



XX International Conference Society for Human Ecology

Ecological Responsibility and Human Imagination:

Saving the Past - Shaping the Future

Bar Harbor, Maine
October 22 - 25, 2014



Hosted by:

 College of the Atlantic

105 Eden Street, Bar Harbor, ME 04609 USA

www.coa.edu

CONFERENCE NOTES

Roundtable Discussions

The program includes a series of roundtable discussions on topics suggested by conference participants. They are designed to provide an open forum in which people can come together to raise questions, exchange ideas, and discuss issues. A few participants' names appear under each roundtable theme to the program. These are individuals who expressed an interest in roundtable participation or whose interests coincide with the topic. We hope they will begin the discussion, draw in others, and help to see that the discussions are fruitful.

Chairing of Symposia/Paper Sessions

The scheduling of sessions is very tight. All session chairs are urged to begin on time and to monitor presentations and discussion carefully. Please try to end your session on time – to allow for re-seating and audio-visual set-up for the subsequent session. It is critical that symposia and paper sessions do not run into the next period!

Space Limitations

College of the Atlantic facilities are designed for small classes and meetings. Unfortunately, there may not be enough seats for all conference attendees during some sessions. In these cases, pre-registered participants should have seating priority. We apologize for this inconvenience.

Coffee and Pastries – will be available at no cost to conference registrants on Thursday, Friday and Saturday.

Continental Breakfast and Lunches may be purchased in the Blair Dining Hall on Thursday and Friday. Lunches are also served in Deering Commons -- the next building to the south of the Turrets. However, these on-campus services may be slow, due to the large number of people attending the meeting. If breakfast is available in your hotel, it may be advisable to take advantage of it. Saturday lunch will be provided for all registered participants.

Thursday Evening Dinner – The lobster dinner on Thursday will be held at the Atlantic Oceanside (next door to COA). Seating capacity is limited to 200. The cost of the dinner is included in the registration fee for *full-pay registrants*. Extra tickets may be purchased in advance for \$50/person, as long as they are available (Please check at the Registration Desk). Thursday dinner for *student registrants and other discounted registrations* will be provided in Blair Dining Hall. Please bring the dinner ticket that is attached to your registration materials.

Sponsors

The board and members of the Society for Human Ecology acknowledge the support and cooperation of:

College of the Atlantic
Commonwealth Human Ecology Council (CHEC)
Deutsche Gesellschaft für Humanökologie (DGH)
Universidad de Guayaquil
Universidad Técnica Particular de Loja (UTPL)
GEI Consultants, Inc.
Seth Sprague Foundation
Fitz Eugene Dixon

Cooperating Organizations



College of the Atlantic



CHEC



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UTPL



Universidad de Guayaquil



GEI Consultants

Ecological Responsibility and Human Imagination: Saving the Past ~ Shaping the Future

XX International Conference of the Society for Human Ecology

Program Overview

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 - 5:00 **Registration** – Kaelber Hall

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

Structural Human Ecology Symposium (in Honor of Eugene Rosa): Part 1 of 3 - Straus Seminar Room (Turrets)
Watershed Approaches to Hydropower Licensing and Development – Library Seminar Room
Stewardship and Adaptive Conservation - Gower (Turrets)
Eco-education I - Putnam (Turrets)

Roundtable Discussion

Building Sustainable Communities: International, National, Local Perspectives - McCormick Lecture Hall

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* - Gates Auditorium

10:45 – 12:15 **Symposia/Paper Sessions**

Structural Human Ecology Symposium (in Honor of Eugene Rosa): Part 2 of 3 Straus Seminar Room (Turrets)
Urban Ecology Experiences in Latin America – Research for Action: Part 1, Urban Landscape and Biodiversity - Gower (Turrets)
Art – Science Interaction: How Can We Further the Effect? - Gates Auditorium
Eco- education II - Putnam (Turrets)

Roundtable Discussions

The Importance of Social Justice and Human Rights in the Human Ecology Curricula - McCormick Lecture Hall
Ecological Responsibility and the Possibility for Creative Resilience: What Next for Radical Human Ecology? - Library Seminar Room

12:15 - 1:15 **Lunch**

1:15 - 2:45 Symposia/Paper Sessions

Structural Human Ecology Symposium (in Honor of Eugene Rosa): Part 3 of 3 - Straus Seminar Room (Turrets)
Human Dimensions of Marine Systems: Part 1 of 2 - McCormick Lecture Hall
Health, Spirituality, and Ecological Lifestyles - Library Seminar Room
Community, Conservation and Stewardship - Gower (Turrets)
Wellbeing: Insights and Innovation – Putnam (Turrets)

2:45 - 3:15 Coffee Break

3:15 - 4:45 Symposia/Paper Sessions

Human Dimensions of Marine Systems: Part 2 - McCormick Lecture Hall
Urban Ecology Experiences in Latin America – Research for Action: Part 2 - Gower (Turrets)
Food Security and Meal Culture in Urban Settings: A human ecological approach - Putnam (Turrets)
Environmental Modeling and Social Decision Making - Library Seminar Room

Roundtable Discussion

Arts, Science, and Human Ecology - Studio 5

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

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

Friday, October 24

8:00 - 9:30 Symposia/Paper Sessions

Speaker Sessions on Global Development in Prosocial Group Design: Part 1 - Gates Auditorium
Human Ecological Approaches to Understanding Food Security - McCormick Lecture Hall
Contributed Papers - Gower (Turrets)
Wider Points of View - Library Seminar Room

Roundtable Discussion

Human Ecology as the Educational Foundation for Protected Area Managers - Straus Seminar Room (Turrets)

9:30 - 10:00 Coffee Break

10:00 - 11:30 Symposia/Paper Sessions

Speaker Sessions on Global Development in Prosocial Group Design: Part 2 – Gates Auditorium
Diversification as Adaption to Environmental Change - Straus Seminar Room (Turrets)
Communities, Gardens, and Food Security - Putnam (Turrets)
Fishing Communities: Issues and Alternatives - Gower (Turrets)

Roundtable Discussion

Mathematics and Complex Systems - McCormick Lecture Hall

11:30 - 1:00 Lunch - Blair Dining Hall

1:00 - 2:30 Keynote Address: Carl Steinitz, Harvard University - *After the Tsunami and the Nuclear Disaster: What Should Be The Future for Soma City, Japan?* - Gates Auditorium

Keynote Address: Keya Chatterjee, World Wildlife Fund - *Optimism in the Face of Climate Change*
Gates Auditorium

2:30 – 3:00 Coffee Break

3:00 - 4:30 Symposia/Paper Sessions

Community Fisheries in Downeast Maine, An Evolving Model for Future Resilience - McCormick Lecture Hall
Picturing Animals in National Geographic - Straus Seminar Room (Turrets)
Collaboration and Resource Management - Gower (Turrets)
Landscapes: Integrating Humans and Natural Systems - Putnam (Turrets)

Roundtable Discussion

New Directions in Higher Education – Core Concepts and Curricula in Human Ecology - Library Seminar Room

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

6:00 Participants are free to arrange dinner groups in Bar Harbor

8:00 Special After-Dinner Event: “Soundscape Concert” Gates Auditorium

Saturday, October 25

8:00 - 9:30 Symposia/Paper Sessions

Lost in Translation: Human Ecology from Theory to Practice: Part 1 - Gates Auditorium
Community Involvement in Energy: New Challenges, New Models - McCormick Lecture Hall
Restoration-Biodiversity-Conservation - Gower (Turrets)
Regional Conservation: Traditional and Innovative Approaches - Putnam (Turrets)

Roundtable Discussion

Evolution and Social Behavior - Straus Seminar Room (Turrets)

9:30 - 10:00 Coffee Break

10:00 - 11:30 Symposia/Paper Sessions

Lost in Translation: Human Ecology from Theory to Practice: Part 2 of 2 - Gates Auditorium
Philosophy, Psychology and Ecological Visions - McCormick Lecture Hall
Regional Perspectives on Ecological Changes - Gower (Turrets)
Resiliency - Putnam (Turrets)

Roundtable Discussion

Environmental Design: Ecology and Imagination - Straus Seminar Room (Turrets)

11:30 - 12:30 Lunch

12:30 - 2:00 Paper Session

Water: Issues and Alternatives - Straus Seminar Room (Turrets)

Roundtable Discussion

Biodiversity, Re-wilding, Conservation - Putnam (Turrets)
Eco-League College Consortium - Gower (Turrets)
Small Group Discussions – TBD - Library Seminar Room

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

2:45 - 3:30 SHE Business Meeting - McCormick Lecture Hall

Thomas Dietz is professor of Sociology and Environmental Science and Policy (ESPP) and assistant vice president for environmental research at Michigan State University. A fellow of the American Association for the Advancement of Science, Tom has been awarded the Sustainability Science



Award of the Ecological Society of America (ESA) and the Gerald L. Young Book Award from the Society for Human Ecology. At the National Research Council he has served as chair of the U.S. National Research Council Committee on Human Dimensions of Global Change and is currently vice chair of the Panel on Advancing the Science of Climate Change of the America's Climate Choices study. Tom is also a former president of the Society for Human Ecology. He has co-authored or co-edited a dozen books and more than 100 papers and book chapters. His current research examines the human

driving forces of environmental change, environmental values and the interplay between science and democracy in environmental issues.

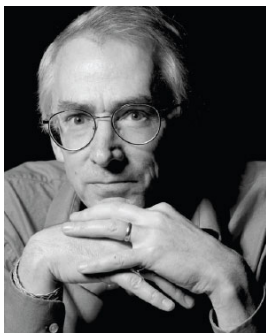
Louisa McCall is co-founder and co-director of Artists in Context and associate curator and program director for the Artists' Prospectus for the Nation (2009 – present). Louisa was also program director at the LEF Foundation from 2000 – 2008, where she oversaw the investment of \$4.3



million in 420 artist and organizational projects and created special strategic initiatives for independent film production, artist support systems, and public art, architecture and design. Prior to joining LEF, Louisa organized a national conference for The Institute for Art and Civil Dialogue at Harvard University (with Anna Deavere Smith), the W.E.B. DuBois Institute and the American Repertory Theater. In her many freelance projects, Louisa has focused on the relationship between art and civic life. In 2006, she developed a vision and strategic plan for the City of Boston Public Art Commission.

Louisa has been involved at the Institute of Contemporary Art in Boston as a member of the board of directors and as a strategic consultant for public programs and special artistic initiatives.

David Sloan Wilson is SUNY Distinguished Professor of Biology and Anthropology at Binghamton University and president of The Evolution Institute. He is widely known for his fundamental



contributions to evolutionary science and for explaining evolution to the general public. His books include *Evolution for Everyone: How Darwin's Theory Can Change the Way We Think About Our Lives*; *Darwin's Cathedral: Evolution, Religion, and the Nature of Society*; and *Unto Others: The Evolution and Psychology of Unselfish Behavior* (with Elliot Sober). In addition to his own research, Dr. Wilson manages programs that expand the scope of evolutionary science in higher education, public policy, community-based research, and the study of religion.

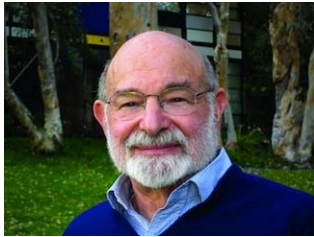
Keya Chatterjee is director of Renewable Energy and Footprint Outreach for World Wildlife Fund. Before joining WWF, she worked for NASA to communicate research results on climate change. Now, as part of WWF's climate team, Keya is working on every level – local to global – to raise



awareness about climate change and facilitate progress at the highest levels of government toward a new global climate treaty. Whether learning from people in lowland communities adapting to rising sea levels to being part of multilateral climate discussions, Keya is looking at the big picture for people and conservation around the world. When we look at the science on which the WWF climate program is based, the issues can appear daunting. Yet as Keya likes to say, “We’re in control of our fate here”, and she maintains an optimistic view about the sustainable choices individuals, corporations and governments can make

to prepare for what’s to come. Keya is also a regular contributor to mothering.com, where she writes about climate change and motherhood.

Carl Steinitz is Alexander and Victoria Wiley Professor of Landscape Architecture and Planning at Harvard University’s Graduate School of Design. Carl’s interests are reflected in his teaching and



research on landscape change, methods of landscape analysis, visual quality, and landscape planning and design. His courses have included Theories and Methods of Landscape Planning, a seminar on Visual Landscape, the Third Semester Core Studio and annual Studio Options. Steinitz's research is devoted to improving the methods by which planners and designers organize and analyze information about large land areas and how they make major design decisions. In 1984, he

received the Outstanding Educator Award of the Council of Educators in Landscape Architecture; he also received the 1996 Distinguished Practitioner Award from the International Association for Landscape Ecology.; and in 1987, he was awarded an honorary professorship by the Beijing Forestry University.

Robert Dyball convenes the 40 year-old Human Ecology Program at the Fenner School of Environment and Society at the Australian National University (ANU). He is current president of the



Society for Human Ecology (SHE) and past chair of the human ecology section of the Ecological Society of America (ESA). Rob hosted the SHE conference at the ANU in February 2013 -- jointly with the International Conference on Sustainability Science in Asia (ICSS-Asia); he is also editor for the *Human Ecology Review* and human ecology subject-editor for *Ecosystem Health and Sustainability*, a partnership venture of ESA and the Ecological Society of China (ESC). His research interests and activities are focused on the application of dynamic systems thinking in human ecology

and global food security issues. Robert holds a citation for outstanding contributions to student learning from the Australian Learning and Teaching Council. He has recently completed a textbook *Understanding Human Ecology*, to be published later this year by Routledge.

Ecological Responsibility and Human Imagination: Saving the Past ~ Shaping the Future

XX International Conference of the Society for Human Ecology

Program

Wednesday, October 22

3:00 - 7:00 **Registration** - Kaelber Hall

5:00 - 6:00 **Reception** – George B. Dorr Museum of Natural History
Host: Carrie Graham – Museum Director

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*

Introduction: Eva Ekehorn, - Commonwealth Human Ecology Council (CHEC)/Past President SHE

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–

Straus Seminar Room (Turrets)

(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

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

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

Watershed Approaches to Hydropower Licensing and Development - Library Seminar Room

Organizer: Shannon Luoma, Project Scientist, GEI Consultants

Karen Klosowski, Senior Environmental Planner, GEI Consultants
A Watershed Approach to Hydro – Where & How Could it Work?

Jeremy Pratt, Vice President, GEI Consultants
Strategic and Collaborative Approaches to Restoring Fish Passage: a watershed approach to the relicensing of hydropower dams

Jessie Thomas-Blate, 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 – Gower (Turrets)

Moderator: T. I. Khan, University of Rajasthan, Jaipur, INDIA

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, University of Rajasthan, Jaipur, INDIA

Biodiversity Conservation and Management in Thar Desert

Eco-education I – Putnam (Turrets)

Moderator: Gene Myers, Western Washington University

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

Roundtable Discussion

Building Sustainable Communities: International, National, Local Perspectives – McCormick Lecture Hall

Jay Friedlander – College of the Atlantic

Anna Demeo – College of the Atlantic

Soren Hermansen – Samsø Energy Academy, DENMARK

Malene Lunden – Samsø 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 – Gates Auditorium

Introduction: Dru Colbert, College of the Atlantic

10:45 - 12:15 Symposia

Structural Human Ecology Symposium (in Honor of Eugene Rosa): Part 2 of 3 –

Straus Seminar Room (Turrets)

John Shandra, SUNY at Stony Brook; Bruce London, Clark University

The World Bank, Environmental Lending, and Forest Loss: A Cross-National Analysis

Julia Steinberger, Will Lamb, Marco Sakai, University of Leeds, UK

Your Money or Your Life? The Carbon-Development Paradox

Sandy Marquart-Pyatt, Michigan State University

Environmental Sustainability: The Ecological Footprint in West Africa

Urban Ecology Experiences in Latin America – Research for Action: Part 1, Urban Landscape and Biodiversity – Gower (Turrets)

Organizer: Pablo Garcia Serrano, Universidad Tecnica Particular de Loja, Loja, ECUADOR

Arnao, Lissel.; Quinteros, Z.. Universidad Nacional 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 Nacional 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; Quinteros, Z., Universidad Nacional Agraria La Molina, Lima, PERU
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; García-Serrano, P., Universidad Tecnica Particular de Loja, Loja, ECUADOR; Angeolletto F.
Community Participation in Landscape Design in Urban Ecology

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

Participants:

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

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

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

Special Session keynote:

Harvey Seifter, director, Art of Science Learning
Art/Science/Innovation: The Art of Science Learning

Paper Sessions

Eco- education II – Putnam (Turrets)
Moderator: Gene Myers, Western Washington University

Barbara Anderson, Melody LeHew, Kim Hiller, Kansas State University; Cosete Armstrong, Oklahoma State University; Gwendolyn Hustvedt, Texas State University
The Contributing Role of Diverse Perspectives in Making Climate Change a Functioning Thread in the Baccalaureate Curriculum

Gene Myers, Western Washington University
Eco-education for Human Flourishing: Mapping Positive Psychology Research onto Ecological Praxis

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

Juracy Marques, Wellington Amancio, 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 Discussion

The Importance of Social Justice and Human Rights in the Human Ecology Curricula –
McCormick Lecture Hall
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? – Library Seminar Room

Lewis Williams – University of Southern Queensland AUSTRALIA

Makere Harawira Stewart - University of Alberta, CANADA

Barabara Mainguy - Coyote Institute, Augusta, Maine

Lewis Mehl Madrona - Coyote Institute, Augusta, Maine

Rose Roberts – Rose Roberts Consulting

12:15 - 1:15 Lunch

1:15 - 2:45 Symposia

Structural Human Ecology Symposium (in Honor of Eugene Rosa): Part 3 of 3 –

Straus Seminar Room (Turrets)

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

Tom Burns, Oklahoma University; Tom Rudel, Rutgers University

Metatheorizing Structural Human Ecology

Tomas Rudel, Rutgers University; Thomas Burns, University of Oklahoma

Building Metatheory in Structural Human Ecology

Human Dimensions of Marine Systems: Part 1 of 2 – McCormick Lecture Hall

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

Noelani Puniwai, University of Hawaii 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 Republic

Paper Sessions

Health, Spirituality, and Ecological Lifestyles – Library Seminar Room

Moderator: Thomas Burns, University of Oklahoma

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 – Gower (Turrets)
Moderator: Alpina Begossi, FIFO-UNICAMP, BRAZIL

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

Wellbeing: Insights and Innovation – Putnam (Turrets)
Moderator: Gray Cox, College of the Atlantic

Gray Cox, College of the Atlantic
The Challenges of a “Smarter Planet”: Right Relationships on a Wiser Earth

Laurie Hurson, The Graduate Center at the City University of New York
The Process of Simple Living: Cultivating a Lifestyle Praxis

J. Kevin Summers, Lisa M. Smith, and Linda C. Harwell, United States Environmental Protection Agency, Gulf Ecology Division
An Index of Human Well-Being for the U.S.: A TRIO Approach

Randolph Schwering, Helzberg School of Management, Rockhurst University
Leading the Living Organization

2:45 - 3:15 Coffee Break

3:15 - 4:45 Symposia

Human Dimensions of Marine Systems: Part 2 – McCormick Lecture Hall
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 Beitzl; Kendra Bird, 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 – Gower (Turrets)

Organizer: Pablo Garcia Serrano, Universidad Tecnica Particular de Loja, Loja, ECUADOR

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

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

Pablo García-Serrano, Universidad Tecnica Particular de Loja, Loja, ECUADOR, et al.
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 – Putnam (Turrets)
Organizer: Eva Ekehorn, Commonwealth Human Ecology Council, UK

Parto Teherani-Krönner, Humboldt-University of Berlin, GERMANY
Iva Pires, Universidade Nova de Lisboa, PORTUGAL
Peter Chatalos, Commonwealth Human Ecology Council, UK
Molly Anderson, College of the Atlantic, USA

Paper Sessions

Environmental Modeling and Social Decision Making – Library Seminar Room
Moderator: Jessica DeShazo, California State University Los Angeles

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 – Studio 5
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
William Carpenter – College of the Atlantic

5:00 – 5:45 Keynote Address: David Sloan Wilson, SUNY – Binghamton and The Evolution Institute
The New Social Darwinism – Gates Auditorium
Introduction: Dustin Eirdosh, , University of Toliara, MADAGASCAR, University of Kassel & University of Gießen, GERMANY

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

8:00 - 9:30 Symposia

Speaker Sessions on Global Development in Prosocial Group Design: Part 1 – Gates Auditorium
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

Timothy M. Waring, University of Maine, Orono
A Multilevel Evolutionary Framework for Sustainability Analysis

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 – McCormick Lecture Hall
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, EcoTipping Points Project
AESS working group on American food resilience

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

John Schooneveldt, Australian National University, AUSTRALIA
Human Ecology Approaches to Understanding Food Security

Paper Sessions

Contributed Papers – Gower (Turrets)
Moderator: Mihnea Tanasescu, Free University of Brussels, BELGIUM

Mihnea Tanasescu, Free University of Brussels, BELGIUM
The Meanings of Re-wilding

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 Cities

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 – Library Seminar Room
Moderator: Jamie McKown, College of the Atlantic

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 Matiasek, 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 - Straus Seminar Room (Turrets)

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 – Gates Auditorium
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

Jeremy Brooks, The Ohio State University

Decentralization, cooperation, and sustainable resource management in Bhutan: The case of the Buddha Mushroom

Susan Hanisch, SuLaMa, University of Kassel, GERMANY, University of Toliara – IST, MADAGASCAR

Betanimena Station: A Collaborative Education, Research, and Development Project in South-Western Madagascar

Dustin Eirdosh, The Positive Education Action-Research (PEAR) Laboratory, University of Toliara, MADAGASCAR, University of Kassel & University of Gießen, GERMANY

Civic Ecology at Betanimena Station: An Evolutionary Studies Framework for K-16 Education, Research, and Development

Diversification as Adaption to Environmental Change - Straus Seminar Room (Turrets)

Organizer: Samuel Hanes, University of Maine – Orono

Discussant: Teresa Johnson, 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; Samuel Hanes, University of Maine - Orono

Barriers and Bridges to Pollination Security: Education and Outreach to Encourage Diversification in Maine's 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; Teresa Johnson; Samuel Hanes, University of Maine - Orono

Waterfronts that Work: Adoption of Aquaculture by Commercial Fisherman

Teresa Johnson, University of Maine - Orono

Discussion: Diversification and Innovation in Agricultural and Marine Systems

Paper Sessions

Communities, Gardens, and Food Security – Putnam (Turrets)

Moderator: Kristen Dunphey, College of the Atlantic

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 Moraes 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

Fishing Communities: Issues and Alternatives – Gower (Turrets)
Moderator: Jennifer Marie S. Amparo, Australian National University AUSTRALIA

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

Jonathan Grabowski, Steven Scyphers, Department of Marine and Environmental Sciences, Marine Science Center, Northeastern University; Steve Picou, Coastal Resource and Resiliency Center, University of South Alabama
Social Disruption, Adaptive Capacity and Conservation in the New England Groundfish Fishery

Vera Lucia Santos Alves, Juracy Marques Santos Universidade do Estado da Bahia, BRAZIL
The Washerwomen to Nêgo D'água - the Ethos of Artisanal Fishermen of Angari Reflected in symbolic and Imaginary in the Community

Roundtable Discussion

Mathematics and Complex Systems – McCormick Lecture Hall
Richard Levins – Harvard University
David Feldman – College of the Atlantic
John Schooneveldt – Australian National University, AUSTRALIA

11:30 - 1:00 **Lunch**

1:00 - 2:30 **Keynote Address:** Carl Steinitz, Harvard University - *After the Tsunami and the Nuclear Disaster: What Should Be The Future for Soma City, Japan?* – Gates Auditorium
Introduction: Isabel Mancinelli, College of the Atlantic

Keynote Address: Keya Chatterjee, World Wildlife Fund - *Optimism in the Face of Climate Change* - Gates Auditorium
Introduction: Darron Collins, College of the Atlantic

2:30 – 3:00 **Coffee Break**

3:00 - 4:30 **Symposia**

Community Fisheries in Downeast Maine, An Evolving Model for Future Resilience – McCormick Lecture Hall
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 - Straus Seminar Room (Turrets)
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

Collaboration and Resource Management – Gower (Turrets)
Moderator: Zachary Smith, Northern Arizona University

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

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

Stephen Gray, University of Massachusetts
Mental Modeler: Incorporating Individual and Group Stakeholder Knowledge into Natural Resource Decision-making through a Fuzzy-logic cognitive Mapping (FCM) Software Tool

Landscapes: Integrating Humans and Natural Systems – Putnam (Turrets)
Moderator: Isabel Mancinelli, College of the Atlantic

Robin Reid, Colorado State University
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
SystemSketch: A Scoping Tool for Exploring Interactions Among Human & Natural Systems

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

Roundtable Discussion

New Directions in Higher Education – Core Concepts and Curricula in Human Ecology –

Library Seminar Room

Wolfgang Serbser – 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

Bonnie Tai – College of the Atlantic

Gene Myers – Western Washington University

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

6:00 Participants are free to arrange dinner groups in Bar Harbor

8:00 **Special After Dinner Event: Soundscape Concert**

Jed Speare and several College of the Atlantic students will perform a layered, ensemble sound work based in live mixing and processing of multiple location recordings made on Mt. Desert Island during the preceding two weeks.

Jed Speare is a multidisciplinary artist whose work in sound has encompassed field recording, composition, installation, soundscape history, research, advocacy, and acoustic ecology for the past 40 years. He has also worked as an educator and arts manager and has a long association with the seminal Boston alternative arts organization, Mobius, as well as Studio Soto, and has served as Director to both for a combined twenty years. His record album, *Cable Car Soundscapes* on Smithsonian Folkways Records (1982), is considered a classic of its genre, and in 2008, the UK sound magazine *Wire* called him, "a pioneer of multimedia presentation."

8:00 - 9:30 Symposia

Lost in Translation: Human Ecology from Theory to Practice: Part 1 – Gates Auditorium

Organizer: Rob Dyball, Australian National University, AUSTRALIA

Rob Dyball, Australian National University, AUSTRALIA

Understanding Human Ecology: Simple Expressions of Powerful Ideas

John Schooneveldt, Australian National University, AUSTRALIA

How Might a Sustainable Food Production System Work?

Bruin Christensen, Australian National University, AUSTRALIA

Human Ecology as Philosophy

Gerry Marten, EcoTipping Points Project

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

Delivering Complex Course Content in an Online Environment: A New Innovative and Interactive Online Course in Human Ecology

Community Involvement in Energy: New Challenges, New Models - McCormick Lecture Hall

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

Paper Sessions

Restoration-Biodiversity-Conservation – Gower (Turrets)

Moderator: Mike Kimball, University of Northern Colorado

Mihnea 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 – Putnam (Turrets)

Moderator: Meriel Brooks, Green Mountain College

Katherine Donahue, Brian Eisenhauer, and Alexander Bridgewater 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 - Straus Seminar Room (Turrets)

Dustin Eirdosh, University of Toliara, MADAGASCAR; University of Kassel/University of Gießen, GERMANY

David Sloan Wilson, SUNY - Binghamton and The Evolution Institute

Timothy Waring, University of Maine - Orono

John G. Anderson, College of the Atlantic

Helen Hess, College of the Atlantic

William Carpenter, College of the Atlantic

9:30 - 10:00 Coffee Break

10:00 - 11:30 Symposia

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

Philosophy, Psychology and Ecological Visions - McCormick Lecture Hall

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 – Gower (Turrets)

Moderator: Libby Dean, Dalhousie University, CANADA

Libby Dean, Gail Baikie, FemNorthNet & 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

Wellington Amancio, Juracy Marques, Universidade do Estado da Bahia, BRAZIL

Human Ecology as Science in Brazil

Kofi Akamani, Southern Illinois University

The Process and Outcomes of Community and Household Response to Change in Forest Policy in Ghana

Abdul Sahim Ansari, Terai Arc Landscape, (TAL) Program, Sauraha, Chitwan, NEPAL

Linking Local People with Nature: An example from Amaltari Homestay, Chitwan National Park, Nepal

Resiliency – Putnam (Turrets)

Moderator: Davis Taylor, College of the Atlantic

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

Lopez-Maldonado, Ludwig-Maximilians-Universität München, GERMANY

Working water from the ground- Building bridges between science and society by applying transdisciplinary approaches in Yucatan, Mexico

Roundtable Discussion

Environmental Design, Ecology and Imagination - Straus Seminar Room (Turrets)

Carl Steinitz – Harvard Graduate School of Design

Isabel Mancinelli – College of the Atlantic

Richard Toth – Utah State University

Julia Watson – Rede Studios New York City

11:30 - 12:30 Lunch

12:30 - 2:00 Paper Sessions

Water: Issues and Alternatives - Straus Seminar Room (Turrets)

Moderator: Rob Lillieholm, University of Maine - Orono

Rob Lillieholm, 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

Roundtable Discussions

Biodiversity, Re-wilding, Conservation – Putnam (Turrets)

Tamiz I. Khan, University of Rajasthan, Jaipur - INDIA

Mihnea Tanasescu, Free University of Brussels, BELGIUM

John Anderson, College of the Atlantic

Eco-League College Consortium – Gower (Turrets)

Coordinator: Davis Taylor, College of the Atlantic

Small Group Discussions – TBD – Library Seminar Room

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

2:45 - 3:30 SHE Business Meeting - McCormick Lecture Hall

Posters

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, Northeastern University
Steven A. Gray, University of Massachusetts
Jonathan H. Grabowski, Northeastern University
Michael W. Beck, The Nature Conservancy
Lauren I. Josephs

Systematic Identification of Stakeholders for Engagement with Systems Modeling Efforts in the Snohomish Basin, Washington, USA
Kate K. Mulvaney, 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

Adapting Agriculture to Climate Change: Water-Saving Irrigation Method for Ridge Cultivation – a Remedy for Water Scarcity in Late Spring in Germany’s Vegetables
Daniela Schwarz University of Kassel, GERMANY

A Biodiverse Polluted Site in Coastal Maine: Opportunity and Dilemma
Ian D. Medeiros, College of the Atlantic
N. Rajakaruna, College of the Atlantic

Modeling Participation in Citizen Science
Lena Weiss, University of Rhode Island, Department of Marine Affairs
Tracey Dalton, University of Rhode Island, Department of Marine Affairs

Wind Energy Conflicts in Forested Landscapes – A Comparative Case-Study between Maine, USA and Rhineland-Palatinate, Germany
Nataly Juerges, University of Maine, Leuphana University, GERMANY
Jessica Leahy, University of Maine,
Jens Newig, Leuphana University, GERMANY

Birth Seasonality among Mayas from Yucatan, Mexico. A Three Generation Study
Hugo Azcorra, Centro de Investigación y de Estudios Avanzados, Unidad Mérida, Merida, MEXICO
Adriana Vazquez-Vazquez, Centro de Investigación y de Estudios Avanzados, Unidad Mérida, Merida, MEXICO
Federico Dickinson, Centro de Investigación y de Estudios Avanzados, Unidad Mérida, Merida, MEXICO

Association between Body Composition and BMI among Maya Children from Yucatan, Mexico
Hugo Azcorra, Centro de Investigación y de Estudios Avanzados, Unidad Mérida, Merida, MEXICO

Paulina Cauich-Vinas, Centro de Investigación y de Estudios Avanzados, Unidad Mérida, Merida, MEXICO
Federico Dickinson, Centro de Investigación y de Estudios Avanzados, Unidad Mérida, Merida, MEXICO

Shellfish Farms as Agritourism Destinations: The Grower's Perspective
Maria Vasta, University of Rhode Island

Group Dynamics and Anthropogenic Effects: A Human Ecological Case Study
Brittany L. Slabach, University of Kentucky
John T. Hast, University of Kentucky
Philip H. Crowley, University of Kentucky
John J. Cox, University of Kentucky

Exploring the Decision Landscape: Integration of Human and Natural Systems Using the Driver-Pressure-State-Impact-Response Framework and Dynamic Web Application
Ingrid Heilke, U.S. EPA Office of Research and Development
Marilyn Buchholtz ten Brink, U.S. EPA Office of Research and Development
Thomas Stockton, Neptune, Inc., Los Alamos, NM
Bryan Dyson, U.S. EPA Office of Research and Development
Claudette Ojo, Oak Ridge Institute for Science and Education

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, FemNorthNet & Dalhousie University, CANADA
Gail Baikie, FemNorthNet & Dalhousie University, CANADA
Petrina Beals, FemNorthNet, CANADA

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
Ricardo José Amorim, UNEB Campus VII / FACAPE

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, University of Utah

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 Aguilera Del Castillo, College of the Atlantic, USA
Maria Teresa Castillo Burguete, CINVESTAV, MEXICO

Earth, Cement, or Grass? Materializing Culture, Politics and Socioeconomics in the Tropical Urban Residential Landscape of Merida, Mexico
Mariana González Abundes, Centro de Investigación y de Estudios Avanzados del IPN – Unidad Mérida, MEXICO
Lane F. Fargher, Centro de Investigación y de Estudios Avanzados del IPN – Unidad Mérida, MEXICO

The Need for a Rehabilitation of Polluted soils at Industrial communities in Kingdom of Saudi Arabia
Saud S. Al-Oud, King Saud University, SAUDI ARABIA

CAMPUS MAP



College of the Atlantic

105 Eden Street | Bar Harbor, ME 04609
 800-528-0025 | www.coa.edu | inquiry@coa.edu

1. **CERAMICS STUDIO**
2. **BUILDINGS & GROUNDS**
3. **ROUGH ARTS STUDIO**
4. **COMMUNITY GARDEN**
5. **NORTH LAWN**
6. **THOMAS S. GATES, JR. COMMUNITY CENTER**
 Ethel H. Blum Gallery
 McCormick Lecture Hall
 Meeting Hall
7. **GEORGE B. DORR MUSEUM OF NATURAL HISTORY**
 Henry B. and Elizabeth A. "Sunny"
 Guthrie Classroom
8. **COTTAGE HOUSE RESIDENCE**
9. **RECREATIONAL LAWN**
10. **ARTS & SCIENCES BUILDING**
 Amos Eno Greenhouse
 Greene Laboratory of Botany
 Chemistry Lab
 Christensen Laboratory of Zoology
 Drafting & Portrait Studios
 Geographic Information Systems Lab
 Green Media Lab
 Taxidermy Lab
 Writing Center
11. **KAELEBER HALL**
 Beatrice Farrand Gardens
 Neva Goodwin Computer Lab
 Library Seminar Room
 Office of Admission & Financial Aid
 Blair Dining Hall/Take-A-Break (TAB)
 Thorndike Library
12. **COLLEGE PIER**
 MV *Osprey* (Research Vessel)
13. **TURRETS SEASIDE GARDEN**
14. **THE TURRETS**
 Allied Whale
 Business Office
 Development Office
 Lou Rabineau Educational Studies Center
 Father James Gower Seminar Room
 George Putnam Classroom
 Leslie C. Brewer Great Hall
 Office of the President
 Registrar's Office
 Straus Seminar Room
 Summer Programs
15. **BLAIR/TYSON RESIDENCE & COURTYARD**
16. **FACULTY VILLAGE**
17. **PEACH HOUSE RESIDENCE**
18. **DEERING COMMON COMMUNITY CENTER**
 Center for Advanced Study —
 Graduate Program Office
 Health & Counseling Offices
 Leadership Room
 Sea Urchin Café
 Student Lounge
19. **SEAROX HOUSE RESIDENCE**
 Searox Seminar Room
20. **KATHRYN W. DAVIS RESIDENCE VILLAGE**
 Hamill and Eno House
 Eliot Study Space
 Millard and Dority House
 Cushman Media Center
 Shorey and Milliken House
 Robinson Game Room
21. **KATHRYN W. DAVIS CENTER FOR INTERNATIONAL & REGIONAL STUDIES**
 Center for Applied Human Ecology
 Davis Seminar Room
 International Center
 Island Research Center
22. **DAVIS CARRIAGE HOUSE RESIDENCE**
23. **WITCHCLIFF**
 Drury Reading Room
 Witchcliff Classrooms



Ⓟ = PARKING