Ecological Responsibility and Human Imagination: Saving the Past ~ Shaping the Future
XX International Conference of the Society for Human Ecology

Preliminary Program

Wednesday, October 22

3:00 - 7:00 Registration - Kaelber Hall
5:00 - 6:00 Reception - George B. Dorr Museum of Natural History
6:00 - 7:30 Announcements and Welcoming Events
   Darron Collins - President, College of the Atlantic
   Kenneth Hill – Academic Dean, College of the Atlantic/Executive Director - SHE
   Keynote Address: Thomas Dietz, Michigan State University - Rethinking Sustainability: The View from Human Ecology
7:30 Participants are free to arrange dinner groups in Bar Harbor

Thursday, October 23

8:00 - 9:30 Symposia

Structural Human Ecology Symposium (in Honor of Eugene Rosa): Part 1 of 3
(All presenters are listed; presenters’ specific times to be determined)
Organizer: Tom Dietz, Michigan State University

Andrew Kent Jorgenson, University of Utah
Development, Inequality and the Carbon Intensity of Well-Being

Jennifer Givens, University of Utah
World Society and the Carbon Intensity of Well-Being

Julia Steinberger, Will Lamb, Marco Sakai, University of Leeds, UK
Your Money or Your Life? The Carbon-Development Paradox

Timmons Roberts, Brown University; Julia Steinberger, University of Leeds; Will Lamb
Drivers and Decoupling: Understanding the Linkages and Dynamics of Emissions, Economic Activity and Human Wellbeing

Tom Dietz, Michigan State University; Richard York, University of Oregon
The Structural Human Ecology of Animals

Paul McLaughlin, SUNY Geneseo
Essentialism, Nominalism and Population Thinking: Alternative Foundations for a Post-Exemptionalist Environmental Sociology

Richard York, University of Oregon; Stefano B. Longo, North Carolina State University
The Structural Human Ecology of Energy

Tom Burns, Oklahoma University; Tom Rudel, Rutgers University
Metatheorizing Structural Human Ecology

John Shandra, SUNY at Stony Brook
The World Bank, Environmental Lending, and Forest Loss: A Cross-National Analysis

Sandy Marquart-Pyatt, Michigan State University
Environmental Sustainability: The Ecological Footprint in West Africa
Watershed Approaches to Hydropower Licensing and Development
Organizer: Shannon Luoma, Project Scientist, GEI Consultants

Shannon Luoma, Project Scientist, GEI Consultants
Jeremy Pratt, Vice President, GEI Consultants
A Watershed Approach to Hydro – Where & How Could it Work?

Melanie Harris, National Hydropower Program Coordinator, NOAA Fisheries
Strategic and Collaborative Approaches to Restoring Fish Passage: a watershed approach to the relicensing of hydropower dams

Julie Keil (retired, formerly Hydro Program Manager, Portland General Electric)
The role of landscape level mitigation in the licensing and relicensing of hydropower projects

Jessie Thomas-Blake, Associate Director of River Protection and Restoration, American Rivers
The restoration of the Penobscot River: balancing energy production and healthy rivers

Paper Sessions

Stewardship and Adaptive Conservation

Steven Scyphers, Northeastern University
When does awareness of ecological declines translate to support for better stewardship?

Jared Stapp, University of Maine
Measuring Willingness to Adopt Conservation-Oriented Behaviors in Nepal

Gusti Ayu Ketut Surtiari, United Nations University, GERMANY
The dynamic of vulnerability: towards low-regret adaptation option

Tamiz I. Khan, Central University of Himachal Pradesh INDIA
Biodiversity Conservation and Management in Thar Desert

Eco-education I

Dianne Quigley, Brown University
Course Promotion for Marine Science Ethics, Culture and Community-based Research Training for Graduate Students

Kenneth Mulder, Tung Dang, Green Mountain College
The Ecological Costs of a Liberal Arts Education

Steven Gable and Diana Watts, Trinity DC
Managing The Complexities of Corporate Environmental Responsibility: An Interdisciplinary Approach to Teaching Sustainability Within the Undergraduate Business Administration Curriculum

Alan Ewert, Indiana University; Kristi Lekies, The Ohio State University
Integrating a Sense of Self and Environment Through Adventure-Based Activities

Roundtable Discussion

Building Sustainable Communities: International, National, Local Perspectives
Jay Friedlander – College of the Atlantic
Anna Demeo – College of the Atlantic
Soren Hermansen – Samso Energy Academy, DENMARK
Malene Lunden – Samso Energy Academy, DENMARK

9:30 - 10:00 Coffee Break

10:00 - 10:45 Keynote Address: Louisa McCall, Artists in Context – Creating a Different Future: Co-mingling Artful and Scientific Ways of Knowing
10:45 - 12:15 Symposia

Structural Human Ecology Symposium (in Honor of Eugene Rosa): Part 2 of 3
(All presenters are listed in Part 1; presenters’ specific times to be determined)

Urban Ecology Experiences in Latin America – Research for Action: Part 1, Urban Landscape and Biodiversity
Organizer: Pablo Garcia Serrano, Universidad Tecnica Particular de Loja, Loja, ECUADOR

Arnao, Lissel.; Quinteros, Z.. Universidad Agraria La Molina, Lima, PERU
The Dynamic Structure of the Landscape of Universidad Nacional Agraria La Molina Campus from 1970 to 2011

Castillo, Lucia.; Quinteros, Z., Universidad Agraria La Molina, Lima, PERU
Relative Abundance and Diversity of Birds as Indicators of Ecosystem State: Campus of the Universidad Nacional Agraria La Molina

Piedra, Lilliana Castro, Universidad de Costa Rica; Ramírez, M.; Ovares, L. & Bermudez COSTA RICA
Urban Basin and Fauna: The Case of Pirro River

Corrales, Mara, Universidad Agraria La Molina, Lima, PERU; Quinteros, Z.
Perception of the University Community about The Urban Vertebrates in the Universidad Nacional Agraria La Molina (Unalm)

Ruiz, Juan Pedro, Universidad Autónoma de Madrid; SPAIN; Garcia-Serrano, P., Universidad Tecnica Particular de Loja, Loja, ECUADOR; Angeolleto F.
Community Participation in Landscape Design in Urban Ecology

Art – Science Interaction: How Can We Further the Effect?
Organizer: Jennifer Rock, University of Otago, NEW ZEALAND

Special Session keynote:
Harvey Selfter, director, Art of Science Learning
Art/Science/Innovation: The Art of Science Learning

Participants:
Eva Hayward, University of Tucson
Artists exploring undersea organisms to think about race, gender, human/animal divide

Sun kita Howard, Fulbright Fellow at Virginia Institute of Marine Science/University of Otago, NEW ZEALAND
A framework for integrating artistic practice into biological research

Sean Harris, Artist/Creative Wales Ambassador, UK, and
Gretchen Schermerhorn, Creative Director at Pyramid Atlantic Arts Center UK
Art as hypothesis generation: Visual relationships between humans, science, politics and psychology

Paper Sessions

Eco-education II

Melody LeHew, Kansas State University
The Contributing Role of Diverse Perspectives in Making Climate Change a Functioning Thread in the Baccalaureate Curriculum

Jeffrey Perrin, Lesley University
The Planning and Development of a First-year seminar on Environmental Citizenship

Tom MacCalla, Jaqueline Caesar, National University, La Jolla
Fostering an Interdisciplinary Mindset with Information Technology

Wellington Amancio, Juracy Marques, Universidade do Estado da Bahia, BRAZIL
The Orixá Skin: Childhood, Education and Ecology on the Candomblé Houses and Mbanda from Petrolina (Pe) and Juazeiro (Ba), Brasil
Roundtable Discussions

The Importance of Social Justice and Human Rights in the Human Ecology Curricula
Steve Wessler – University of Southern Maine/College of the Atlantic
Bonnie Tai – College of the Atlantic
Heath Cabot – College of the Atlantic

Ecological Responsibility and the Possibility for Creative Resilience: What Next for Radical Human Ecology?
Lewis Williams – University of Southern Queensland AUSTRALIA
Makere Harawira Stewart - University of Alberta, CANADA
Barabara Mainguy -
Lewis Mehl Madrona -

12:15 - 1:15 Lunch

1:15 - 2:45 Symposia

Structural Human Ecology Symposium (in Honor of Eugene Rosa): Part 3 of 3
(All presenters are listed in Part 1; presenters’ specific times to be determined)

Human Dimensions of Marine Systems: Part 1 of 2
Organizer: Stefano Longo, North Carolina State University

Candace A. Skinner, University of Texas at San Antonio
Contextualizing Sustainability through Community: A Gozitan Perspective of Tourism, Climate Change and Conservation in Malta

Chad J. McGuire, University of Massachusetts, Dartmouth
The Impact of Climate Induced Sea Level Rise on Coastal Management: How Existing Policy Frameworks

Noela Puniwai, University of Hawai at Mānoa
Hawaiian Cultural Seascapes: Perspectives from Paddlers and Surfers in Hilo Bay

Hilary Lohmann, University of Rhode Island
A Method to Measure Social Vulnerability and Adaptive Capacity to Climate Variability in Coastal Communities of the Dominican

Paper Sessions

Health, Spirituality, and Ecological Lifestyles

JoLynn Cunningham, University of Tennessee
Environment in Relation to Spirituality and Health: An Interdisciplinary Professional Development Program

Jasmine Tanguay, CLF Ventures
Human Ecology at the End of Life

Lee Doran, "Ecological Writings #1 Inc."
What is the ‘Human’ in Human Ecology? An exploration of the sexuality/collectivity dimensions

Thomas Burns, Erik L. Bond, Martin Piotrowski, John Billington, University of Oklahoma
The Analogical Imagination Revisited: Religious Beliefs and Orientation to the Natural Environment in the Third Millennium

Community, Conservation and Stewardship

Alpina Begossi, FIFO-UNICAMP, BRAZIL
Local Art, Human ecology and Conservation

Gillian Bowser, Colorado State University; Karen Hall, Botanical Institute of Texas; Carrie Lederer, Carrie Pigeon Productions; Kate Wilkins, Colorado State University
Mountains as learning landscapes: EcoArt and expressions of sustainability in youth
Mike Kimball, University of Northern Colorado

Building Place Through Cross-Cultural Community Engagement

V. Beth Kuser Olsen, Bahram Momen, Kaye L. Brubaker, Gerald E. Galloway Jr., Lewis (Ed) Link, University of Maryland, College Park; Stacy M. Langsdale, U.S. Army Corps of Engineers, Institute for Water Resources
A User-friendly, Inexpensive Model Interface Communicates Flood Risk Information Effectively and Motivates Action to Reduce Risk Using Realistic Interactive Visualization

2:45 - 3:15  Coffee Break

3:15 - 4:45  Symposia

**Human Dimensions of Marine Systems: Part 2**
Organizer: Stefano Longo, North Carolina State University

Lauren M. Ballou, Hawaii Pacific University
Enforcement encourages participation in resource management: Explaining a fisheries management paradox in Hawaii

Christine Beitl, University of Maine
Displaced Effort? Mangrove-Fishery Linkages and Livelihoods in Coastal Ecuador

Rebecca Clausen, Fort Lewis College; Stefano B. Longo, North Carolina State University; Brett Clark, University of Utah
AquAdvantage Salmon, the Tragedy of the Commodity, and the Biological Speed-Up

Apollonya Porcelli, Brown University
“Put in boxes”: the taming of New England’s groundfishery

**Urban Ecology Experiences in Latin America – Research for Action: Part 2**
Giving Back Rivers to Cities and Citizens
Organizer: Pablo García Serrano, Universidad Tecnica Particular de Loja, Loja, ECUADOR

Ricardo Sousa, Universidad Católica de Guayaquil, ECUADOR; Anna Serra-Llobet, Berkeley University
Obstacles and Opportunities for Green Infrastructure in Cities of Developing Countries

Anna Serra-Llobet, Berkeley University; Ricardo Sousa, Universidad Católica de Guayaquil, ECUADOR
Green Infrastructure in Urban and Peri-Urban Areas of Developing Countries: a Case Study in Cuenca, Ecuador

Building Urban Stream Transdisciplinarity for Andean Urban Stream Rehabilitation

Halasa, Zeina, Universidad Politécnica de Valencia, SPAIN; Daher C.; García-Serrano, P, Universidad Tecnica Particular de Loja, Loja, ECUADOR
Perceived Health, Physical Activity and Recreational Uses of the Green Corridor Zamora River in Loja (Ecuador)

**Food Security and Meal Culture in Urban Settings: A human ecological approach**
Organizer: Eva Ekehorn, Commonwealth Human Ecology Council, UK

Parto Teherani-Kröner, Humboldt-University of Berlin, GERMANY
Iva Pires, Universidade Nova de Lisboa, PORTUGAL
Peter Chatalos, Commonwealth Human Ecology Council, UK

**Paper Sessions**

Environmental Modeling and Social Decision Making

Adam Douglas Henry, University of Arizona
How Agent-Based Models of Social Learning Can Informing Better Environmental Decisions: The Case of Residential Solar Technology
Jessica DeShazo, California State University Los Angeles
*A Case of Redundancy and the Attempt to Recreate the Wheel: the drive toward REDD and the existing capacity of forest-certification*

Brittany Slabach, University of Kentucky
*Group Dynamics and Anthropogenic Effects: A Human Ecological Case Study*

Cameron Thomas Whitley, Michigan State University
*Assessing the Place of Identity in Perceptions of Risks and Benefits Associated with New Energy Technologies: Constructing A VBN and Identity Framework*

**Roundtable Discussion**

**Arts, Science, and Human Ecology**
Dru Colbert – College of the Atlantic
Louisa McCall – Artists in Context
Jennifer Rock – University of Otago, NEW ZEALAND
Harvey Seifter - Art of Science Learning
Gillian Bowser – Colorado State University
Alpina Begossi - FIFO-UNICAMP, BRAZIL

5:00 – 5:45  **Keynote Address**: David Sloan Wilson, SUNY - Binghampton and The Evolution Institute
*The New Social Darwinism*

6:00 - 8:00  **Lobster Dinner** - at Atlantic Oceanside (Tickets Required)

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**Friday, October 24**

**8:00 - 9:30  Symposia**

**Speaker Sessions on Global Development in Prosocial Group Design: Part 1**
Organizers: Dustin Eirdosh, The Positive Education Action-Research (PEAR) Laboratory, University of Toliara, MADAGASCAR, University of Kassel & University of Gießen, GERMANY
Timothy M. Waring, University of Maine, Orono

Meredith Niles, Harvard University
*Achieving Global and Local Climate Change Cooperation among New Zealand and California Farmers*

Vicken Hillis, University of California, Davis
*A Cultural Multilevel Selection Approach to Sustainability in California Viticulture*

**Human Ecological Approaches to Understanding Food Security**
Organizer: Rob Dyball, Australian National University, AUSTRALIA

Molly Anderson, College of the Atlantic
*Food System Transformation: Where Are We? Where Are We Going?*

Gerry Marten, Hawaii
*AESS working group on American food resilience*

David Dumaresq, Australian National University, AUSTRALIA
*Modelling Lower Mekong Basin Food Security*

**Paper Sessions**

**Contributed Papers**

Mihnea Tanasescu, Free University of Brussels, BELGIUM
*The Ethics of Restoration and Ecological Responsibility*
Lawrence J. Prelli, University of New Hampshire  
*The Invention of Plant Ecologies*

Robert Daniels, In-Harmony Foundation  
*CHINA – The Future World leader in Developing New Ecological Towns*

Michael Welsh, Keene State College  
*Political Discourses Revealed in Urban Master Planning: A Comparison of the Value and Provision of Public Goods Between American and Scandinavian Cities*

**Wider Points of View**

Mark D. Beatham, Plattsburg State University of New York  
*The Spell of the Barbarous: Languages, Social Imagination, and Human Ecology*

Margarita Garcia Notario, Plattsburgh State University of New York  
*Empathy at the heart of Human Ecology: Revisiting the Deep Ecology’s intuition that “everything hangs together”, from a neurobiological perspective*

Joseph Cistone, International Partners in Mission  
*Shaping the Future through Transformative Travel*

Katarina Matiascek, University of Vienna, AUSTRIA  
*Asymmetric Past – Mutual Future: Digitization and Dissemination of Historical Expedition Photography from the Collections of the Department of Anthropology (University of Vienna)*

**Roundtable Discussion**

*Human Ecology as the Educational Foundation for Protected Area Managers*  
Ken Cline, College of the Atlantic  
David Manski, Acadia National Park  
Christie Anastasia, Acadia National Park  
Rob Lilieholm, University of Maine - Orono

9:30 - 10:00  
**Coffee Break**  
10:00 - 11:30  
**Symposia**

**Speaker Sessions on Global Development in Prosocial Group Design: Part 2**  
Organizers: Dustin Eirdosh, The Positive Education Action-Research (PEAR) Laboratory, University of Toliara, MADAGASCAR, University of Kassel & University of GieBen, GERMANY  
Timothy M. Waring, University of Maine, Orono

Jeremy Brooks, The Ohio State University  
*Decentralization, cooperation, and sustainable resource management in Bhutan: The case of the Buddha Mushroom*

Dustin Eirdosh, The Positive Education Action-Research (PEAR) Laboratory, University of Toliara, MADAGASCAR, University of Kassel & University of GieBen, GERMANY  
*Searching for Superorganisms: A University-Assisted Model for integrating K-16 Science & Civic Education*

Susan Hanisch, SuLaMa, University of Kassel, GERMANY, University of Toliara – IST, MADAGASCAR  
*Case Study: Betanimena Station*

**Diversification as Adaption to Environmental Change**  
Organizer: Samuel Hanes, University of Maine - Orono

Samuel Hanes, University of Maine - Orono  
*Dependence on Commercial Honeybees in Maine’s Blueberry Industry and the Knowledge Requirements for Diversification*
Kourtney K. Collum, University of Maine - Orono
Barriers and Bridges to Pollination Security: Using Agriculture Education and Outreach to Encourage Diversification in the Wild Blueberry Industry

Samuel L. Belknap III, University of Maine - Orono
“Victims of Our Own Success:” The Precarious Position of Maine’s Lobster Fishery

Karen Pianka, University of Maine - Orono
Barriers and Bridges to Fishery Diversification: Early Adoption of Aquaculture by Commercial Fisherman

Paper Sessions

Communities, Gardens, and Food Security

Iva Miranda Pires, Universidade Nova de Lisboa, PORTUGAL
Urban Gardening Initiatives in Lisbon: a “gentrification” process?

Julie Lester, Middle Georgia State College
Cultivating Ecological and Civic Responsibility through Community Gardening

Piper Dumont, Columbia University Teachers College
Consuming Identity: The Power of Knowing the ‘Right Way to Eat’

Kelly Cristina de Morales Camargo, University of Campinas, BRAZIL
Where are going the Brazilian agroindustrial residues? A study case about the waste of the recent and significant agroindustry in the Brazil’s Centre-West region

Collaboration and Resource Management

Zachary Smith, Northern Arizona University
Collaborative Management for Natural Resources and Environmental Administration

Julie Watson, Studio Rede, New York, NY
The Agency of the Indigenous Landscape: Landscape Architecture without Landscape Architects

Jonathan Salerno, Monique Borgerhoff Mulder, University of California - Davis
Migration decision-making of agropastoralists and community-level resource management institutions in frontier regions of western Tanzania

Chelsea Schelly, Michigan Technological University
The Abundance of the Commons and the Politics of Plenty: One Community’s Understanding of Shared Resources Reconnecting with our Being: The Potential of 3-D Printing Technologies

Roundtable Discussion

Mathematics and Complex Systems
Richard Levins – Harvard University
David Feldman – College of the Atlantic

11:30 - 1:00 Lunch

1:30 - 2:30 Keynote Address: Keya Chatterjee, World Wildlife Fund - Optimism in the Face of Climate Change

Keynote Address: Carl Steinitz, Harvard University - After the Tsunami and the Nuclear Disaster: What Should Be The Future for Soma City, Japan?

2:30 – 3:00 Coffee Break

3:00 - 4:30 Symposia
Community Fisheries in Downeast Maine, An Evolving Model for Future Resilience
Organizers: Natalie Springuel, Maine Sea Grant; Chris Petersen, College of the Atlantic

Natalie Springuel, Maine Sea Grant
The Future

Chris Petersen, College of the Atlantic
Introduction

Carla Guenther, Penobscot East Resource Center
Revisiting the Lobster Gangs of Maine amid Ecosystem and Climate Change

Teresa Johnson, School of Marine Sciences – University of Maine
Social Resilience in Small-scale Fishing Communities: An Emphasis on Perceptions and Practice

Bridie McGreavy, Mitchell Center, University of Maine
Community-based participatory research for mudflat restoration

Anne Hayden, Manomet Center for Conservation Sciences
Fishing Forever: A Vision for Restored Fisheries in Eastern Maine

Picturing Animals in National Geographic
Organizer: Linda Kalof, Michigan State University

Jessica Bell, Michigan State University
On the Co-existence of Humans with Liminal Animals: Cultural Representations in the Northern Environment over the 20th Century

Stephen Vria, Michigan State University
Cute Dolphins and Fierce Owls: Representations of Animals on National Geographic Kids Magazine Covers

Cameron Whitley, Michigan State University
Media Representations of Animals in Urban Canada

Paper Sessions

Fishing Communities: Issues and Alternatives

Jennifer Marie S. Amparo, Australian National University AUSTRALIA
Are Small Scale Fish Farmers (SSFFs) Resilient? The Case of SSFFs in a polluted river in the Philippines

Apollonya Porcelli, Brown University
Sink or Swim: Bonding Capital in New Bedford’s Offshore Fisheries

Caroline Gottschalk Druschke, University of Rhode Island
Upstream Engagement: Community-based Support for Migratory Fish Passage

Vera Lucia Santos Alves, Santos Universidade do Estado da Bahia, BRAZIL
The Washerwomen to Hide D’water - the Ethos of Artisanal Fishermen of Angari Reflected in symbolic and Imaginary in the Community

Landscapes: Integrating Humans and Natural Systems

Robin Reid, University of Colorado
Myths and a Paradox about Rangelands and Pastoral Peoples Around the Globe

JoAnne DeRouen, University of Louisiana at Lafayette
Designing Transformative Land Use Economies for a Rural Coastal Community

Ingrid Heilke, United States Environmental Protection Agency
Exploring the Decision Landscape: Integration of Human and Natural Systems Using the Driver-Pressure-State-Impact-Response Framework and Dynamic Web Application
Saud S. Al-Oud, King Saud University, SAUDI ARABIA
The Need for a Rehabilitation of Polluted soils at Industrial communities in Kingdom of Saudi Arabia

Roundtable Discussion

*New Directions in Higher Education – Core Concepts and Curricula in Human Ecology*
Wolfgang Serber – German Society for Human Ecology (DGH), GERMANY
Kenneth Hill – College of the Atlantic
Sue Saguiguit – University of the Philippines – Los Banos, PHILIPPINES
Robert Dyball – Australian National University, AUSTRALIA

4:30 - 6:00 Reception and Awards, Poster Presentations - Gates Auditorium

6:30 Participants are free to arrange dinner groups in Bar Harbor

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**Saturday, October 25**

8:00 - 9:30 Symposia

*Lost in Translation: Human Ecology from Theory to Practice: Part 1*
Organizer: Rob Dyball, Australian National University, AUSTRALIA
Rob Dyball, Australian National University, AUSTRALIA
Understanding Human Ecology: Simple Expressions of Powerful Ideas

Bruin Christensen, John Schooneveldt, Australian National University, AUSTRALIA
*Human Ecology as a Decision Making Framework: Practical Implications for Land Managers -- How Might a Sustainable Food Production System Work?*

Gerald Marten, Hawaii
EcoTipping Points: Sharing lessons from success stories to teach systems thinking for sustainability

Robin van Tine, Saint Leo University
*Human Ecology: Imparting Big Ideas in a Big Teaching and Learning Context*

Samantha Coen, Saint Leo University

*Community Involvement in Energy: New Challenges, New Models*
Organizer: Jasmine Tanguay , Conservation Law Foundation, CLF Ventures
Jasmine Tanguay , Conservation Law Foundation, CLF Ventures
Michael Baram, Boston University School of Law
*A "New Social Contract" for Community-driven Governance of Energy Sector Impacts*

James A. Hamilton, National Spent Fuel Collaborative
*Nuclear Waste Storage -- Contributions from the Social Sciences in Siting Decisions*

Jennie C. Stephens, University of Vermont
*Community Engagement in Smart Grid and Electricity System Change*

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**Paper Sessions**

**Restoration-Biodiversity-Conservation**

Mihenea Tanasescu, Free University of Brussels, BELGIUM
*The Ethics of Restoration and Ecological Responsibility*

Patrick Parenteau, Vermont Law School
*What Would Leopold Say? The Future of Conservation in the Anthropocene*
Bruno Paladines, Nature and Culture International, ECUADOR
*An Integral Approach for the use of Biodiversity Improving its Conservation, and Enduring Wellbeing at a Local Level*

Mike Kimball, University of Northern Colorado
*Saving Which Past for Whom?*

**Regional Conservation: Traditional and Innovative Approaches**

Katherine Donahue, Plymouth State University
*The Diffusion of Innovation in Environmental Sustainability of Recreational Boating in New England*

Alison Glassie, University of Virginia
*Our Part in it All: Human Ecology and the Imperiled Ocean in Peter Matthiessen’s “Far Tortuga” and Monique Roffey’s “Archipelago”*

Meriel Brooks, Green Mountain College
*Lessons in resilience from the Pleistocene: Re-colonization of Lake Champlain waterways after the glaciers*

Jinfeng Zhang, Dejun Yang, Yunnan Academy of Forestry, Kunming, CHINA
*The Contribution of Traditional Tibetan Culture to the Nature Conservation in Northwest Yunnan*

**Roundtable Discussion**

**Evolution and Social Behavior**

Dustin Eirdosh, The Positive Education Action-Research (PEAR) Laboratory, University of Toliara, MADAGASCAR; University of Kassel/University of Gießen, GERMANY
David Sloan Wilson, SUNY - Binghampton and The Evolution Institute

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

10:00 - 11:30  **Symposia**

*Lost in Translation: Human Ecology from Theory to Practice: Part 2of 2*
*(All presenters are listed in Part 1; presenters’ specific times to be determined)*

**Wider Points of View: Philosophy, Psychology and Ecological Visions**
Organizer: Richard J. Borden, College of the Atlantic

William Throop, Green Mountain College
*Restoring Our Land - Restoring Ourselves*

John Visvader, College of the Atlantic
*The Pseudo-People - A Human Ecology of Intelligent Machines*

Patricia Honea-Fleming, Licensed Psychologist/College of the Atlantic
*Cooking Wonder, Serving Accountability: Swallowing the World Self*

Richard J. Borden, College of the Atlantic
*Further Reflections on ‘Ecology and Experience’*

**Paper Sessions**

**Regional Perspectives on Ecological Changes**

Libby Dean, Gail Baikie, Dalhousie University, CANADA
*Dislocation from the Rivers and Land – The Voices of Labrador Women in the Claiming Our Place: Women’s Relationship With Rivers Research Project*

Mariana Gonzalez Abundes, Lane F. Fargher, Centro de Investigación y de Estudios Avanzados del IPN – Unidad Mérida, Mexico MEXICO
Earth, cement, or grass? Materializing culture, politics and socioeconomics in the tropical urban residential landscape of Merida, Mexico

Abdul Ansari, Terai Arc Landscape, (TAL) Program, Sauraha, Chitwan, NEPAL
Linking Local People with Nature: An example from Amaltari Homestay, Chitwan National Park, Nepal

Kofi Akamani, Southern Illinois University
The Process and Outcomes of Community and Household Response to Change in Forest Policy in Ghana

Resiliency

Joshua Stoll, University of Maine - Orono, Patricia Pinto da Silva and Julie Olson, Northeast Fisheries Science Center – Woods Hole
Expanding the Geography of Resilience in Fisheries: Seafood Distribution in Three New England Fisheries

Jimena, Carla Edith G., Tanzo, Leora , Bibal, Ana M., Torio, Diana A.; Malenab, Maria Charisma T., Amparo, Jennifer Marie S.; Saguiguit, Sue Liza C.; Mendoza, Maria Emilinda T. and Consignado, Gillian D., University of Philippines, Los Banos, PHILIPPINES
Understanding Resiliency Thru Indigenous Culture and Forest Policy Dynamics: Lessons from the Pelawan Ke-Nuy Almaciga Tappers of Mount Matalingahan Protected Landscape, Brookes Pt, Palawan, Philippines

Vicente, Roselyn; Ascan Tricia C.; Torio, Diana A; Jimena , Carla Edith G.; and Solis, Goyena, University of Philippines, Los Banos, PHILIPPINES
The Role of Microfinance towards Island Resiliency: The Case of PRRM Microfinance, Inc., Camiguin Island, Philippines

Roundtable Discussion

Biodiversity, Re-wilding, Conservation
Tamiz I. Khan, Central University of Himachal Pradesh, INDIA
Mihnea Tanasescu, Free University of Brussels, BELGIUM
John Anderson, College of the Atlantic

11:30 - 12:30 Lunch

12:30 - 2:00 Paper Sessions

Water: Issues and Alternatives

Rob Lilieholm, University of Maine - Orono
Scenarios to Solutions: Alternative Futures Modeling across Two Maine Watersheds

Kristen Weil, University of Maine - Orono
Effects of watershed characteristics on stream vulnerability to degradation: implications for the future of streams in Maine, USA

Melissa Scanlan, Vermont Law School
Redesigning Urban Wastewater Treatment for Net Energy Production

Robert Thompson, University of Rhode Island
Social and Ecological Carrying Capacities in Rhode Island Coastal Waters: A Mixed Methods Approach

Roundtable Discussions

Eco-League College Consortium
Coordinator: Davis Taylor, College of the Atlantic

2:00 - 2:45 Keynote Address: Robert Dyball, SHE President , Australian National University, AUSTRALIA
Looking Forward: Some Future Pathways for Human Ecology
Posters

Posters may be on display throughout the meeting. In addition, there will be an opportunity for poster presenters to discuss their contributions during the Friday afternoon reception -- from 4:30 – 6:00 -- in Gates Auditorium.

The “Vivir Bien” Alternative to Neoliberalism
Gray Cox, College of the Atlantic

Alternative Future Growth Scenarios For Nairobi National Park, Kenya
Robert J. Lilieholm (Presenter), University of Maine, Orono
Michelle L. Johnson, USDA Forest Service
Spencer R. Meyer, Yale School of Forestry
Randall Boone, Colorado State University
Robin Reid, Colorado State University
Jared Stabach, Colorado State University

Coastal Sustainability from the Waterfront View of Homeowners: Using Fuzzy-Logic Cognitive Mapping for Participatory Conservation
Steve B. Scyphers
Steven A. Gray
Jonathan H. Grabowski
Michael W. Beck
Lauren I. Josephs

Systematic Identification of Stakeholders for Engagement with Systems Modeling Efforts in the Snohomish Basin, Washington, USA
Kate K. Mulvaney, ORISE Postdoctoral Fellow, U.S. Environmental Protection Agency, National Health Effects Research Lab, Atlantic Ecology Division
Marilyn Buchholtz ten Brink, U.S. Environmental Protection Agency, National Health Effects Research Lab, Atlantic Ecology Division
Karen Chu, U.S. Environmental Protection Agency, Office of Research and Development
Brad Warren, Sustainable Fisheries Partnership

Conservation Behavior Adoption of Modern Wood Fuel Systems in Maine and Panama
Erin Schlager, University of Maine
Jessica Leahy, University of Maine

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Daniela Schwarz University of Kassel, Germany

A Biodiverse Polluted Site in Coastal Maine: Opportunity and Dilemma
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Modeling Participation in Citizen Science
Lena Weiss, University of Rhode Island, Department of Marine Affairs
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Nataly Juerges, University of Maine, School of Forest Resources & Leuphana University Lüneburg
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Birth seasonality among Mayas from Yucatan, Mexico. A three generation study
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Association between body composition and BMI among Maya children from Yucatan, Mexico
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Shifting perspectives: Integrating social and psychological perspectives to reduce wildlife trade demand
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Shellfish Farms as Agritourism Destinations: The Grower's Perspective
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Ingrid Heilke, U.S. EPA Office of Research and Development, Oak Ridge Institute for Science and Education
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Dislocation from the Rivers and Land – The Voices of Labrador Women in the Claiming Our Place: Women’s Relationship
With Rivers Research Project
Libby Dean, Claiming Our Place: Women’s Relationship With Rivers
Gail Baikie, Claiming Our Place: Women’s Relationship With Rivers, Dalhousie University

Virtual Ethnography of Pankararu Indians in Sertão Pernambucano
Ricardo Bitencourt, The Brazilian Federal Institute of Technology at Sertão Pernambucano
Juracy Marques, University of Bahia and FACAPE-PE, Brazil
Iva Pires, Universidade Nova de Lisboa, Portugal

Electronic technology, mental health, and nature exposure: Resting from screen time to improve college student capacity for
creative reasoning
Andrew G. Bentley, Green Mountain College
Nate Furman, Green Mountain College

A Geospatial Inventory of Human Uses of Rhode Island Coastal Ponds
Julia Bancroft, University of Rhode Island

The ‘re-socialization’ processes through Participatory Action Research (PAR) working with the communities of San Crisanto
and Chelem: Understanding, imagining, and improving a community
Pablo Aguillera Del Castillo, College of the Atlantic, USA.
Maria Teresa Castilllo Burguete, CINVESTAV, Mexico

Earth, cement, or grass? Materializing culture, politics and socioeconomics in the tropical urban residential landscape of
Merida, Mexico
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