Thursday, October 8th

3:00 – 7:00 pm  Registration and Check-In  Annex Room – 2nd floor

5:30 pm  **Welcome and Introductions**  Union Theater

   Gregg Mitman, Director, Nelson Institute for Environmental Studies
   Monty Hempel, Director, Center for Environmental Studies, University of Redlands

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

7:00 am  Registration continues

8:00 am  Call the 2009 Meeting of the AESS to order  Great Hall

   Welcome by local official and AESS officers
   Plenary Meeting: The Future of Environmental Higher Ed

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?**  Playcircle – 2nd floor

   **Chair:**  Margaret Kuchenreuther, University of Minnesota-Morris

   Jim Proctor. Lewis & Clark College
   Paper: *Ecotopia, Environmentalism, and Environmental Studies*

   Shirley Vincent. National Council for Science and the Environment; Oklahoma State University
   Paper: *In Search of Common Ground: Exploring Identity and the Possibility of Core Competence Prescriptions for Interdisciplinary Environmental Programs*

   Mark Meisner. SUNY-ESF Department of Environmental Studies
   Paper: *Problem Posing in Environmental Studies and Sciences*

   Richard McNeil. Cornell University Dept. of Natural Resources
   Paper: *A Framework for an Academic Discipline of Environmental Studies*
Round table: Climate Change Education

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

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

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

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
<table>
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<tr>
<th>Conference Session</th>
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<th>Chair</th>
<th>Presenters</th>
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| 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 |
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 |
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 |
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*

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<th>Time</th>
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<tr>
<td>11:45 am - 1:15 pm</td>
<td>Lunch</td>
<td>Great Hall – 4th floor</td>
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<td>1:15 – 2:45 pm</td>
<td><strong>CONCURRENT SESSION #2</strong></td>
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<td><strong>Representing climate change through mass media:</strong></td>
<td>Tripp Commons – 2nd floor</td>
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<td><strong>interdisciplinary challenges and opportunities</strong></td>
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<td><strong>Chair: Max Boykoff. University of Oxford</strong></td>
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<td>Andrew Revkin. New York Times</td>
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<td>Sharon Dunwoody. University of Wisconsin-Madison</td>
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<td>Deborah Blum. University of Wisconsin</td>
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<td>Dale Willman. Field Notes Productions</td>
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<td>Tom Yulsman. School of Journalism and Mass Communication University of Colorado-Boulder</td>
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<td><strong>Top-Down, Bottom-Up and Cross-Border Environmental Management</strong></td>
<td>Old Madison East – 3rd floor</td>
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<td><strong>Chair: John Paul. U.S. Environmental Protection Agency,</strong></td>
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<td><strong>Office of Research and Development</strong></td>
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<td>Lauretta Joseph, Gabby Fekete. Environmental Protection Agency, Office of Inspector General</td>
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<td><strong>Paper: Border 2012: Challenges in Cross-Border Environmental Management</strong></td>
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<td>Richard Mbatu. Department of the Environment and sustainability, Bowling Green State</td>
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<td><strong>Paper: Community Forests Management in Cameroon: An Oxymoron of Top-down and Bottom-up Management Approaches</strong></td>
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<td>Riobart E. (Rob) Breen. Siena College</td>
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<td><strong>Paper: Creekshed-based environmental democracy in complex ecosocial systems</strong></td>
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<td>Katrina Schwartz. U. Florida</td>
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<td><strong>Paper: Politics, Policy, and Science: Implementing large-scale ecosystem restoration in the Everglades</strong></td>
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<td><strong>Environmental Studies/Sciences and the Humanities</strong></td>
<td>Beefeaters – 3rd floor</td>
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<td><strong>Chair: Elisabeth Graffey. US Geological Survey</strong></td>
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<td>Bron Taylor. University of Florida</td>
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<td><strong>Paper: Dark Green Religion and Environmental Studies</strong></td>
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<td>Jeffrey Yule and William Wolf. Louisiana Tech University</td>
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<td><strong>Paper: Emphasizing the “Literacy” Component of “Environmental Literacy”: Effectively Integrating Writing into Environmental Studies/Science Classes</strong></td>
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Mithilesh K. Pandey. Dept. of English, Banaras Hindu University


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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


Elizabeth Davey. Tulane University

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

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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

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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

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

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*
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<tr>
<th>Author</th>
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<tr>
<td>Ahmad Safi</td>
<td>University of Nevada Las Vegas</td>
<td>Environmental Research and Native American Nations: History, Culture and Science</td>
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<td>Bernard Perley</td>
<td>University of Wisconsin—Milwaukee</td>
<td>A Rock Against the River: Indigenous Environmentalism and the Prospects for a Sustainable Future</td>
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<td>Dr. Mathew Johnson</td>
<td>Siena College</td>
<td>A Social Environment: Uses of social media in teaching Environmental Studies</td>
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<td>Peter Friederici</td>
<td>Northern Arizona University</td>
<td>Linking the Humanities and the Sciences through Environmental Oral History Research</td>
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<td>Mary Annette Rose</td>
<td>Ball State University</td>
<td>Teacher Professional Development: An Example of Enhancing Environmental Literacy and Technological Assessment Skills</td>
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<td>Michelle M. Homan</td>
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<td>Use of project-based learning within an introductory environmental science course to enhance campus sustainability</td>
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<td>Cheryl Swift</td>
<td>Whittier College</td>
<td>Activism, Environmental Awareness, and Civic Engagement</td>
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<td>Uma Ramakrishnan</td>
<td>Juniata College</td>
<td>Student Sustainability Survey: Does the Undergraduate Experience Change Student Attitudes and Behaviors?</td>
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<tr>
<td>Michelle Steen-Adams</td>
<td>University of New England</td>
<td>Does an introductory environmental issues course affect environmental attitudes?: A study of a core curriculum requirement at the University of New England</td>
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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

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

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

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
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
Classical Guitar Music provided by Christopher Bocast, Nelson Institute
Great Hall -4th floor

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

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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
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
Tripp Commons – 2nd floor

Environmental Politics and the Academy
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
Inn Wisconsin East – 2nd floor

Environmental Management as Home Defense
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
Capitol View Room – 4th floor
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*

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**Environmental Studies and Sciences and Liberal Education**

**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.*

*Paper: Integration and the Stories We Can Tell*

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**Research Strategies**

**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*

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**Conflict and Resolution**

**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

**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

**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

**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

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9:45 – 10:15 am  Break  Main Lounge - 2nd floor
10:15 – 11:45 am  

CONCURRENT SESSION #5

Challenges to and for Climate Policy  
Chair: Ken Wilkening. University of Northern British Columbia  
Tripp Commons – 2nd floor

David Schlosberg. Northern Arizona University  
Paper: Rethinking Climate Justice: A Capabilities Approach

William Burns. Santa Clara University School of Law  

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  
Chair: Elizabeth Grossman, freelance author/journalist, Portland, Oregon  
Roundtable – 3rd floor

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  
Chair: Elizabeth Mills. University of Vermont  
Capitol View Room – 4th floor

Religion and the Study of the Environment  
Chair: Richard Bohannon. St. John’s University  
Old Madison East – 3rd floor

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

**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

**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

**Paper:** 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

**Chair:** Ashleigh Ross. **University of Wisconsin-Madison**

**New Orleans Sustainable Restoration Workshop**

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


**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.


**Paper:** TBA
Critical Stances

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


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  
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.  
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

2:45 – 3:15 pm  Break

3:15 – 4:45 pm  CONCURRENT SESSION #7

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

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.

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


Dr. Mathew Johnson. Siena College.


Dr. Rob Breen. Siena College.

Paper: TBA.

Disaster and Resilience Roundtable

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

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
Meeting of the AESS Humanities Group
Memorial Union Terrace

Poster Session
Main Lounge – 2nd floor

1. Patrick Crumrine, Lauren Dubiel, Tiffany Lindsay, Rebecca Livingston, Evan Nolan, Brian Yates. Environmental Studies Program, Rowan University.

   Poster: Effects of Ecosystem Service and Citizenship Lessons on Environmental Attitudes and Behaviors of Fourth Grade Students


   Poster: Carbon Impacts of the Smart Grid

3. Gemma Barrett Texas A&M University

   Poster: Bed Elevation Change at Matagorda Peninsula, Texas and Santa Rosa Island, Florida and its Effect on the Larger Coastal Environment

4. James F.P. Cotter University of Minnesota Morris

   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.

5. Mitch Bender. St. Cloud State University

   Poster: The Big Dividends of a Small Undergraduate Research Group

6. Mitch Bender. St. Cloud State University

   Poster: Using Snapshot Sampling to Characterize an Impaired Water


   Poster: Northern Michigan University On-Campus Native Plants Study Area

8. Tara Borgerding, Mitch Bender, Chuck Rose and Jorge Arriagada St. Cloud State University

   Poster: Restoration of Battle Point Park on Lake Osakis, Minnesota


   Poster: Analysis of sediment pond effectiveness near Lake Osakis, Minnesota

10. Suresh Niraula, Pallav Bhattarai and Mitch Bender. St. Cloud State University

    Poster: Water quality analysis of the Sauk River and Mississippi River confluence in Minnesota


    Poster: Stream bank analysis of Kinzer Creek and Getchell Creek in Minnesota

12. Karen Fortuin Wageningen University, The Netherlands

    Poster: The European Workshop: an example of a successful training in boundary crossing skills

13. Daniel Hornbach Macalester College

    Poster: The Three Rivers Center at Macalester College: An Andrew W. Mellon Foundation Higher Education and Scholarship Project

14. James Meldrum University of Colorado - Boulder

    Poster: Developing and Justifying an Interdisciplinary Framework of Sustainability for Application to Water Rights Transfers
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*

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*

Poster: *E. coli loading of water and sediment in the Sauk River, Minnesota*

Poster: *The Precautionary Principle and Media Bias*

Poster: *A Carbon-neutral course on climate change - engaging students in sustainability and action*

27. Kelly McConnaughay. 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

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

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**Sunday, October 11th**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00 – 10:00 am</td>
<td>Brunch and discourse at thematic round tables</td>
<td>Great Hall – 4th floor</td>
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<tr>
<td>10:00 am</td>
<td>Closing session – charge to participants on the 2010 meetings</td>
<td>Great Hall – 4th floor</td>
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<tr>
<td>11:00 am</td>
<td>Adjourn the 2009 meeting</td>
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