

***Interdisciplinary Integration and Practice: Reconciling Humans and Nature***  
**XIV International Conference of the Society for Human Ecology**

**Program**

**Wednesday, October 18**

- 3:00 - 7:00**      **Registration** - Kaelber Hall
- 5:00 - 6:00**      **Reception** - George B. Dorr Museum of Natural History  
Lyn Havsall - Director of Programs - Dorr Museum of Natural History  
Samuel M. Hamill - Chair - Board of Trustees, College of the Atlantic
- 6:00 - 7:30**      **Announcements and Welcoming Events** - Gates Auditorium  
John Anderson - President, SHE  
Richard Borden - Executive Director, SHE  
**Keynote Address:** William Ginn "*Investing in Nature*"  
Introduction: David Hales - President, College of the Atlantic
- 7:30**              **Dinner Groups** (in Bar Harbor)

**Thursday, October 19**

**8:00 - 9:30**

**Symposia/Paper Sessions**

**Vulnerability, Resilience and Fishery Stakeholders in the Northeast US: Part One** - Gates Auditorium  
Patricia Pinto da Silva, Northeast Fisheries Science Center, NOAA - Organizer and Chair

Richard Pollnac, University of Rhode Island  
*Happiness, Well-being and Psychocultural Adaptation to the Stresses Associated with Marine Fishing*

Seth Tuler, Social and Environmental Research Institute, Julian Agyeman, Tufts University, and  
Karen Roth LoRusso  
*Driving Forces of Risk and Vulnerability in Fishing Communities in Southern New England*

Madeleine Hall-Arber, MIT Center for Marine Social Sciences, and Karina Mrakovcich, U. S. Coast Guard Academy  
*Risking Life and Limb: Safety Training Steps Towards Resilience*

Patricia Clay, NOAA Fisheries, and Julia Olson, NOAA Fisheries  
*Defining 'Fishing Communities': Vulnerability and the Magnuson-Stevens Fisheries Conservation and Management Act*

Daniel Georgiana, University of Massachusetts  
*Employment, Income, and Working Conditions in New Bedford's Offshore Fisheries*

**Rethinking Progressive Era Conservation** - Ed Studies (Turrets)  
Kevin Armitage, Miami University: Organizer and Chair  
Commentator: Richard W. Judd, University of Maine

Kevin Armitage, Miami University  
*Bird Day For Kids: Progressive Conservation in Theory and Practice*

David Stradling, University of Cincinnati  
*Conservation in the City: Solving the Problems of the Cuyahoga*

Edward Rafferty, Boston University  
*Early Ecology and the Conservation Ethic: The Intellectual Community in Gilded Age Washington, D.C.*

## **Arts and Community - Turrets I**

Chair: Dorothy Lagerroos, Northland College

Patricia Shifferd and Dorothy Lagerroos

Northland College

*Converging Streams: The Community Arts and Sustainable Communities Movements*

Janey Winchell

Peabody Essex Museum

*Mend Nature – Heal Ourselves: Collaborative Quilt Project with Artist Clara Wainwright*

Collette Palamar

Antioch College

*The Importance of Environmental Art: An Artist's Work on and View of the Interconnection Between Fine Art and Environmental Activism*

Dru Colbert

College of the Atlantic

*Cultural Appearances - Community and Interpretive Projects*

## **Land-Use Planning - McCormick Lecture Hall**

Chairs: Luc Hens, Vrije Universiteit Brussel, BELGIUM

Ian Douglas - University of Manchester, UK

Michael Schuett and Gillian Bowser

Texas A&M University

*Changing Socio-demographics Surrounding National Parks*

Adam Henry

University California - Davis

*Beliefs and Political Conflict in Land Use and Transportation Planning*

T. I Khan

University of Rajasthan, INDIA

*An Urgency of Biodiversity Conservation in Indian Thar Desert for Sustainable Development*

Dao Kim Nguyen Thuy Binh, and Luc Hens - Vrije Universiteit Brussel, BELGIUM

Ian Douglas - University of Manchester, UK

*Land Use, Social Change and Human Ecology under Rapid Development in Vung Tau, Vietnam*

## **Roundtable Discussion**

### **The Compatibility of Financial Goals and a Green Business Environment - Straus Seminar Room (Turrets)**

Co-Chairs: Davis Taylor, College of the Atlantic

William Ginn, The Nature Conservancy

Jay McNally, College of the Atlantic

Participants: Jon Greene, Cornell University

Randy Schwering, Rockhurst University

Susan Thering, University of Wisconsin - Madison

Steven Letendre, Green Mountain College

Howard Daugherty, York University

John Scharffenberger, Scharffen Berger Chocolate Maker

David Hoffer, Mirus Capital Advisors

(Open for Participation)

### **9:30 - 10:00 Coffee Break**

**10:00 - 11:00 Keynote Address:** Richard Levins, Harvard University - *"Converging Crises and a Glimmer of Hope"*

Introduction: Suzanne Morse, College of the Atlantic - Gates Auditorium

[followed by workshop/discussion at 3:00 - 5:00]

### **11:00 - 12:30 Symposia/Paper Sessions**

**Vulnerability, Resilience and Fishery Stakeholders in the Northeast US: Part Two** - Gates Auditorium  
Patricia Pinto da Silva, Organizer and Chair

Kevin St. Martin, Rutgers University, Madeleine Hall-Arber, Massachusetts Institute of Technology,  
and Alexis Buckley, Rutgers University  
*Mapping Resilience in the Fishing Communities of New England*

James Acheson, University of Maine  
*Where Have All the Fishermen Gone: the Decline of the Northern New England Groundfishery*

Troy W. Hartley and Robert A. Robertson, University of New Hampshire  
*Fishing Communities Responding to Change: Collaboration and Strategic Partnerships in New England*

James Wilson, University of Maine  
*Groundfish in Eastern Maine - the Downeast Initiative*

**Science for Sustainability I** - Ed Studies (Turrets)  
Organizer: Rob Dyball, Australian National University AUSTRALIA

Robert Dyball, Australian National University AUSTRALIA  
*'Outside In' – Education for Sustainability (Efs) and Students' Daily Experience: Initiatives at the Australian National University (ANU)*

Jacqueline Russell, Australian National University AUSTRALIA  
*Putting Rubber to the Road: Doing Transdisciplinary Science*

Catherine Gross, Australian National University  
*Navigating the Methods Maze for Environmental Justice Research in Australia AUSTRALIA*

Heather Aslin, Australian National University AUSTRALIA  
*Regional Devolution of Natural Resource Management, Multi-stakeholder Processes and Knowledge Integration*

Barry Newell, Australian National University AUSTRALIA  
Katrina Proust, Australian National University AUSTRALIA  
Merritt Polk, Gothenburg University SWEDEN

**Environmental Management** - Turrets I  
Chair: Kenneth Cline, College of the Atlantic

Thomas Fish – National Oceanic and Atmospheric Administration  
Shawn Dalton - University of New Brunswick, CANADA  
*Integrating Sociocultural and Biophysical Information for Coastal Resource Management*

Kate Bigney  
Dalhousie University, CANADA  
*Too Little, Too Late?: Community-Based Co-Management in the Canadian Maritimes*

Steve Jacob - York College of Pennsylvania  
Frank Farmer - University of Arkansas  
*Human Ecology and Natural Resource Dependent Communities*

Kenneth Cline  
College of the Atlantic  
*A River Runs Through It: A College-Community Collaboration for Watershed-based Regional Planning and Education*

**Participation/ Methodology** - Library Seminar Room  
Chair: Jonathan Taylor, USGS

Fae Silverman  
College of the Atlantic  
*Communication for Divers: A Model for International Communication, A Tool for Underwater Stewardship*

Eric Strauss and Olyssa Starry -Boston College  
Catherine O'Connor - Pennsylvania Department of Environmental Protection  
*Joining Human and Ecological Values in Environmental Decision-making: Rapid Ecological Assessment of Greenspaces in Human-dominated Environments*  
Alexslis Maindze  
University Of Ghent, BELGIUM  
*Local Knowledge and Perceptions on Nature Conservation in the Korup National Park, Cameroon*

Shirley Vincent and Will Focht  
Oklahoma State University  
*A Methodology for Understanding the Sociopolitical Context of Stakeholder Acceptability of a Remediation Technology: A Case Study of the Tar Creek (Oklahoma) Superfund Site*

**Philosophy I** - McCormick Lecture Hall  
Chair: Finn Arler, Aalborg University, DENMARK

Jeffrey Perrin  
University of New Hampshire  
*Assessing the Development of the Human-Nature Relationship*

Liesa Nestmann  
German Society for Human Ecology (DGH) GERMANY  
*Bridging the Gap between Humans and Nature by Thought, Theory and Responsible Activity*

Terri Winters and Lawrence Prelli  
University of New Hampshire  
*Philosophical Foundations for an Environmental Conservatism?*

Finn Arler  
Aalborg University, DENMARK  
*Biodiversity – an Ethical-cultural View*

### **Roundtable Discussion**

#### **New Directions in Human Ecology I** - Straus Seminar Room (Turrets)

Co-Chairs: Ken Hill, College of the Atlantic  
Francille Firebaugh, Cornell University  
Luc Hens, Free University of Brussels BELGIUM  
Sue Saguiguit, University of the Philippines PHILIPPINES

Participants: T. I. Khan, University of Rajasthan INDIA  
Wolfgang Serbser, German Society for Human Ecology (DGH) GERMANY

(Open for Participation)

**11:30 - 1:30 Lunch**

**1:30 - 2:30**

**Keynote Address:** June Lacombe *"Insights from Environmental Art"*  
Introduction: Nancy Andrews, College of the Atlantic - Gates Auditorium

**2:30 - 3:00 Coffee Break**

**3:00 - 5:00 Symposia/Paper Sessions**

**Eco-semiotics and Cognitive Landscape Ecology** - Turrets I  
Organizer: Almo Farina, Urbino University, ITALY

Josep Vila i Subiros, Anna Ribas i Palom, Diego Varga i Linde, and Albert Llausas i Pascual,  
Universitat de Girona, SPAIN  
*Can Humans Be a Keystone Species for Preservation and Enhancement of Biodiversity? An Approach from the Mediterranean Landscapes*

Stacy Ake, Drexel University  
*The Worlds of the Biosemiotic Self?*

Almo Farina and Davide Morri, Urbino University ITALY  
*Cognitive Landscape Ecology: Information and Meaning in Human Ecology*

Silvia Scozzafava and Almo Farina, Urbino University ITALY  
*An Eco-semiotic Approach to "Place Theory": a Pilot Study*

Adriana Ghersi, University of Genoa ITALY  
*Landscape Semiotics: the Work of the Landscape Architect from Interpretation to Meaning*

## **Fire-Mediated Changes in the Arctic System: Interactions of Changing Climate and Human Activities -**

Library Seminar Room

Chair: David Natcher, Memorial University of Newfoundland, CANADA

Monika P. Calef, State University of New York at Albany  
*Historic Human Influence on Fire at a Regional Scale in Alaska*

Scott Rupp and Paul Duffy, University of Alaska Fairbanks  
Henry Huntington, Huntington Consulting  
Dave Natcher, Memorial University of Newfoundland CANADA  
Terry Chapin, University of Alaska Fairbanks  
*Reconstructing Human-fire Interactions: the Role of Goldminers in Interior Alaska*

Henry Huntington, Huntington Consulting, Eagle River, Alaska  
*Assessing Past and Potential Future Human Influence on Fire Regime, Ecosystem Services, and Climate Feedbacks in Interior Alaska*

Sarah F. Trainor, University of Alaska Fairbanks  
*Fire Effects on Ecosystem Services and Village Economy*

F. Stuart Chapin, III, University of Alaska Fairbanks  
*Impacts of Global and National Processes on Local Human-fire Interactions in Interior Alaska: Constraints on Future Options*

David Natcher, Memorial University of Newfoundland CANADA  
*Factors Contributing to the Spatial Variability of Landscape Burning by Natives Peoples in Interior Alaska*

### **Science for Sustainability I I - (Continued) - Ed Studies (Turrets)**

Robert Dyball, Australian National University AUSTRALIA  
Catherine Gross, Australian National University AUSTRALIA  
Heather Aslin, Australian National University AUSTRALIA  
Barry Newell, Australian National University AUSTRALIA  
Katrina Proust, Australian National University AUSTRALIA  
Merritt Polk, Gothenburg University SWEDEN  
Jacqueline Russell, Australian National University AUSTRALIA

### **Roundtables/Workshops**

#### **New Directions in Human Ecology Education II (Continued) - Straus Seminar Room (Turrets)**

Ken Hill, College of the Atlantic  
Francille Firebaugh, Cornell University  
Luc Hens, Free University of Brussels BELGIUM  
Sue Saguiguit, University of the Philippines PHILIPPINES

T. I. Khan, University of Rajasthan INDIA  
Wolfgang Serbser, German Society for Human Ecology (DGH) GERMANY  
Jack Carney, The Education Resource  
Stephen Pulaski, Southern Connecticut State University  
(Open for Participation)

#### **Music and Nature - Gates Auditorium**

John Cooper, College of the Atlantic  
Mitchell Thomashow, Unity College

Chrystal Schreck, New College of San Francisco  
Peter Adriel, musician and performer  
Tom Fleischner, Prescott College  
(Open for Participation)

#### **Qualitative Mathematics for Interpreting Dynamic Systems [keynote followup discussion/workshop]**

McCormick Lecture Hall

Richard Levins, Harvard University  
David Feldman, College of the Atlantic  
(Open for Participation)

**5:15 - 6:30 Keynote Address** William McDonough - *“Cradle to Cradle: Designing for Human and Ecological Health”*  
Introduction: Steve Milliken, College of the Atlantic - Gates Auditorium

**7:00 - 9:00** Lobster Dinner - at Atlantic Oakes (Tickets Required)

**Friday, October 20**

**8:00 - 9:30 Symposia/Paper Sessions**

**Law and Human Ecology: The Migration of Ecological Concepts into Law** - Gates Auditorium

Chair: Richard Brooks, Vermont Law School  
Ross Virginia, Dartmouth College  
Ross Jones, Dartmouth College/ Vermont Law School

**Community-Forest Linkages** - McCormick Lecture Hall

Organizers: Dale Blahna, Utah State University, and Linda Kruger, USDA Forest Service, Alaska

Presenters:

Dale Blahna, Utah State University, and Linda Kruger, USDA Forest Service, Alaska  
*Bridging Community and Ecosystem Resilience in Amenity Transition communities*

Linda Kruger, USDA Forest Service, Alaska  
*Community-forest Linkages: The White Pass Discovery Team*

Robert Lillieholm, University of Maine  
Dale Blahna, Utah State University  
Linda Kruger, USDA Forest Service, Alaska  
Mekbeb Tessema, Utah State University  
*Using Secondary Data to Estimate Community-Forest Linkages in Alaska*

**Developing a Bioregional Approach to Distance Education** - Library Seminar Room

Laird Christensen, Green Mountain College, Organizer

Presenters:

Meriel Brooks, Green Mountain College  
Rebecca Purdom, Green Mountain College  
Laird Christensen, Green Mountain College  
John Van Hoesen, Green Mountain College

**Philosophy, Management, and Policy** - Turrets I

Chair: Jonathan Taylor, USGS

Thomas Fish and Hansje Gold-Krueck - National Ocean and Atmospheric Association  
Fred Clark -United States Department of Agriculture - Forest Service  
*An Interagency Human Dimensions of Natural Resource Management Web Portal: HumanDimensions.gov*

Helen Roland  
University of California - Davis  
*Science Alone Is Not The Answer*

Christopher Oliver  
Michigan State University  
*Regulatory Policies and the Ecotechnological Contradiction of the Liberal Democratic System*

Catherine Sahley  
Asociacion para la Investigacion y Conservacion de la Naturaleza, Conatura, PERU  
*Improving conservation and economic indicators for Vicuna management committees in Andean Peru: an analysis of strategies for success*

Shashi Kumar  
University of Delhi, INDIA  
*Human Ecology for Rural Women and Disaster Management*

**Healthy Communities/ Green Communities** - Ed Studies (Turrets)

Chair: Eva Ekehorn, Society for Human Ecology (SHE)/Commonwealth Human Ecology Council (CHEC) UK

Soji Adelaja - Michigan State University  
Amish Patel - DP Systems Inc.  
*Political Economy of Medical Reimbursement Policy*

Mick Abbot  
University of Otago, NEW ZEALAND  
*Designing a Place in Wilderness for People*

Lori Baralt  
Michigan State University  
*To Pink or Not to Pink: Ideology and Framing Contestation between Breast Cancer Movements*

Libby Dean  
Dalhousie University, CANADA  
*Communicating About Environmental Contaminants, Food, and Health Issues with Young Inuit Women in Labrador*

Glen Ncube

University of Zimbabwe, ZIMBABWE

*WHO 2006 Report on Environment and Disease: Opening a New Chapter in the History of Environmental Conservation*

**9:30 - 10:00 Coffee Break**

**10:00 - 11:00 Keynote Address:** Robert Kates *"Sustainability Science – Where it's At"?*  
Introduction: Tom Dietz, Michigan State University - Gates Auditorium

**11:00 - 12:30 Symposia/Paper Sessions**

**Conservation Psychology I: Caring for Wild Animals and Their Ecologies** - Education Studies Room (Turrets)  
Gene Myers, Western Washington University (Organizer)

Jennifer Seydel, Expeditionary Learning Schools  
*Ecological Identity Development Across the Lifespan*

Joanne Vining, University of Illinois, and Melinda Merrick, University of Illinois  
*Survey on Pets, Environmental Attitudes and Behavior, and Quality of Life*

John Fraser, Wildlife Conservation Society, and Susan Clayton, The College of Wooster  
*Belonging at the Zoo: Retired Volunteers, Conservation Activism and Collective Identity*

Susan Clayton, The College of Wooster, John Fraser, Wildlife Conservation Society, and  
Carol Saunders, Brookfield Zoo  
*Interpreting Animals at the Zoo: Visitor-to-visitor Communication about Animal Exhibits*

Gene Myers, Western Washington University, and Carol Saunders, Brookfield Zoo  
*Attunement, Empathy and Caring with Wild Animals: a Theoretical Overview*

**A Human Ecological Approach to Land Conservation: Protection, Education, and Regulation** - Gates Auditorium

Sarah McDaniel, Attorney, Murray Plumb & Murray, Portland, ME Organizer

Kenneth Cline, College of the Atlantic  
Pat Watson, Maine Coast Heritage Trust

**Philosophy II** - McCormick Lecture Hall  
Chair: John Visvader, College of the Atlantic

Heather Keith and Tala Wunderler-Selby  
Green Mountain College  
*Cultivating Ren: Wildness, Humaneness, and Natural Relationality in Confucian Philosophy*

Patricia Honea-Fleming  
Licensed Psychologist  
*Identity, Insight and the World Story: Holding Your Place in Indra's Net*

Whitney Bauman  
University of California -Berkeley  
*Ecological Non-Equilibrium and Post-Foundational Environmental Ethics*

John Visvader  
College of the Atlantic  
*The Main Event: Human Ecology in Practice*

**Wildlife Management** - Turrets I  
Chair: James Kellam, Franklin and Marshall College

David Bidwell  
Michigan State University  
*Bison, Boundaries, and Brucellosis: Political Ecology and Risk Perception at Yellowstone*

Juarez Pezzuti, D. Felix-Silva, and Alpina Begossi  
Fisheries and Food Institute, University of Campinas (UNICAMP) BRAZIL  
*Freshwater Turtle Gathering in the Amazon*

Tom Fleischner  
Prescott College  
*Natural History: the Original Practice of Human Ecology*

James Kellam  
Franklin and Marshall College  
*Purpose, Execution, and Effects of Lethal and Non-lethal Management Techniques at a Communal Roost of American Crows (Corvus Brachyrhynchos)*

## **Roundtable Discussions**

**Sustainability Science** -[Keynote Follow-up Discussion] Straus Seminar Room (Turrets)

Robert Kates and Tom Dietz - Moderators  
(Open for participation)

**Circles of Practice: Walking the Talk through Co-operative Inquiry** - Library Seminar Room

Lily Fessenden, Audubon Expedition Institute/Lesley University - Organizer

Coleen O'Connell, Audubon Expedition Institute/Lesley University  
Jasper Montgomery, Audubon Expedition Institute/Lesley University

(Open for participation)

**11:30 - 1:30 Lunch**

**1:30 - 2:30 Keynote Address:** Lizzie Grossman "*High Tech Trash*"  
Introduction: Karen Waldron, College of the Atlantic - Gates Auditorium

**2:30 - 4:00 Symposia/Paper Sessions**

**Structural Human Ecology: Macro-comparative Analysis of Environmental Change and Sustainability**

Gates Auditorium  
(Continuing Sessions at 4:30 - 6:00 Friday and 8:30 - 10:00 Saturday)  
Tom Dietz, Michigan State University - Organizer

Thomas Burns, University of Oklahoma  
*Structural Mismatch: Toward an Integrated Theory of Human Ecology and Political Economy.*

Indra de Soysa, Norwegian University of Science and Technology  
*Democracy and Sustainable Development*

Thomas Dietz, Michigan State University  
*Approaches to Structural Human Ecology (SHE): The STIRPAT Research Program*

R. Scott Frey, University of Tennessee  
*Sustainability in Comparative Perspective*

Andrew Jorgenson, Washington State University  
*Globalization, Foreign Investment, and the Environment: A Cross-National Investigation of Greenhouse Gas Emissions and Other Air Pollutants*

Matthew Sanderson and Jeffrey Kentor, University of Utah  
*"Globalization and the Environment: Implications for Human Migration in Less-Developed Countries"*

Eugene A. Rosa, Washington State University  
*Approaches to Structural Human Ecology (SHE): The STIRPAT Research Program*

Thomas K. Rudel, Rutgers University  
*Creating 'Islands of Conservation' in Already Exploited Environments: a Comparative Analysis of Land Conservation in Suburbs and Biodiversity Conservation in Tropical Rain Forests*

John M. Shandra, SUNY

*Economic Dependency and Deforestation: Reanalysis and Respecification of Cross-National Research*

Stefano Longo, University of Oregon, and Richard York, University of Oregon

*Agricultural Exports and the Environment: A Cross-National Study of Fertilizer and Pesticide Consumption*

Richard York, University of Oregon

*Approaches to Structural Human Ecology (SHE): The STIRPAT Research Program*

**Conservation Psychology II: Anthropocentric and Biocentric Relationships with Nature** (Continued) - Ed Studies (Turrets)

Carol Saunders, Brookfield Zoo

Peter Kahn, Univ. of Washington & Rachel Severson, University of Washington

Brian Gill, Seattle Pacific University

Gene Myers, Western Washington University

*Fear and Caring: Children's Conceptions of Bats*

Wes Schultz, California State University and Carol Saunders, Brookfield Zoo

*New Strategies for Measuring How Children Connect with Nature*

Patricia Nevers, University of Hamburg GERMANY

Robert Gandert and Dirk Schulz, University of Hamburg GERMANY

*Personification, Self-transcendence and Value Orientation Towards Nature*

Peter Kahn and Rachel Severson, University of Washington

*Biocentrism in a Technological World*

**Green Communities: Business and Economics I** - Straus Seminar Room (Turrets)

Chair: Eve Ekehorn, Society for Human Ecology (SHE)/Commonwealth Human Ecology Council (CHEC) UK

Lama BouFajreldin

University of Illinois, Urbana-Champaign

*A Qualitative Approach to Scenic Quality Assessments*

Kenneth Miller and Michael Kimball

University of Maine - Machias

*How Diverse is the Maine Public Radio Landscape? A Geographic Analysis of MPBN News Coverage*

Soji Adelaja, Malika Chaudhuri, and Charles McKeown

Michigan State University

*Optimal Lot Size for Municipal Revenue Maximization: A Hedonic Analysis Using Multiple Listing Data from Two Michigan communities*

Randy Schwering - Rockhurst University

Sarah Hill-Nelson - Bowersock Mills and Power Company

*Renewable Energy Credits: Successes, Opportunities and Challenges in Virtualizing the Renewable Energy Economy*

**Education I** - Turrets I

Chair: Bonnie Tai, College of the Atlantic

Steven Fesmire

Green Mountain College

*Ecological Imagination in Moral Education*

Emily Price and Joanne Vining - University of Illinois, Urbana-Champaign

Carol Saunders - Chicago Zoological Society

*Conservation Behavior: the Role of a Non-formal Environmental Education Program and Intergenerational Influences on Caring for the Environment*

Nicole d'Avis

Sociedad Latina

*Urban Education and Human Ecology: Serving Urban Youth and Nature Through a Unified Practice of Human Ecology*

Glenn Sutter

Royal Saskatchewan Museum, CANADA

*What Role Should Culture Play in Education for Sustainable Development?*

**Environmental Management: Impact and Restoration** - McCormick Lecture Hall

Chair: Bernhard Glaeser, Social Science Research Center, Berlin, GERMANY

Le Xuan Quynh and Luc Hens

Vrije Universiteit Brussel, BELGIUM

*A Comparative Review of the Environmental Impacts of Seaports in Vietnam and Cambodia*

Donald Galya, Matthew Kennedy, Dennis Lowry, David Nyman, Carl Tammi and Ken Wagner

ENSR

*Ecosystem Restoration in the Urban/Suburban Environment*

Robert Lillieholm - University Maine

Glen Busch, Richard Toth and Tom Edwards - Utah State University

*Alternative Future Growth Scenarios for Utah's Wasatch Front: Assessing the Impacts of Growth on Natural Systems*

Bernhard Glaeser

Social Science Research Center, Berlin, GERMANY

*Integrated Coastal Management (ICM) – A Multidisciplinary Science Between Hazards and Development*

**Forestry and Agro-Ecology** - Library Seminar Room

Chair: Davis Taylor, College of the Atlantic

Christopher Thoms

Colby College

*Distant Actors, Local Action. The Role of Exogenous Actors in Shaping Nepalese Community Forestry*

Abigail Amisshah-Arthur

Slippery Rock University

*Farmer Decision-making in the Savannas of Nigeria: Is Double-cropping Soybean Really Profitable?*

Joshua Carroll

University of New Hampshire

*Integrative Complexity in People's Perceptions of Wildfire Management Techniques*

Melinda Merrick and Joanne Vining

University of Illinois, Urbana-Champaign

*Emotional and Cognitive Reactions to Wildfire Management Options in Northern Forests*

Lalisa Alemayehu -Ethiopian Institute of Agricultural Research, ETHIOPIA

Abebe Yadessa, Assefa Ta'a, Diriba Negussie, Alemayehu Negassa and Teshome Takele

*Tree/Shrub Invasion as a Threat for Human Survival: The Case of the Pastoral Areas of Ethiopia*

**Roundtable/Workshops**

**Arts, Aesthetics, and Human Ecology** - Studio 5 (North Campus)

Co-Chairs: June LaCombe and Dru Colbert, College of the Atlantic

Nancy Andrews, College of the Atlantic

JoAnne Carpenter, College of the Atlantic

Susan Dowling, Arts Collaborator and Producer, PBS

Dorothy Lageroos, Northland College

Ernie McMullen, College of the Atlantic

Colette Palamar, Antioch College

Patricia Shifferd, Northland College

Janey Winchell, Peabody Essex Museum

(Open for Participation)

**4:00 - 4:30 Coffee Break**

**4:30 - 6:00 : Symposia/Papers Sessions**

**Structural Human Ecology: Macro-comparative Analysis of Environmental Change and Sustainability II -**

Gates Auditorium  
Tom Dietz, Michigan State University, Organizer

Thomas Burns, University of Oklahoma  
Indra de Soysa, Norwegian University of Science and Technology  
Thomas Dietz, Michigan State University  
R. Scott Frey, University of Tennessee  
Andrew Jorgenson, Washington State University  
Jeffrey Kentor, University of Utah  
Eugene A. Rosa, Washington State University  
Thomas K. Rudel, Rutgers University  
John M. Shandra, SUNY  
Stefano Longo, University of Oregon, and Richard York, University of Oregon  
Richard York, University of Oregon

**Conservation Psychology III: Getting Psychology “Right” for Sustainability I - Ed Studies (Turrets)**

Herb Schroeder, USDA Forest Service, Northern Research Station  
*Valuing Nature: Experience, Process, and Practice*

Jennifer Seydel, Expeditionary Learning Schools  
*The Influence of Cultural Affiliation Groups on the Ecological Identity Development of Environmental Exemplars*

Elise Amel, University of St. Thomas,  
Christina Manning, Brittain Scott, University of St. Thomas  
*Mindfulness, Readiness, and ‘Green Identity’ in Relation to Sustainable Behavior*

Armin Lude, University of Kassel, GERMANY  
*Outside or Inside? Students’ Nature Experiences in Lessons and Leisure Time*

**Green Communities: Business and Economics II - Library Seminar Room**

Chair: Isabel Mancinelli, College of the Atlantic

Thomas Cuevas-Contreras  
Universidad Autonoma de Ciudad Juarez, MEXICO  
*The Socio-Cultural Implications of Ecotourism in the Mexican Northwest Chihuahua*

Susan Thering  
University of Wisconsin-Madison  
*Identifying and Overcoming the Barriers to Green Community Development in Indian Country: A Place-Based, Trans-Disciplinary, Action-research Initiative*

Woo-Hwa Shin, Byoung-Suk Kweon and Christopher D. Ellis  
Texas A&M University  
*Does Landscape Ecological Structure Influence Residential Property Value? The Effects of Urban Forests on Single Family Sale Prices*

Tom Lough  
Sonoma State University  
*Social Structure, Power and Gender after Cheap Oil*

**Education II - Turrets I**

Chair: Judith Cox, College of the Atlantic

Meredith Houle, Mike Barnett and Eric Strauss  
Boston College  
*Bird Song, Sound Waves, and Urban Ecology: Issues of Authentic Science, Agency and Advocacy in Curriculum Design*

Jack Carney  
The Education Resource  
*Human Ecology Research and Writing Program*

Byoung-Suk Kweon and Woo-Hwa Shin  
Texas A&M University  
*Children’s Commute to School: Environmental and Psychosocial Impacts*

Harry Cabot  
Harvard University  
*EcoCity Schools - Design and Purpose for Learning and Time*

**Climate and Global Issues** - McCormick Lecture Hall  
Chair: Craig Ten Broeck, College of the Atlantic

Susan Crate  
George Mason University  
*Gone the Bull of Winter: Climate Change and Culture Change in NE Siberia*

Rachel Shwom  
Michigan State University  
*Getting Down to the Nitty Gritty: A Critical Review of Research Methods for Human Dimensions of Global Change*

Atsuko Kuribayashi - NLI Research Institute, JAPAN  
Midori Aoyagi-Usui - National Institute For Environment Studies, JAPAN  
*The Cognitive Process about Global Warming and Environmental Communication*

Craig Ten Broeck  
College of the Atlantic  
*Colleges Taking Climate Action!*

### **Roundtable Discussion**

**Writing the Environment** - Straus Seminar Room  
Co-Chairs: Lizzie Grossman and Karen Waldron, College of the Atlantic

William Carpenter, novelist/poet, College of the Atlantic  
Lori Baralt, Michigan State University/Assistant Editor, *Human Ecology Review*  
Jonathan Taylor, USGS, founding editor *Human Ecology Review*  
Laird Christensen, Environmental Writer, Green Mountain College  
(Open for Participation)

**6:00 - 7:30** Reception and Awards - Gates Auditorium  
Music with John Cooper

**7:30** Dinner Parties (in Bar Harbor)

**Saturday, October 21**

### **8:30 - 10:00 Symposia/Paper Sessions**

**The Changing Face of Ecology** - McCormick Lecture Hall  
Moderators: Clifford Duke, Jason Taylor, and Sue Silver, Ecological Society of America

Presenters:  
Sharon Kingsland, Johns Hopkins University  
Jerry Melillo, Marine Biological Laboratory at Woods Hole  
Michael Orbach, Duke University Marine Laboratory  
Richard Pouyat, USDA Forest Service / Baltimore Ecosystem Study  
Katherine Spielmann, Arizona State University

### **Conservation Psychology IV: Getting Psychology "Right" for Sustainability II [continued] - Ed Studies (Turrets)**

Angelika Wilhelm-Rechmann, Nelson Mandela Metropolitan University SOUTH AFRICA  
Richard Cowling, Nelson Mandela Metropolitan University SOUTH AFRICA  
Gysbert Olivier, Nelson Mandela Metropolitan University SOUTH AFRICA  
*Social Marketing as a Tool to Apply Conservation Psychology in the Eastern Cape, South Africa*

Anne Alden, University of California, Davis  
*Environmental Consciousness Revealed Through the New Yorker Cartoons: a Wry View*

Christina Manning, University of St. Thomas  
Elise Amel, Britain Scott, University of St. Thomas  
*Framing Effects, Level of Commitment and Progress Towards Long-term Sustainable Action*

**GIS and Remote Sensing** - GIS Lab (Arts and Science Building)

(Session continues beyond Coffee Break)

Chair: Gordon Longworth, College of the Atlantic

Hugo Mantilla

Texas Tech University

*Using GIS and Remote Sensing Analysis to Identify Potential Risk Areas for Hantavirus Disease in South America*

Martin Bunch and Mike McLennan

York University, CANADA

*User Participation in the Design of Internet-based "Public Participation GIS"*

Christopher Kroot

Maine State Office of GIS

*The Maine Land Cover Project: A Multi-Agency Collaborative to Support Multi-disciplinary Decision Making*

Justine Delahunty

Texas Tech University

*Contemporary Land Cover Change in the United States*

Gordon Longworth

College of the Atlantic

*GIS in the Context of an Education in Human Ecology*

**Philosophy III - Turrets I**

Chair: Gray Cox, College of the Atlantic

Eben Rose

Yale University

*Astrobiology as Denial of Our Own Earthly Limits*

Michael Welsh

Keene State College

*Conditioned Quiescence: A Radical Exploration of Power Behind Public Environmental Inaction*

Chrystal Schreck

New College of California

*The Intersection of Ecofeminism and Queer Theory: New Stage in Multi-systems Analysis, An Inquiry into Theory and Practice*

Gray Cox

College of the Atlantic

*The Epistemological Problematic of Human Ecology: A Quaker Approach*

**Roundtable Discussions**

**Structural Human Ecology: Macro-comparative Analysis of Environmental Change and Sustainability [Continued]**

Straus Seminar Room (Turrets)

Tom Dietz, Michigan State University - Moderator

Thomas Burns, University of Oklahoma

Indra de Soysa, Norwegian University of Science and Technology NORWAY

R. Scott Frey, University of Tennessee

Andrew Jorgenson, Washington State University

Jeffrey Kentor, University of Utah

Eugene A. Rosa, Washington State University

Thomas K. Rudel, Rutgers University

John M. Shandra, SUNY

Stefano Longo, University of Oregon,

Richard York, University of Oregon

(Open for participation)

**Integrating a Human Ecological Perspective into the Practice of Law** - Library Seminar Room

Organizers: Sarah McDaniel, Attorney, Murray Plumb & Murray, Portland, ME

Richard Brooks, Vermont Law School

Johanna Bernstein, International Legal Consultant, United Nations

Kenneth Cline, College of the Atlantic

Leslie Jones, General Counsel for the Wilderness Society

Barbara McLeod, Former Policy Analyst/ Attorney for the US Environmental Protection Agency  
Rebecca Purdom, Green Mountain College  
Ross Virginia, Dartmouth College  
Ross Jones, Dartmouth College/ Vermont Law School  
Katrina Van Dine, Marine Resource Attorney, Virginia and Vermont  
(Open for participation)

**10:00 -10:30 Coffee Break**

**10:30 - 12:00 Symposia/Paper Sessions**

**The Changing Face of Ecology (Continued)** - McCormick Lecture Hall  
Moderators: Clifford Duke, Jason Taylor, and Sue Silver, Ecological Society of America

Presenters:  
Sharon Kingsland, Johns Hopkins University  
Jerry Melillo, Marine Biological Laboratory at Woods Hole  
Michael Orbach, Duke University Marine Laboratory  
Richard Pouyat, USDA Forest Service / Baltimore Ecosystem Study  
Katherine Spielmann, Arizona State University

**Linking Human Practice into Science and Natural Resource Management** - Straus Seminar Room (Turrets)  
Steven Williams, Earthwatch Institute, Organizer

Bruce Jacobson, Cultural Resource Manager, Boston Harbor Islands National Recreation Area  
*Citizen Science and Boston Harbor Islands National Park Resource Management*

Wil Maheia, Executive Director, Toledo Institute for Development and the Environment  
*Communities and Environmental Sustainability: Getting the Change to Happen*

Jeffrey Schloss, University of New Hampshire  
*Engaging Communities to Protect Their Waters: New Hampshire's Lake Monitoring Program*

Stephen Williams, Mark Chandler, and Daniela Maldini - Earthwatch Institute  
*Linking Human Practice into Science and Natural Resource Management*

**Community Development** - Turrets I

Chair: Ronald Beard, University of Maine Extension

Christopher D. Ellis, Byoung-Suk Kweon, Harlow Landphair  
Texas A&M University  
*Street Buffers, Entry Drives, and Pedestrian Anxiety: Structuring Right-of-way Space to Accommodate Humane Walking Spaces*

Ron Steffens  
Green Mountain College  
*Community Stories and the Resolution of Landscape-Scale Trauma*

Howard Daugherty  
York University, CANADA  
*Biodiversity Conservation and Rural Sustainability: Collaborative Research and Practice in Human Ecology*

Ronald Beard  
University of Maine Extension  
*Mount Desert Island Tomorrow: Using Principles of Human Ecology to Build Local Rural Capacity - 1987 to Present*

**Sustainability I** - Gates Auditorium

Chair: Luc Hens, Vrije Universiteit Brussel, BELGIUM

Howard Ingle  
Salt Lake Community College  
*One World, the Psychology of Sustainability: Why Psychology is the Science of the 21<sup>st</sup> Century and How It Can Help Us Develop Sustainability*

Roly Russell  
Earth Institute  
*Building Sustainable Societies: the Role of Feedbacks in the Evolution of Successful Cultural Schemata*

Philippe Lefevre-Witier  
International Certificate of Human Ecology, FRANCE  
*Is Sustainability a Human Capability?*

Jean Huges and Luc Hens  
Vrije Universiteit Brussel, BELGIUM  
*Sustainability Appraisal of Poverty Reduction Strategy Papers*

**Education III** - Ed Studies (Turrets)  
Chair: Bonnie Tai, College of the Atlantic

Hank Colletto and Karin Wittmann  
Lesley University  
*Using Sustainable Practices to Nurture a Lifestyle of Voluntary Simplicity: A College Semester in Rural Maine*

Mike Kimball - University Maine  
David Gustafson - University of Wisconsin  
*A Pedagogical Model for Empowering Undergraduate Students as Community Change Managers*

Karin Wittmann, Larkspur Morton and Lily Fessenden  
Lesley University  
*Connecting College Students to Nature: Exploring the Influence of Technology on Students' Relationships with Wilderness, Community, and Self*

Bonnie Tai  
College of the Atlantic  
*Enacting Eco-Justice Education: Educating Humans Who Can Reconcile Cultural and Environmental Agendas*

**11:30 - 1:00**      **Lunch**

**1:00 - 2:30**      **Symposia/Paper Sessions**

**Sharing Curricula across the Eco League** - Library Seminar Room  
William Throop, Green Mountain College - Organizer

Participants:  
Dorothy Lagerroos, Northland College  
Mark Leach, Northland College  
Rebecca Purdom, Green Mountain College  
Tom Fleischner, Prescott College  
Tom Ayrsman, Antioch College  
Timothy M. Rawson, Alaska Pacific University  
Ken Cline, College of the Atlantic

**Aquatic Resources** - Ed Studies (Turrets)  
Chair: Alpina Begossi, Fisheries and Food Institute, BRAZIL

Simona Perry  
University of Massachusetts  
*The Significance of the "Everyday" in Urban River Initiatives*

Priscila MacCord – UNICAMP, BRAZIL  
Alpina Begossi -Fisheries and Food Institute, BRAZIL  
*Risk-indifferent Strategies to Find Shrimp in the Southeastern Brazilian Coast*

Alpina Begossi, Natalia Hanazaki, Priscila MacCord, Milena Ramires, Renato Silvano, and N. Castro - Fisheries and Food Institute, BRAZIL  
*The Foraging Behavior of Riverine and Coastal Fishers from the Amazon and the Atlantic Forest (Brazil)*

Eduardo Gil Mora, Luciano Cruz Miranda and Percy Yanque Yucra - National University of Cusco, PERU  
*Andean Freshwater Stream Bioindicators*

**Sustainable Communities: Culture and Attitudes** - Turrets I  
Chair: Jonathan Taylor, USGS

Dan Fiscus  
University of Maryland  
*Self-examination of environmental science as an environmental process*

Laila Racevskis and Frank Lupi  
Michigan State University  
*Valuing Forest Ecosystem Services: A Comparison of the Effects of Attitudes and Demographic Characteristics on Willingness to Pay*

Sadegh Salehi - University of Leeds, UK  
*A Study of Factors Influencing Environmental Behaviour*

Federico Giller  
Centro Nacional de Ecología Humana, VENEZUELA  
*Adapting to the Information Age: the Challenge of Losing Cultural Identity of the Taurepam Peoples of the Guyana Highlands Implications for Conservation and Bio-cultural Restoration*

**Environmental Health and Social Issues** - McCormick Lecture Hall  
Scott Wright, University of Utah - Organizer

Kathy Sykes, Environmental Protection Association  
*Building Healthy Communities for Active Aging*

Scott Wright - University of Utah  
*Aging and Environmental Health: New Perspectives and New Technologies*  
[Open for participation/discussion]

#### **Roundtable Discussion**

**Business Education in the Liberal Arts Environment** - Straus Seminar Room (Turrets)

Jay McNally and Davis Taylor, College of the Atlantic - Co-Chairs

Howard Daugherty, York University  
Steven Letendre, Green Mountain College  
Randy Schwering, Rockhurst University  
Susan Thering, University of Wisconsin - Madison

(Open for participation)

**2:30 - 3:30 SHE Business Meeting** - Gates Auditorium

**3:30 - 5:30 Frenchman Bay Boat Trip (Tickets Required)**

**Other Field Trips**