

AESS CONFERENCE
ENVIRONMENT: THE INTERDISCIPLINARY CHALLENGE
UNIVERSITY OF WISCONSIN-MADISON
October 8-11, 2009

*****FINAL PROGRAM*****

Thursday, October 8th

| | | |
|----------------|--|------------------------|
| 3:00 – 7:00 pm | Registration and Check-In | Annex Room – 2nd floor |
| 5:30 pm | Welcome and Introductions Gregg Mitman, Director, Nelson Institute for Environmental Studies Monty Hempel, Director, Center for Environmental Studies, University of Redlands | Union Theater |
| 5:45 pm | Paul Ehrlich, “The Dominant Animal: Human Evolution and the Environment” Book Signing | Lobby, Union Theater |
| 7:15 pm | AESS and SEJ Reception | Great Hall |

Friday, October 9th

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| 7:00 am | Registration continues | |
| 8:00 am | Call the 2009 Meeting of the AESS to order Welcome by local official and AESS officers Plenary Meeting: The Future of Environmental Higher Ed | Great Hall |
| 9:00 am | Jane Goodall (via satellite phone) The Necessity for Interdisciplinary Scholarship | |
| 9:45 am | Break | Reception Room – 4th floor |
| 10:15 – 11:45 am | CONCURRENT SESSION #1 What is Environmental Studies? Chair: Margaret Kuchenreuther, University of Minnesota-Morris Jim Proctor. Lewis & Clark College <i>Paper: Ecotopia, Environmentalism, and Environmental Studies</i> Shirley Vincent. National Council for Science and the Environment; Oklahoma State University <i>Paper: In Search of Common Ground: Exploring Identity and the Possibility of Core Competence Prescriptions for Interdisciplinary Environmental Programs</i> Mark Meisner. SUNY-ESF Department of Environmental Studies <i>Paper: Problem Posing in Environmental Studies and Sciences</i> Richard McNeil. Cornell University Dept. of Natural Resources <i>Paper: A Framework for an Academic Discipline of Environmental Studies</i> | Playcircle – 2nd floor |

Round table: Climate Change Education

Beefeaters – 3rd floor

Chair: David Hassenzahl. University of Nevada, Las Vegas

Nicky Phear. University of Montana

Paper: Undergraduate Minor Degree in Climate Change

Amy Northrup. University of Nevada, Las Vegas

Paper: Climate Education Trends and Practices

Andy Jorgensen, University of Toledo/National Council on Science and the Environment

Paper: Developing curricular resources

Arnold Bloom. University of California, Davis

Paper: Example introductory course

William Burns. Santa Clara University School of Law

Paper: TBA

Acoustic Habitats: Sound monitoring and effects

on wildlife

Old Madison East – 3rd floor

Chair: Jim Cummings. Executive Director, Acoustic Ecology Institute

Paper: Acoustic Ecology: An overview of key research initiatives and public policy responses to the emerging understanding of the effects of human noise on wildlife

Denise Risch, Ph.D., Passive Acoustics Program, NOAA Northeast Fisheries Science Center

Paper: Sound budgets: Assessing ambient natural and anthropogenic sounds in Stellwagen Bank National Marine Sanctuary

Stuart Gage. Director, Computational Ecology and Visualization Laboratory (CEVL), Michigan State University

Paper: Listening in on landscape ecology: the use of autonomous recorders in diverse habitats

Frank Turina. National Park Service, Natural Sounds Program Center

Paper: Using acoustic monitoring and analyses to manage park resources and values

Senses of Place

Capitol View Room– 4th floor

Chair: Hilary Nixon. Department of Urban & Regional Planning, San Jose State University

Stephen Rust. University of Oregon

Paper: Border Animals: Suburban Space, Environmental Animation, and the Ecology of the Family

Kelly Kay. Lewis and Clark College

Paper: Hybrid Landscapes: Production and Consumption of the Notions of Place and Environment in Portland's Community Gardens

Michelle Orzechowski. York University

Paper: Urban Cemeteries: A Source for Green Space, Biodiversity and Community Ties

Ken Yocom. University of Washington

Paper: Building Watershed Narratives: A Holistic Approach for Guiding Urban Stream Rehabilitation Practices

Achieving an Ethic of Sustainability

Roundtable – 3rd floor

Chair: Lucille Lewis Johnson, Vassar College

Timothy Collins. Illinois Institute for Rural Affairs

Paper: Sustainable Land Use Indicators: A Values-based Approach to Implementing a Comprehensive Land Use Curriculum

Christie Manning. Macalester College

Paper: Tips from Psychology to Empower Sustainability

Sal Johnston. Whittier College

Paper: Waste Matters: collaboration, student research and institutional sustainability

Is There a Role for New Nuclear Power in the U.S. Energy Economy?

Inn Wisconsin East – 2nd floor

Chair: Robert Brecha. Dept. of Physics, University of Dayton

Natalie Kopytko. The Evergreen State College

Topic: Climate Change Impacts on Nuclear Reactors

Kathleen Saul. The Evergreen State College

Topic: The Reasons Behind Renewed Interest in Building Nuclear Power Plants in the U.S

Preparing environmental students for the green workforce. Tripp Commons – 2nd floor**Chair: David E Blockstein. Council of Environmental Deans and Directors**

James Eflin, Ball State University

David Schejbal, University of Wisconsin-Extension

Godfrey Uzochukwu, North Carolina A&T

Anamarija Frankic, UMASS Boston

Greg Trudeau, Business Dept., U. Wisconsin-Superior

Water Rights and Water Access

Old Madison West – 3rd floor

Chair: Bob Wilkinson. UC Santa Barbara

Steven Kolmes, Russell Butkus, Mark Kennedy. University of Portland

Paper: Water and the Right to Water: An Interdisciplinary Assessment and Pedagogical Praxis

Nidhi Pasi. State University of New York- College of Environmental Science and Forestry

Paper: Interlinking of Rivers in India: Integrated water resources management or Political decision-making?

Ahmad Safi. University of Nevada—Las Vegas

Paper: Water Technology Transfer: Concern and Limitations

Field Work

Inn Wisconsin West – 2nd floor

Chair: Courtney Carlson. Haub School of Environment & Natural Resources, University of Wyoming

Owen Grumbling. University of New England

Paper: Integrating Field Experience with the Study of Environmental Literature

William R. Godfrey. Environic Foundation International

Paper: Out of Africa: A transdisciplinary model for bringing together traditional academic disciplines and engaging students in sustainability

Dan Moscovici. Arcadia University
Paper: An Environmental and Interdisciplinary Solution - Field Studies Fostering Teaching, Learning, and Research

Todd LeVasseur. University of Florida
Paper: Gender, Models, and Confusion: Interdisciplinary Boundaries and Watering Them Away

11:45 am – 1:15 pm Lunch Great Hall – 4th floor

1:15 – 2:45 pm **CONCURRENT SESSION #2**

Representing climate change through mass media:

interdisciplinary challenges and opportunities

Tripp Commons – 2nd floor

Chair: Max Boykoff. University of Oxford

Andrew Revkin. New York Times

Sharon Dunwoody. University of Wisconsin-Madison

Deborah Blum. University of Wisconsin

Dale Willman. Field Notes Productions

Tom Yulsman. School of Journalism and Mass Communication University of Colorado-Boulder

Top-Down, Bottom-Up and Cross-Border Environmental Management

Old Madison East – 3rd floor

Chair: John Paul. U.S. Environmental Protection Agency, Office of Research and Development

Lauretta Joseph, Gabby Fekete. Environmental Protection Agency, Office of Inspector General

Paper: Border 2012: Challenges in Cross-Border Environmental Management

Richard Mbatu . Department of the Environment and sustainability, Bowling Green State University

Paper: Community Forests Management in Cameroon: An Oxymoron of Top-down and Bottom-up Management Approaches

Riobart E. (Rob) Breen. Siena College

Paper: Creekshed-based environmental democracy in complex ecosocial systems

Katrina Schwartz. U. Florida

Paper: Politics, Policy, and Science: Implementing large-scale ecosystem restoration in the Everglades

Environmental Studies/Sciences and the Humanities

Beefeaters – 3rd floor

Chair: Elisabeth Graffey. US Geological Survey

Bron Taylor. University of Florida

Paper: Dark Green Religion and Environmental Studies

Jeffrey Yule and William Wolf. Louisiana Tech University

Paper: Emphasizing the “Literacy” Component of “Environmental Literacy”: Effectively Integrating Writing into Environmental Studies/Science Classes

Mithilesh K. Pandey. Dept. of English, Banaras Hindu University

Paper: Environmental Imagination: The poetry of William Wordsworth and Kazuyosi Ikeda

**Integrating the Disciplines into Environmental Studies
and Sciences**

Capitol View Room – 4th floor

Chair: Gary Silverman. Bowling Green State University

Eugenie Bietry. Borough of Manhattan Community College, CUNY; Fashion Institute of Technology, SUNY

Paper: Better Integrating Environmental Issues into Introductory Economics Courses

Brad Brewster. The Nelson Institute for Environmental Studies, University of Wisconsin-Madison

Paper: Toward an Environmental Microsociology

Cliff Cain. Franklin College

Paper: State of the Ark: Why Religious Studies Needs Environmental Studies and Why Environmental Studies Needs Religious Studies

Elizabeth Davey. Tulane University

Paper: Exploring the Disciplines in an Interdisciplinary Environmental Studies Major: an Introductory Course at Tulane University

Students and Research

Inn Wisconsin West – 2nd floor

Chair: Gwen Geidel. University of South Carolina.

Diane W. Husic and Frank T. Kuserk. Department of Biological Sciences and Environmental Studies Program, Moravian College

Paper: Enhancing Environmental Studies Programs through Undergraduate Research

Sean Peterson. University of California, Santa Barbara

Paper: If You Can Eat It, You Should: A Student Bio-fuel Analysis

Philip J. Nyhus and Gail Carlson. Environmental Studies Program, Colby College

Paper: The State of Maine as a Laboratory for Student Engagement in Environmental Policy

Ron Sundell. Environmental Science Program, Northern Michigan University.

Rob Stewart, Lakehead University.

Paper: Linking Environmental Education/Research Institutions with Resource Management Agencies and Non-governmental Organizations within the Lake Superior Ecoregion

**Forty Years After the First Earth Day: Looking Back,
Looking Ahead**

Playcircle – 2nd floor

Chair: Bill Freudenburg. University of California, Santa Barbara

Debra Davidson. University of Alberta

Monty Hempel. University of Redlands

Elizabeth Mills. University of Vermont

Jim Proctor. Lewis and Clark University.

David Orr. Oberlin College

Environmental Law and Policy **Inn Wisconsin East – 2nd floor**
Chair: Ernest Diedrich. St. John’s University/College of St. Benedict.

Arthur McEvoy. Southwestern Law School
Paper: Nature, Efficiency, Justice: History and Structure in Environmental Law

Ken Wilkening. University of Northern British Columbia
Paper: Science & Politics of Intercontinental Transport of Air Pollutants: Toward a Law of the Atmosphere?

Eri Saikawa. Princeton University
Paper: The Policy Diffusion Mechanism of Automobile Emissions Standards and Its Impact on Automobile Exports

Graham Bullock. University of California, Berkeley
Paper: Information-Based Environmental Governance: Understanding the Dynamics and Implications of Eco-Labels and Environmental Ratings

Interdisciplinarity from the Frontlines: Reflections on Pedagogy and Practice in an NSF-IGERT Program Old Madison West – 3rd floor
Chair: Andrew Stuhl. UW-Madison, History of Science

Chelsea Schelly. UW-Madison, Sociology/Rural Sociology

Maggie Grabow. UW-Madison, Environment and Resources

Micah Hahn. UW-Madison, Environment and Resources and Population Health Sciences

Robert Beattie. UW-Madison, Associate Director, CHANGE Program

2:45 – 3:15

Break

Reception Room – 4th floor

3:15 – 4:45

CONCURRENT SESSION #3

Public Opinion and Climate Change Tripp Commons – 2nd floor
Chair: David Schlosberg. Northern Arizona University

Shane Teter. Nicolet Area Technical College
Paper: What Would Swamp Thing Do about Global Warming? Or “The Horror!” of Ecological Perspective

Brenda Nordenstam and Dineshkumar Moghariya. SUNY ESF
Paper: Risk Perception and Adaptation to Climate Change in Rural India

Rebecca Romsdahl. University of North Dakota
Paper: The American Heartland and the Climate Change Debate: Attitudes, Policy, and Barriers in Adaptation Planning on the Great Plains

Justice and the Environment in Native American Communities Roundtable – 3rd floor
Chair: Kimberly Smith. Carleton College

Tsegaye Nega. Carleton College
Paper: Equal Rights, Unequal share: Implementing Judicial Allocation to Indian and non-Indian Fisheries in Northern Wisconsin

Sheri Breen, University of Minnesota, Morris
Paper: Understandings of Property and Place in Native American Land Reclamation Projects

Ahmad Safi. University of Nevada Las Vegas

Paper: Environmental Research and Native American Nations: History, Culture and Science

Bernard Perley. University of Wisconsin—Milwaukee

Paper: A Rock Against the River: Indigenous Environmentalism and the Prospects for a Sustainable Future

Beyond the Book: New Media in Environmental Studies and Sciences Pedagogy

Old Madison East – 3rd floor

Chair: Chris Schlottmann. New York University.

Dr. Mathew Johnson. Siena College

Paper: A Social Environment: Uses of social media in teaching Environmental Studies

Claudia Hemphill Pine. Env. Science, University of Idaho

Paper: Environmental Worldviews in Music: A Multimedia Method for Teaching Human-Nature Relationships

Peter Friederici. Northern Arizona University

Paper: Linking the Humanities and the Sciences through Environmental Oral History Research

Mary Annette Rose. Ball State University

Paper: Teacher Professional Development: An Example of Enhancing Environmental Literacy and Technological Assessment Skills

Answering the call: Experiences negotiating the institutional and interdisciplinary challenges of creating a hands-on sustainability undergraduate curriculum

Beefeaters – 3rd floor

Chair: Dustin Mulvaney. Environmental Studies, University of California, Santa Cruz

Christopher Bacon. University of California, Berkeley

Maxwell Boykoff. University of Colorado, Boulder

Tim Galarneau. University of California, Santa Cruz

James Proctor. Lewis and Clark College

Transforming the Campus, Transforming Students

Capitol View Room – 4th floor

Chair: Ron Sundell. Environmental Science Program, Northern Michigan University

Michelle M. Homan

Paper: Use of project-based learning within an introductory environmental science course to enhance campus sustainability

Cheryl Swift. Whittier College

Paper: Activism, Environmental Awareness, and Civic Engagement

Uma Ramakrishnan. Juniata College

Paper: Student Sustainability Survey: Does the Undergraduate Experience Change Student Attitudes and Behaviors?

Michelle Steen-Adams. University of New England

Paper: Does an introductory environmental issues course affect environmental attitudes?: A study of a core curriculum requirement at the University of New England

The Voice(s) of Science

Old Madison West – 3rd floor

Chair: Margaret Reams. Department of Environmental Sciences, Louisiana State University

Janet Fiskio. Oberlin College

Paper: Sonorous Voices: Gary Paul Nabhan's Dialogical Science

Dr. Stacy Rosenberg. SUNY Potsdam

Paper: Local & Regional Decision-makers & Climate Change Scientists: Exploring the Communication Interface

Lisa Doner. Plymouth State University

Paper: The Madison Hills Paleoecology Project: a citizen-science research initiative at Pea Porridge Pond, New Hampshire.

Laura Fanthome. York University, Environmental Studies

Paper: Death Becomes Us: Exploring the Ethics-of-Care for Dogs in Western Pet Culture

Measuring Environmental Quality

Inn Wisconsin East – 2nd floor

Chair: Wubishet Tadesse. Coordinator for Environment, Soil, and Water Sciences Program, Alabama A&M University

Patrick Sullivan. Forensic Management Associates

Paper: Real World Chemical Exposures and Human Health?: Synthetic Chemical Mixtures in Our Food, Water and Air in the United States

André Francisco Pilon. University of São Paulo

Paper: Building New Frontiers: An Ecosystemic Approach to Enhance the Quality of Life

Matthew Heberling, U.S. EPA

Paper: Development and Application of Multidisciplinary Sustainability Metrics to Environmental Management in the San Luis Basin in Colorado

Urban Social-Ecological Systems

Inn Wisconsin West – 2nd floor

Chair: Barbara Goldoftas. Clark University.

Keith G Tidball. Cornell University

Paper: Some Hypothetical Scenarios and Conceptual Models of Urban Social-Ecological Systems: Feedbacks, Attractors, and System States

Paul Gulezian, Kelly Granberg, Jennifer Ison. University of Illinois at Chicago

Paper: Poison Hemlock's Recent Invasion: An Interdisciplinary Analysis

Mary Collins and Leesa Souto. University of California, Santa Barbara & University of Central Florida

Paper: Using Science to Influence Policy: Spatial Analysis Comparing Residential Lawn Care Practices and Localized Water Pollution

Timothy Downs. Clark University

Paper: Participatory Testing and Reporting (PT&R) of Household Environments and Outdoor Particulate Levels in Worcester, Massachusetts: Effectiveness, Findings, and Implications

Mobilizing STEM Education for Sustainability Playcircle – 2nd floor
Chair: Stephanie Pfirman. Barnard College
David E Blockstein. Council of Environmental Deans and Directors
Cathy Middlecamp. Integrated Liberal Studies, U. Wisconsin-Madison
Karen Kashmanian Oates. Division of Undergraduate Education, National Science Foundation

5:00 pm Business Meeting of the AESS Rosewood -2nd floor

6:00 pm **Social & Banquet of the AESS** Great Hall -4th floor
Classical Guitar Music provided by Christopher Bocast, Nelson Institute

7:30 pm The Environmental Legacy of Wisconsin – Curt Meine

Saturday, October 10th

7:00 – 8:00 am **Visit the Farmers Market on the Square**

7:30 am **Hang Posters** Main Lounge -2nd floor

8:15 – 9:45 **CONCURRENT SESSION #4**

Creating an Interdisciplinary Journal: How to Balance Environmental Science and Environmental Studies Tripp Commons – 2nd floor
Chair: Walter Rosenbaum. University of Florida
Walter Rosenbaum, Chair, University of Florida
William Freudenburg, UC Santa Barbara
Kim Smith, Carleton College
Daniel Mazmanian, University of Southern California
Leo Weigman, E to the Fourth Communications Strategy

Environmental Politics and the Academy Inn Wisconsin East – 2nd floor
Chair: Abigail Jahiel. Environmental Studies Program, Illinois Wesleyan University

Lewis Gilbert. Nelson Institute for Environmental Studies
Paper: “Sustainability” is more than “Green”: a framework for university leadership

Aurali Dade. University of Nevada, Las Vegas
Paper: The impact of individual decision making on campus sustainability initiatives

Eban Goodstein. Bard Center for Environmental Policy
Paper: Signs of Change: Engaging Campuses with Congress in Climate Policy Dialogue

Environmental Management as Home Defense Capitol View Room – 4th floor
Chair: Bill Smith. University of Nevada, Las Vegas.

Hilary Nixon. San Jose State University
Paper: Household Hazardous Waste Recycling in San Jose: Methods to Improve Residential Participation

Michelle Orzechowski and Sandi MacPherson. York University
Paper: Leaside and the Talbot Apartments

Glen Asomaning. WWF-West Africa Forest Programme Office
Paper: Alternative Wood for Sustaining Livelihoods in Ghana

Molly Doane. University of Illinois-Chicago
Paper: Translating Nature? Environmental Values in Rural Mexico

Environmental Studies and Sciences and Liberal Education Playcircle – 2nd floor
Chair: Louise Weber. Environmental Studies, Warren Wilson College

Joanne Chu. Agnes Scott College
Paper: Sustainability as Foundational to an Undergraduate Liberal Arts Education: A Baseline Study

Catherine Kleier. Department of Biology, Regis University
Paper: Incorporating an environmental component into a liberal arts college curriculum

Carl A. Zimring and Michael A. Bryson. Roosevelt University
Paper: Creating the Sustainable City: Developing an Introduction to Interdisciplinary Urban Environmental Studies for a General Education Curriculum.

Michael Daley, Owen Grumbling, Richard Peterson. University of New England
Paper: Integration and the Stories We Can Tell

Research Strategies Roundtable – 3rd floor
Chair: William Bromer. University of St. Francis

Ross, J. Ashleigh. University of Wisconsin- New Orleans Sustainable Restoration Workshop
Paper: The role of academic institutions in environmental justice and community rebuilding: A case study of wetland restoration in the Lower 9th Ward of New Orleans

Mitch Bender. St. Cloud State University
Paper: The Big Dividends of a Small Undergraduate Research Group

Nathan Hall. University of North Texas
Paper: Fostering Interdisciplinary Research through the development of an Environmental Science Digital Library

Conflict and Resolution Old Madison West – 3rd floor
Chair: Shirley Vincent. National Council for Science and the Environment and Oklahoma State University

Hilary Boudet. Stanford University
Paper: A Tale of Two Sitings: Contentious Politics in Liquefied Natural Gas Facility Siting in California

Sarah Lashley . University of Michigan, School of Natural Resources and Environment
Paper: Envisioning the Future: Collaborative Problem-Solving in Environmental Justice Communities

Margarita Alario. UW Whitewater
Paper: Natural Resources and Governance Capacity in Relation to Armed Conflict

Biodiversity and Society: Coexistence Explored Reception Room – 4th floor

Chair: Adrian Treves. University of Wisconsin-Madison

Paper: Hunting to conserve large carnivores

Becky Zug. Carnivore Coexistence Lab, University of Wisconsin-Madison

Paper: Andean Bear (Tremarctos ornatus) Presence on Private Lands within Sangay National Park, Ecuador

Taylor Jones. University of Wisconsin at Madison

Paper: Verification methods for Certified Wildlife Friendly properties in and around Sangay National Park, Ecuador

Victoria Shelley. UW-Madison, Nelson Institute for Environmental Studies

Paper: Perspectives on wolf policy among members of the Bad River Band of Lake Superior Tribe of Chippewa Indians

Hadas Kushnir. Conservation Biology, University of Minnesota.

Paper: Barriers to coexistence: A case study of human-lion conflict in Southeastern Tanzania.

Sustainability S.O.S: Same Old Substance or Starting

Over Smartly

Inn Wisconsin West – 2nd floor

Chair: Charles Geisler. Cornell University

Paper: National Security and Land Use Planning: (Dis)connecting the Dots

Allan Mazur, Syracuse University

Paper: A Cross-National Comparison of Energy and Lifestyle

Sharon Moran and Rick Smardon. SUNY-ESF

Paper: New and Improved? Environmental Studies Programs and Sustainability

Brian Czech, Natural Resources Program, Virginia Polytechnic Institute and State University

Paper: Kuznets Curves, Green Growth, and Other Win-Win Scenarios: Realities and Rhetoric.

Incorporating GIS into Undergraduate Environmental Studies

Old Madison East – 3rd floor

Chair: Jean Lavigne. Environmental Studies, College of St. Benedict/St. John's University

Paper: Starting a GIS program in environmental studies

Matthew Stasica. St. John's University;

Paper: Assessing the Pollution Risk for Lakes in the Rice Creek Watershed

Neva Widner. College of St. Benedict

Paper: GIS and Environmental Justice

Drew Hatzenbihler. St. John's University

Paper: Interdisciplinary Connections: GIS as a tool for outreach

Nicholas Hansen. St. John's University

Paper: Greening the Rust Belt

9:45 – 10:15 am

Break

Main Lounge -2nd floor

Challenges to and for Climate Policy

Tripp Commons – 2nd floor

Chair: Ken Wilkening. University of Northern British Columbia

David Schlosberg. Northern Arizona University

Paper: Rethinking Climate Justice: A Capabilities Approach

William Burns. Santa Clara University School of Law

Paper: The Potential Impacts of Ocean Acidification on the Marine Environment and Potential Policy Responses

Elena Maggioni and Daniel Mazmanian. University of Southern California

Paper: The Role of Stakeholders in GHG Policy Formulation, A Comparative State Analysis

Perspectives on Food and Soil

Roundtable – 3rd floor

Chair: Elizabeth Grossman, freelance author/journalist, Portland, Oregon

Edward R. Landa. US Geological Survey

Paper: More than dirt-a new view of Soil and Culture

James Schaefer, Ph.D. Marquette University

Paper: An Interdisciplinary Approach to Mitigating Human-Forced Climate Change through Agricultural Practices in Southeastern Wisconsin

Michael Bell. University of Wisconsin

Paper: From Connections to Contexts: A Post-Systems Approach to Agroecology

Lovell Agwaramgbo. Dillard University

Paper: From Blight to Sustainable Vegetable Garden: Phytoremediation, Community Collaboration and Environmental Consequences on Food and Soil Safety

Teaching Introductory Environmental Studies:**A Facilitated Discussion**

Capitol View Room – 4th floor

Chair: Elizabeth Mills. University of Vermont

Religion and the Study of the Environment

Old Madison East – 3rd floor

Chair: Richard Bohannon. St. John's University*Paper: Nature and the urban apocalypse*

Whitney Bauman. Florida International University

Paper: Religion as Environmental History

Samuel Snyder. Kalamazoo College

Paper: Place-Based and Practiced Values: Insights from Religion and Environmental Pragmatism for Negotiating Multi-Stakeholder, Grassroots Politics

Joseph Witt. University of Florida

Paper: Learning to Live in a World of Wounds: Virtue and the Practice of Ecological Restoration

Gavin Van Horn. Southwestern University

Paper: Making Sense of Data: Narrative and Environmental Topography

Approaches to Interdisciplinarity Inn Wisconsin East – 2nd floor
Chair: Mary Ashley. University of Illinois at Chicago
Paper: Developing an Interdisciplinary Graduate Curriculum in Urban Ecology: Lessons from LEAP

Ghislain Samson. Université du Québec à Trois-Rivières
Paper: The use of environmental issues for applying interdisciplinarity in high school

Karen Fortuin. Wageningen University
Paper: Unifying frameworks for interdisciplinary environmental sciences programs

Empirical Studies of Environmental Studies and Science

Pedagogy and Research Practices Inn Wisconsin West – 2nd floor
Chair: Kate J. Darby. School of Human Evolution and Social Change, NSF IGERT in Urban Ecology, Arizona State University; Steven Semken, School of Earth and Space Exploration, Arizona State University; Stuart Fisher, School of Life Sciences, Arizona State University; Christopher Boone, School of Human Evolution and Social Change, Arizona State University.

Paper: Challenges in the classroom: reconciling student and instructor perspectives on interdisciplinary courses

Mark W. Neff. Consortium for Science, Policy and Outcomes, School of Life Sciences, Arizona State University
Paper: Why do you want to know that? The link between ecology and policy and what it means for research priorities”

Phil Brick. Department of Politics, Whitman College
Integrating Ecology, Policy, and Aesthetics: Stream Restoration Experiences from the Field

Lindsay Whitlow. Seattle University
Service-Learning and Superfund: Assessing contributions of direct and indirect service-learning experiences in ecology

Lessons from Katrina: Academic Institutions, Community Participation and Sustainable Redevelopment Reception Room – 4th floor
Chair: Ashleigh Ross. University of Wisconsin-Madison New Orleans Sustainable Restoration Workshop

Paper: Community-based action research and its role in sustainable development.

Herb Wang. University of Wisconsin-Madison New Orleans Sustainable Restoration Workshop
Paper: Developing academic programming with an emphasis on environmental justice.

Bill Freudenburg. University of Santa Barbara
Paper: Lessons from Hurricane Katrina.

Austin Allen. University of Colorado-Denver
Paper: Community participation in environmental planning.

Charles Allen III. Holy Cross Neighborhood Association.
Paper: TBA

Critical Stances

Old Madison West – 3rd floor

Chair: Rebecca Potter. University of Dayton.

Xinmin Liu. University of Pittsburgh

Paper: Viewers' Discretion Advised? Ethical Dilemma of Manufactured Landscape

Jennifer McErlean. Siena College

Paper: Aldo Leopold as Walzerian Critic

John M. Jermier. College of Business, University of South Florida

Paper: Towards a Theory of Corporate Greenwashing

Richard Kahn. University of North Dakota

Paper: Operation Get Fired?: Counterstories of the Academic Repression of Radical Environmentalist and Animal Rights Advocate-Scholars

Facilitated Discussion: Professional Development

Playcircle – 2nd floor

11:45 am – 1:15 pm Lunch (on your own)1:15 – 2:45 pm **CONCURRENT SESSION #6**

The Future of Global Environmental Management

Tripp Commons – 2nd floor

Chair: Rebecca Johnson. University of Colorado at Boulder.

Michael E. Kraft. University of Wisconsin-Green Bay

Paper: Global Environmental Policy: From George Bush to Barack Obama

Dr. William C.G. Burns. Santa Clara University School of Law

Paper: Adapting to Climate Change: Institutional Responses and the Way Forward

Joseph V. Siry. Rollins College

Paper: Newly emerging roles for wildlife protection in human adaptation to global warming and abrupt climate change.

Ricardo Simmonds. University of Colorado at Boulder

Paper: Reconciliation Environmentalism: The influence of religion and philosophy in the environmental ideas of today

The Pedagogy of Applied Problem Solving in Environmental**Studies - A Discussion of Tools, Methods, and Curricula** Capitol View Room – 4th floor**Chair: Richard L. Wallace. Ursinus College**

Marketing the Environment

Inn Wisconsin East – 2nd floor

Chair: Brian Czech, Natural Resources Program, Virginia Polytechnic Institute and State University

Megan Pease. Gaylord Nelson Institute for Environmental Studies

Paper: An interdisciplinary methodology for performing a comparative analysis of alternative fuels

Barbara A. Lafferty. College of Business, University of South Florida

Paper: Forms of Voluntary Simplification and Environmentalism

Elizabeth N. Shapiro. University of California, Berkeley

Paper: Nair the Twain Shall Meet? Multidisciplinary Methods to Analyze the Efficiency and Equity of the Mexico's National Payment for Ecosystem Services Program

Surbhi Sharma. Department of Environmental Studies, University of Nevada-Las Vegas
Paper: Ecological economics, Environmental economics, and their implications on national policies of sustainable development

**A Useable Past: A Roundtable Discussion on the Role of
Historians in Environmental Studies Programs**

Old Madison East – 3rd floor

Chair: George Vrtis. Carleton College

Christopher Wells. Macalester College

Jim Feldman. University of Wisconsin, Oshkosh

Kent Curtis. Eckerd College

William Barnett. North Central College

Environmental Risk and Environmental Responsibility

Reception Room – 4th floor

**Chair: Timothy J. Downs. Environmental Science & Policy
Program, Clark University.**

David Hassenzahl. University of Nevada, Las Vegas, with Robert Goble. Clark University,
Massachusetts

*Paper: Managing Highly Uncertain Risks: Unused Pharmaceuticals, Climate Change and
Nuclear Waste*

Elaine Grehl. University of Illinois-Chicago

Paper: Governing a Sustainable Society: Emergent Responsibilities

Jovita Esechie and Dr. Olurominiyi Ibitayo. Urban Planning and Environmental Policy,
Texas Southern University

*Paper: The Exposure of Migrant Greenhouse Workers to Agricultural Pesticide in the
Batinah Region of the Sultanate of Oman: Implications for Risk Communication and
Government Policy*

Jeffrey Alan Johnson. Westminster College

Paper: Environmental Justice in Salt Lake County, Utah

Conservation Strategies

Roundtable – 3rd floor

Chair: Nancy Mathews. The Nelson Institute, University of Wisconsin

John Zinda. University of Wisconsin - Madison

*Paper: Changing Places: Conservation NGOs and Domestic Actors in China's New
National Parks*

Karin Schwartz. Chicago Zoological Society

*Paper: Interdisciplinary collaboration strengthens integration of ex situ and in situ
endangered species conservation efforts*

Peter Smallwood. University of Richmond

Paper: Afghanistan: Conservation in a Country in Conflict

Tracy Heatherington. University of Wisconsin-Milwaukee

Paper: Banking on Extinction: Cultural Perspectives on Genetic Rescue

Interdisciplinary Faculty and Administrative Arrangements -

Roundtable Discussion

Inn Wisconsin West – 2nd floor

Chair: David Schlosberg. Northern Arizona University

Sharon Friedman . Lehigh University

Stephanie Pfirman. Barnard College

Stephen Zavestoski. University of San Francisco

Facilitated Discussion: Integrating Environmental Studies into

Design and Planning Curricula: The potential for design studios

to engage interdisciplinary environmental challenges.

Old Madison West – 3rd floor

Chair: Julie Johnson. University of Washington

Ken Yocom. University of Washington

Sally Schauman. Duke University & University of Washington

Facilitated Discussion: Curriculum Reform in Environmental

Studies and Sciences

Playcircle – 2nd floor

2:45 – 3:15 pm

Break

Main Lounge – 2nd floor

3:15 – 4:45 pm

CONCURRENT SESSION #7

From human dimensions to humanism: Dilemmas in the interdisciplinary study of human relationships with the environment

Reception Room – 4th floor

Chair: Robin Globus. Religion and Nature Program, University of Florida

Paper: From Barriers to Bridges: Examining the Role of Narrative in Interdisciplinary Scholarship.

Amy Brown. Religion and Nature Program, University of Florida

Paper: Materialism, Feminism and Science: The Importance of Dissolving Dualisms.

William Jordan III . DePaul University Institute for Nature and Culture

Paper: Ransacking the Disciplines: A Tour of the Academy on Behalf of Ecological Restoration

Rachel Pawlitz. School of Natural Resources and the Environment, University of Florida

Paper: Modern Watershed Development, the Science Wars, and Contrasting Explanations of Unsustainability.

Greening the Academy: How Environmental Studies is Transforming Higher Education

Old Madison East – 3rd floor

Chair: Kimberly Smith. Carleton College

Phil Camill. Bowdoin

Paper: The Future of Environmental Studies

Jen Everett. DePauw

Paper: Sustainability and the Disciplines

David Whiteman. University of South Carolina

Paper: The Green Quad as a Catalyst for Change: Spreading Green Values Across the University

Round table: bridging environmental science and public health education

Inn Wisconsin East – 2nd floor

Chair: David Hassenzahl. University of Nevada, Las Vegas.

William Sullivan. U of Illinois, Champagne-Urbana

Caryl Waggett. Allegheny College

Robert Goble. Clark University, Massachusetts

Gary Silverman. Bowling Green State University

Paper: Integrating Environmental Health with Environmental Science and Environmental Studies

Environmental Studies and Community Based Research:

The importance of place in student learning.

Capitol View Room – 4th floor

Chair: Dr. Jean Mangun. Environmental Studies, Siena College.

Paper: Using ASL/CBR with Natural Resource undergraduates in southern Illinois.

Dr. Mathew Johnson. Siena College.

Paper: Using CBR with Environmental Policy undergraduates in the Capital Region of New York.

Dr. Rob Breen. Siena College.

Paper: TBA.

Disaster and Resilience

Roundtable – 3rd floor

Chair: William Mahaffey. Pelorus EnBiotech Corporation

William Freudenburg. UCSB

Paper: Disaster by Design? The Man-Made Causes of Damage, from Hurricane Katrina and Beyond (with co-authors: Robert Gramling, U. Louisiana; Shirley Laska, U. New Orleans; and Kai Erikson, Yale U.)

Nina Lam . Dept. Environmental Sciences, Louisiana State University

Paper: A Framework for Measuring Community Resilience by Drs. Nina Lam and Margaret Reams

Samuel Benoit. Carleton University / The Otehsa Project

Paper: Tillich on Faith and Hope

Developing an Environmental Studies Program

Playcircle – 2nd floor

Chair: Bron Taylor. University of Florida

David Barnhill. The University of Wisconsin Oshkosh

Martha Richmond. Suffolk University

Paper: Issues in Launching a New Environmental Studies Program

Thomas Ankersen. University of Florida

Paper: The New Normative?: The Role of Sustainability as an Organizing Principle of Higher Education

Facilitated Discussion: Bridging the Divide Between Environmental Studies and Sciences

Tripp Commons – 2nd floor

Facilitated Discussion: Innovations in Teaching

Inn Wisconsin West – 2nd floor

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| 4:45 pm | Meeting of the AESS Humanities Group | Memorial Union Terrace |
| 4:45 – 6:00 pm | Poster Session | Main Lounge – 2nd floor |
| | 1. Patrick Crumrine, Lauren Dubiel, Tiffany Lindsay, Rebecca Livingston, Evan Nolan, Brian Yates. Environmental Studies Program, Rowan University. <i>Poster: Effects of Ecosystem Service and Citizenship Lessons on Environmental Attitudes and Behaviors of Fourth Grade Students</i> | |
| | 2. Rebecca Johnson. University of Colorado at Boulder. <i>Poster: Carbon Impacts of the Smart Grid</i> | |
| | 3. Gemma Barrett Texas A&M University <i>Poster: Bed Elevation Change at Matagorda Peninsula, Texas and Santa Rosa Island, Florida and its Effect on the Larger Coastal Environment</i> | |
| | 4. James F.P. Cotter University of Minnesota Morris <i>Poster: The University of Minnesota Morris (UMM) STEP Program: increasing STEM majors with a new Environmental Science major and an initiative to encourage the participation of Native Americans in the sciences.</i> | |
| | 5. Mitch Bender. St. Cloud State University <i>Poster: The Big Dividends of a Small Undergraduate Research Group</i> | |
| | 6. Mitch Bender. St. Cloud State University <i>Poster: Using Snapshot Sampling to Characterize an Impaired Water</i> | |
| | 7. Ronald Sundell, Mike Peters, William Severud, and Alec Edgar. Northern Michigan University <i>Poster: Northern Michigan University On-Campus Native Plants Study Area</i> | |
| | 8. Tara Borgerding, Mitch Bender, Chuck Rose and Jorge Arriagada St. Cloud State University <i>Poster: Restoration of Battle Point Park on Lake Osakis, Minnesota</i> | |
| | 9. Dawn Hawkins, David Ziegler and Mitch Bender. St. Cloud State University <i>Poster: Analysis of sediment pond effectiveness near Lake Osakis, Minnesota</i> | |
| | 10. Suresh Niraula, Pallav Bhattarai and Mitch Bender. St. Cloud State University <i>Poster: Water quality analysis of the Sauk River and Mississippi River confluence in Minnesota</i> | |
| | 11. Zach Gutknecht, Michael Hayman and Mitch Bender. St. Cloud State University <i>Poster: Stream bank analysis of Kinzer Creek and Getchell Creek in Minnesota</i> | |
| | 12. Karen Fortuin Wageningen University, The Netherlands <i>Poster: The European Workshop: an example of a successful training in boundary crossing skills</i> | |
| | 13. Daniel Hornbach Macalester College <i>Poster: The Three Rivers Center at Macalester College: An Andrew W. Mellon Foundation Higher Education and Scholarship Project</i> | |
| | 14. James Meldrum University of Colorado - Boulder <i>Poster: Developing and Justifying an Interdisciplinary Framework of Sustainability for Application to Water Rights Transfers</i> | |

15. Dan Hornbach. Macalester College
Poster: Using a class to conduct a greenhouse gas emissions reduction plan: lessons from Macalester College
16. Peter Phillips. Winthrop University
Poster: Sustainability of Costa Rica's Surface Water Resources: Research and Course Development on the Topic at Winthrop University, South Carolina
17. John C. Berg. Suffolk University
Poster: Cape Wind: A Case Study in the Politics of Technology Choice
18. Caroline Gottschalk-Druschke. University of Illinois at Chicago
Poster: Chicago Area Pollinator Study: Relationships between land cover and bee distribution using citizen science data
19. Claudia Hemphill Pine. Env Science, University of Idaho
Poster: Conversation for Change: A Tool to Enrich Learning and Public Participation
20. Cassandra Hemphill. The University of Montana
Poster: "Messy" Decision-making: How Experts Use Deliberative Dialogue to Incorporate Both Social and Technical Values
21. Lucas Moyer-Horner. UW-Madison
Poster: Education as a tool for addressing the extinction crisis: Moving students from understanding to action
22. Krista James. Biology Department, Univ. Wisconsin-Stout, and Charles Bomar; Biology Department; University of Wisconsin-Stout
Poster: Integrating Water Quality Monitoring and Service Learning in University Science Labs
23. Lorie Holter. Washington and Lee University
Poster: Defining Personal Environmental Geographies Through Service Learning
24. Amit Pradhananga and Mitch Bender. St. Cloud State University
Poster: E. coli loading of water and sediment in the Sauk River, Minnesota
25. Kristine Mattis. University of North Dakota/University of Wisconsin-Madison
Poster: The Precautionary Principle and Media Bias
26. Diane Husic. Moravian College
Poster: A Carbon-neutral course on climate change - engaging students in sustainability and action
27. Kelly McConaughay. Bradley University
Poster: Engaging Undergraduates in Environmental Research
28. Anne Axel. Michigan State University, Department of Fisheries and Wildlife
Poster: Teaching students to think for themselves: using multi-model methods of instruction to improve critical thinking in environmental studies
29. Alex Burum. The Ohio State University
Poster: Hydrothermal Synthesis and Crystal Structure of Newly Developed U-F Compounds

30. Amy Northrup. University of Nevada, Las Vegas
Poster: Climate Change and Protected Area Governance: How Reduced Emission from Deforestation and Degradation (REDD) Could Alter Forestry Policies in Underdeveloped Countries
31. Martha Richmond. Suffolk University
Poster: Environmental Sampling at Boston Nature Center
32. Martha Richmond. Suffolk University
Poster: Teaching GM Food and Food Security in a First Level Environmental Science Class
33. Ahmad Safi. University of Nevada Las Vegas
Poster: Mapping Environmental Aid: Who? Whom? and Why?
34. Surbhi Sharma. Department of environmental studies, University of Nevada, Las Vegas
Poster: Growth of the indicators of sustainable development since Brundtland Commission
35. Jason Hodin*, David Epel*, Julie Haws#, Ragnar Eide+, Geraldine Fauville°, Sam Dupont°, Michael Thorndyke°.
 * Stanford University, Hopkins Marine Station, Pacific Grove CA, USA # Seaside High School, Seaside CA, USA + Gullmarsgymnasiet, Lysekil, Sweden, ° Sven Lovén Center for Marine Sciences-Kristineberg, Fiskebäckskil, Sweden
Poster: Inquiry-to-Insight (I2I): High school environmental science education through international social networking, online collaboration and virtual labs and activities.

6:00 pm Dinner on your own

Sunday, October 11th

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| 8:00 – 10:00 am | Brunch and discourse at thematic round tables | Great Hall – 4th floor |
| 10:00 am | Closing session – charge to participants on the 2010 meetings | Great Hall – 4th floor |
| 11:00 am | Adjourn the 2009 meeting | |