University of Chicago, M.P.H., University of Michigan) specializes in medical sociology, health care delivery, evaluation research and organizations/occupations. He is the director of Bioethics, Humanities, and Society, a multidisciplinary undergraduate specialization and a master's level program. He has conducted evaluation research for international, federal, state and local agencies and private foundations on programs including community health delivery, health education, substance abuse and violence prevention, HIV-AIDS, and environmental policy. He was a founder and the first chair of the Commission on Applied and Clinical Sociology, chaired the Science Board and Joint Policy Committee of the American Public Health Association, and served on the Scientific Advisory Committee and National Council of the American Lung Association.

Website: www.sociology.msu.edu/hperlstadt.html

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**Call for Abstracts:
Special Issue on Children and Disasters
*Children, Youth and Environments***

An upcoming special issue of *Children, Youth and Environments* will advance scholarly and applied knowledge regarding the experiences of children in disasters. This special issue will help scholars and practitioners gain insight into the unique vulnerabilities and special capacities of children by exploring what disasters do to children and youth, what is done on their behalf, and what they do for themselves.

Special issue authors will examine children's experiences in disasters, while elucidating linkages between disasters and the larger social, economic, political, and cultural contexts in which these events occur. Here disasters are broadly defined as extreme natural, technological, or intentional human-caused events. Manuscripts that are international in scope and address the consequences of disasters for children in the developed as well as the developing world are encouraged. Innovative theoretical, empirical, or methodological manuscripts from various disciplinary perspectives will be considered for inclusion in the special issue. Potential contributors

should submit a one-page abstract to the special issue editor, Dr. Lori Peek (lori.peek@colostate.edu), by **September 15, 2006**. After evaluation of the relevance of the abstracts to the special issue, a number of authors will be invited to submit full manuscripts to the journal for peer review.

Topics for this special issue may include examinations of questions such as: What are the unique costs and consequences of disasters for children and youth? What are children's experiences in disasters? How do children's experiences differ from others around them? Are children more vulnerable in disaster events? If so, in what ways? How do children of different genders, age groups, ethnicities, social class backgrounds, or religions experience and cope with disasters?

In addition to exploring children's vulnerability in disaster, authors are encouraged to look at children's resilience. Specifically, we are interested in views that see children not as passive victims in disasters, but recognize that they have special capacities and strengths that may help with their own recovery, as well as the recovery of those around them. What have children done for themselves to aid in their own post-disaster recovery? What have adults done on children's behalf both prior to and following a disaster to help reduce children's vulnerability? Based on empirical research, what specific actions should be taken to help children prepare for, respond to, and recover from disasters?

Because disasters often damage or destroy the physical spaces in which children live, manuscripts may also explore the ways that loss of space and place may affect children's relationships and social and emotional well-being. In particular, how does the loss of home, school, play areas, and/or community impact children's recovery following a disaster? Can those spaces be rebuilt or reestablished in a just and sustainable manner? In what ways is it possible to actively engage children in pre-disaster planning and post-disaster recovery processes?

For more information, contact: Lori Peek, Special Issue Editor, Department of Sociology, Colorado State University, B-237 Clark Building, Fort Collins, Colorado 80523-1784, USA; 970-491-6777 (telephone); 970-491-2191 (fax); lori.peek@colostate.edu.

Children, Youth and Environments is a peer-reviewed journal with a multidisciplinary audience of researchers, policy makers, and professionals in 143 countries (www.colorado.edu/journals/cye/index.htm).

Job Opening

UNIVERSITY OF CALIFORNIA, DAVIS. Assistant Professor in the Science and Technology Studies Program, with a joint appointment in Anthropology, History, Philosophy, or Sociology, beginning Fall 2007. The appointee must have a broad knowledge of science/technology/medicine studies with a dynamic research program focusing on the life sciences broadly conceived, including medicine, health, the body, sexuality, biotechnology, and ecology. Global or non-western areas of study are especially welcome. Teaching is based on a standard faculty load of four one-quarter courses per year. Candidates should have a Ph.D. by time of appointment and be able to demonstrate excellence in teaching and research.

The STS Program at the University of California at Davis includes participants from members of the Philosophy, History, Sociology, Anthropology, and other departments in the social sciences and humanities, as well as faculty and students in the natural sciences.

Minority and women candidates are especially encouraged to apply. EO/AAE.

Applications received by October 6, 2006 will receive full consideration. Applicants should prepare a curriculum vitae; a cover letter that indicates completed research, current research program, and teaching experience; copies of up to three publications or writing samples representing the applicant's current research. These should be submitted online via <<http://sts.ucdavis.edu/position>> In addition, three letters of recommendation can be submitted online or should be sent to Professor Joseph Dumit, Search Committee Chair, Science and Technology Studies Program, University of California, One Shields Avenue, Davis, CA 95616-8673, USA. TEL: 530/752-5339, FAX: 530/752-8964, e-mail: dumit@ucdavis.edu. Address administrative questions to Lesley Byrns (Office Manager) TEL: 530/752-1291; FAX: 530/752-3156; E-mail: labyrns@ucdavis.edu. The position will remain open until filled.

The University of California, Davis, and the Science and Technology Studies Program are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer.

Publications

Technonatural Time-Spaces

The 'Technonatures' conference series has drawn together environmental sociologists, environmental geographers and scholars involved in science and technology studies since 2003. The first 'Technonatures' publication emerged as the June 2006 edition of *Science as Culture*.

This special edition of the journal, entitled 'Technonatural Time-Spaces', draws together papers presented at the first two Technonatures conferences (at the University of London and Oxford respectively). Articles by Noel Castree, Erik Swyngedouw and Sarah Whatmore amongst others, reflect on the fate of the environmental debate and environmental movements in 'technonatural time-spaces' and explore the strengths and limitations of various 'hybrid' approaches emergent in the environmental social sciences (e.g: Haraway, Latour, Stengers, Deleuze). This is trailed by an article in the Feb 2006 edition of *Environmental Politics*, which explores the implications of 'technonatural' approaches for 'grow or die' debates in environmental sociology (references below). For further information on the 'Technonatures Project' please contact: Dr Damian White, Assistant Professor of Sociology, James Madison University whitedf@jmu.edu

Science as Culture <http://journalsonline.tandf.co.uk/>

Publisher: Routledge, part of the Taylor & Francis Group
Issue: Volume 15, Number 2 / June 2006
Special Issue: Technonatural time-spaces

Introduction: Technonatural time-spaces pp. 95 – 104
Damian White and Chris Wilbert

Circulations and metabolisms: (Hybrid) Natures and (Cyborg) cities pp. 105 – 121

Erik Swyngedouw.

Living cities: Towards a politics of conviviality pp. 123 – 138

Steve Hinchliffe and Sarah Whatmore.

Contested bodies: Property models and the commodification of human biological artifacts pp. 139 – 158

Bronwyn Parry and Cathy Gere.

A congress of the world pp. 159 – 170

Noel Castree.

Environmental Politics, Routledge, part of the Taylor & Francis Group
Volume 15, Number 1 /February 2006
A political sociology of socionatures: Revisionist manoeuvres in environmental sociology pp. 59 – 77

A Climate of Injustice: Global Inequality, North-South Politics, and Climate Policy

J. Timmons Roberts and Bradley C. Parks.

MIT Press, 2007.

(Forthcoming in November)

Chapter 1: Introduction: Wet Feet Marching

Chapter 2: A Model of North-South (Non-)

Cooperation

Chapter 3: Not the Day After Tomorrow: Learning

from Recent Climate Disasters

Chapter 4: Understanding Cross-National Patterns of

Climate Risk

Chapter 5: Fueling Injustice: Emissions, Development

Paths and Responsibility

Chapter 6: Who is Taking Action?

Chapter 7: Equity, Climate Proposals and Two Roads

to Justice after Kyoto

The global debate over who should take action to address climate change is extremely precarious, as diametrically opposed perceptions of climate justice threaten the prospects for any long-term agreement. Poor nations fear limits on their efforts to grow economically and meet the needs of their own people, while powerful industrial nations, including the United States, refuse to curtail their own excesses unless developing countries make similar sacrifices. Meanwhile, although industrialized countries are responsible for 60 percent of the greenhouse gas emissions that contribute to climate change, developing countries suffer the "worst and first" effects of climate-related disasters, including droughts, floods, and storms, because of their geographical locations. In *A Climate of Injustice*, J. Timmons Roberts and Bradley Parks analyze the role that inequality between rich and poor nations plays in the negotiation of global climate agreements.

Roberts and Parks argue that global inequality dampens cooperative efforts by reinforcing the "structuralist" worldviews and causal beliefs of many poor nations, eroding conditions of generalized trust, and promoting particularistic notions of "fair" solutions. They develop new measures of climate related inequality, analyzing fatality and homelessness rates from hydro-meteorological disasters, patterns of "emissions inequality," and participation in international environmental regimes. Until we recognize that reaching a North-South global climate pact requires addressing larger issues of inequality and striking a global bargain on environment and development, Roberts and Parks argue, the current policy gridlock will remain unresolved.

About the Authors: J. Timmons Roberts is Professor of Sociology and Director of the Mellon Environmental Studies Program at the College of William and Mary. Bradley C. Parks is a Development Policy Officer in the Department of Policy and International Relations at the Millennium Challenge Corporation in Washington, DC, and Senior Researcher at The Center for International Policy Research at the College of William and Mary.

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Out of Eden: An Odyssey of Ecological Invasion by Alan Burdick

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Our Affair with El Nino: How We Transformed an Enchanting Peruvian Current into a Global Climate Hazard by S. George Philander

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Other Publications

Thomas Dietz, Elinor Ostrom, and Paul C Stern. 2006. "The Struggle to Govern the Commons." Pp. 126-141 in Donald Kennedy and the Editors of Science. Science Magazine's State of the Planet 2006-2007. Washington, D.C.: Island Press. (Modified version of Thomas Dietz, Elinor Ostrom, and Paul C Stern. 2003. "The Struggle to Govern the Commons." Science 301:1907-1912).

Fisher, Dana R. 2006. Activism, Inc. Stanford University Press (September).

Kenneth A. Gould. 2006. "Promoting Sustainability" in Public Sociologies Reader. Judith Blau and Keri Iyall Smith, editors. Rowman and Littlefield.

Jorgenson, Andrew K. Forthcoming. "Unequal Ecological Exchange and Environmental Degradation: A Theoretical Proposition and Cross-National Study of Deforestation, 1990-2000." *Rural Sociology*.

Jorgenson, Andrew K. Forthcoming. "Foreign Direct Investment and Pesticide Use Intensity in Less-Developed Countries: A Quantitative Investigation." *Society and Natural Resources*.

Jorgenson, Andrew K. and Thomas J. Burns. 2006 (in press). "The Political-Economic Causes of Change in the Ecological Footprints of Nations, 1991-2001: A Quantitative Investigation." *Social Science Research*.

Jorgenson, Andrew K., and Ed Kick (eds.). 2006. *Globalization and the Environment*. Leiden, the Netherlands: Brill Academic Press.

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Pollution Intensity, 1980-1995." *Social Science Quarterly* 87:711-730.

Jorgenson, Andrew K. 2006. "Global Warming and the Neglected Greenhouse Gas: A Cross-National Study of Methane Emissions Intensity, 1995." *Social Forces* 84:1777-1796.

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Rosa, Eugene A. 2006. "Long-Term Stewardship (LTS) and Risk Management: Analytic and Policy Challenges." *Research in Social Problems and Public Policy* (forthcoming).

York, Richard and Eugene Rosa. 2006. "Emissions of Sulfur Dioxide and Nitrogen Oxides in the Modern World-System." Pp. 119-132 in *Globalization and the Environment*, edited by Andrew K Jorgenson and Edward L Kick. Leiden, Netherlands: Brill Press.

York, Richard. 2006. "Ecological Paradoxes: William Stanley Jevons and the Paperless Office." *Human Ecology Review* 13(2): 143-147.

York, Richard and Brett Clark. 2006. "Marxism, Positivism, and Scientific Sociology: Social Gravity and Historicity." *The Sociological Quarterly* 47(3): 425-450.

York, Richard and Brett Clark. 2006. "Science and History: A Reply to Turner." *The Sociological Quarterly* 47(3): 465-470.



Member News

Roberts Awarded James Martin 21st Century School Fellowship at Oxford University's Environmental Change Institute

Information age guru James Martin has created the 21st Century School at Oxford University, with initial participation of the Environmental Change Institute, part of Oxford's University Centre for the Environment. Incoming Environment and Technology section Chair Timmons Roberts has been awarded the fellowship which involves research, guest lectures in the postgraduate programme, and participation in the activities of the 21st Century School such as attending and organizing seminars and workshops and advising on research projects and dissertations. Roberts' research at Oxford is titled "Addressing the Structural Roots of Global Climate Change: Export Profiles, Foreign Assistance, and Pathway Switching to Low-Carbon Development Strategies in Less Developed Countries." The project examines what impact foreign aid may have on greenhouse gas emissions of the world's less developed nations. These emissions will very soon overshadow those of the world's wealthier nations. The research builds on two of Roberts' major research projects: one on the injustice of climate change and the other on the environmental impact of foreign assistance. His research on foreign aid is part of a major interdisciplinary research team at the College of William and Mary funded by the National Science Foundation. With sabbatical support from Oxford and the college for a research assignment, Roberts will spend the 2006-2007 academic year at Oxford.

Tanya Pergola Leads Eco-Educational Safaris

Dr. Tanya Pergola (Sociologist, University of Washington 1999) leads a tour, "Culture, Economy and Sustainable Development", in Tanzania several times a year. Pergola founded and Co-Directs a non-governmental organization named Terrawatu, based in Arusha, Tanzania. In partnership with Global Exchange, San Francisco, Terrawatu guides university students and American citizens interested in African challenges on a 12-day eco-educational safari that brings participants deep into the heart of Maasailand, into Tanzania's famous wildlife parks and on the Swahili Coast for an exploration of Islam in Africa. The next tour is scheduled for October 21 - November 1, 2006. For more information see www.globalexchange.org/countries/africa/tanzania/ and www.terrawatu.org.

William R. Catton Jr. Delivers Paper on Peak Oil



William R. Catton, Jr., first Chair of our Section (1976-77), gave an invited paper at the University of Maryland's 2006 Sustainable Energy Forum devoted to "Peak Oil and the Environment." Catton, who retired from Washington State University in 1989, joined a stellar list of participants (including Lester Brown, Herman Daly and Bill McKibben) in addressing the implications of global oil production constraints. His presentation was entitled, "The Human Trajectory: How Did We Get Here? Where Are We Headed?" Information on the conference can be found at <http://www.beyondpeak.org/>. Enjoying good health at 80, Catton continues to publish and accept speaking engagements. He lives in Lakewood, Washington.

Gene Rosa is an invited keynote speaker at the Risk and Rationalities conference of the ESRC Social Contexts and Responses to Risk Network, at Queens College, Cambridge University in Spring 2007.

Penelope Canan has left the University of Denver and the Global Carbon Project to join Brent Marshall in the recently created doctoral program in Environmental Sociology at the University of Central Florida.

2006 Section Election Results

Council Member

Kari M. Norgaard

Nominations Committee Chair

Thomas K. Rudel

Policy & Research Committee Chair

David Pellow

Publications Committee Chair

William T. Markham

Secretary-Treasurer

David A. Sonnenfeld

Student Representative

Rebecca G. Altman