HUMAN ECOLOGY: CROSSING BOUNDARIES

The Sixth Meeting of the Society for Human Ecology

October 2-4, 1992

Snowbird Ski and Summer Resort
Snowbird, Utah U.S.A.
HUMAN ECOLOGY
CROSSING BOUNDARIES

THE SOCIETY FOR HUMAN ECOLOGY
OCTOBER 2-4, 1992

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Frederick Sargent, 1981-82
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Richard J. Borden, 1986-88
Gerald L. Young, 1988-90
M. Suzanne Sontag, 1990
Pre-conference Activities

Thursday, October 1, 1992
2:00-6:00 p.m. Registration
7:00-9:00 p.m. Reception

Conference Agenda

Friday, October 2, 1992
8:00-4:30 p.m. Registration
8:00-11:00 a.m. Hospitality Suite/
    Book Sales
8:00-9:15 Concurrent Sessions
9:30-10:45 Concurrent Sessions
11:00-12:15 Concurrent Sessions
12:30-1:45 p.m. Free time
2:00-3:15 Concurrent Sessions
3:30-4:45 Plenary I
5:00-6:15 Concurrent Sessions

Saturday, October 3, 1992
8:00-4:30 p.m. Registration
8:00-11:00 a.m. Hospitality Suite/
    Book Sale
8:00-9:15 Concurrent Sessions
9:30-10:45 Concurrent Sessions
11:00-12:15 Poster Presentation
12:30-1:45 p.m. Plenary II -
    Catered Luncheon
2:00-3:15 Concurrent Sessions
3:30-4:45 Concurrent Sessions
5:00-6:15 Concurrent Sessions
7:30-8:30 Reception
8:30 Concert

Sunday, October 4, 1992
8:00-9:15 Concurrent Sessions
9:30-10:45 Plenary III
11:00-12:15 Membership Meeting
12:30-3:45 p.m. Board Meeting
Pre-Conference Activities (for early arrivers)

Thursday, October 1, 1992

2:00-6:00 p.m.  Registration  Level C (top of escalators)
7:00-9:00 p.m.  Reception  Atrium
(Cash Bar)

CONFERENCE AGENDA

Friday, October 2, 1992

8:00-4:30 p.m.  Registration  Level C (top of escalators)
8:00-11:00 a.m.  Hospitality Suite/Suite 217
Book Sale
(Complimentary coffee and tea) Conference Materials and Books
Art Display by C.A. Johnson & Students

8:00-9:15

Paper
"Our Modern Challenge: Exploring the Alternatives through Dialogue and Stewardship"
Melissa Nelson - Winds of the Muse Productions; Context Institute

9:30-10:45  Concurrent Sessions

Sessions/Symposia

Valuation and Ecological Economics I  Golden Cliff
Scott Frey - Kansas State University, Chair

"Environmental Pragmatism and Valuation in Nature"
Andrew Light - University of California at Riverside

"Valuing the Future as it Mattered"
Mike Burnett - Public Power Council

"Estimating the Costs of Global Warming"
Anthony C. Fisher - University of California at Berkeley

"Assessing the Social Impacts of Natural Resource Policies"
Scott Frey - Kansas State University

"Individual Preferences and Social Values"
Paul Stern - National Research Council
Thomas Dietz - George Mason University
Sessions/Symposia

Resource Conservation & Recycling I  
Gregory Guagnano - George Mason University, Chair

Participants:
- Sherri Gahringer - University of Minnesota
- Thomas Halbach - University of Minnesota
- Wanda Olson - University of Minnesota
- Raymond DeYoung - University of Michigan
- Margaret Gainer - Gainer and Associates
- Robert Marans - University of Michigan
- Nancy Markee - University of Nevada - Reno
- Zeina Seikaly - George Mason University
- Joanne Vining - University of Illinois
- Ann Palkovich - George Mason University

Sessions/Symposia

Applying Human Ecology I/Collaboration  
Richard Borden - College of the Atlantic, Chair

"India as 'Workshop' in Processes of Social Change"  
Mary Clark - George Mason University

"Discovery Exchanges for Interdisciplinary Trust and Problem-solving: An Application from the Housing Industry"  
Michael Toole - Massachusetts Institute of Technology

"Computer Assisted Community Planning and Decision-Making"  
John Anderson, Isabel Mancinelli & Kenneth Cline - College of the Atlantic

"Healthy Places/Healthy People: Building Multisectoral Community Partnerships"  
Robert Rogers, Peter Beckett & Franco Mariotti - Laurentian University and Science North

"ECO/ECO: Building a State-wide Business/Environmental Coalition for Maine's Future"  
Melville Cote & Donald Straus - College of the Atlantic
11:00-12:15  Concurrent Sessions

Sessions/Symposia

Valuation and Ecological Economics II  Golden Cliff
Continuation of Valuation and Ecological Economics I

Resource Conservation & Recycling II  Wasatch B
Continuation of Resource Conservation and Recycling I

Applying Human Ecology II  Wasatch A
Continuation of Applying Human Ecology 1

Papers

Environmental Stewardship  White Pine
"Environmental Stewardship: Protection of Non-human Animals"
Ann Frisch - University of Wisconsin, Oshkosh

"Environmental Stewardship: Protecting Earth, Animals, and Human Health Through a Vegetarian Diet"
Stirling Johnson - University of Wisconsin, Madison

12:30-1:45 p.m.  Free time

2:00-3:15  Concurrent Sessions

Sessions/Symposia

Theoretical Advances in Human Ecology  Wasatch A
Lee Freese - Washington State University, Chair

"Crossing Species Boundaries: Comparing Basic Properties of Human and Nonhuman Societies"
Richard Machalek - University of Wyoming

"Ecological Niches and Family Trees: The Human Community in Evolutionary Perspective"
A. R. Maryanski - University of California

"A Range of Perspectives on Ecological Holism"
Gerald Young - Washington State University

"Sociology as an Ecological Science"
William Catton - Washington State University
Sessions/Symposia

**Designed Environment**
Wolfgang Preiser - University of Cincinnati, Chair

"Implications of Post-Occupancy Evaluation Studies for Environmental Change"
Wolfgang Preiser - University of Cincinnati

"Transactional Ecology of Home and Family Life: Social, Historical, & Physical Aspects"
Barbara Brown - University of Utah

"Culture-Environment Studies vs Architectural Education: Replacing the Everyday"
David Saile - University of Cincinnati

"Translating Psychological Principles into Social Action: A Challenge for Environmental Psychologists"
Carol Werner - University of Utah

Workshop

**Ecology of Urban Areas**
Mark McDonnell - New York Botanical Garden Institute for Ecosystem Studies, Chair

Roundtable

**Innovative Approaches in Human Ecology Education**
Eva Ekehorn - Gothenburg University, Chair

3:30-4:45  **Plenary I**  Cliff Ballroom I

"Ecology and Human Ecology"
Peter J. Richerson - University of California at Davis

5:00-6:15  **Concurrent Session**

Roundtable

**Theoretical Issues**
Helmut Knotig - International Organization For Human Ecology, Chair

Workshop

**Biophysical Bases of Ecological Economics**
Mike Burnett - Public Power Council, Chair

Invited Lecture

"Human Spatial Behavior and the Designed Environment"
Wolfgang Preiser - University of Cincinnati

Paper

"Transdiciplinary Potentials of Human Ecology in American Higher Education"
Robert Griffore - Michigan State University
Lillian Phenice - Michigan State University
Saturday, October 3, 1992

8:00-4:30 p.m.  Registration___________________Level C (top of escalators)

8:00-11:00 a.m.  Hospitality Suite/Suite 217
                     Book Sale
                     (Complimentary coffee and tea)/Conference Materials and Books
                     Art Display by C.A. Johnson & Students

8:00-9:15

Panel

If Interdisciplinary Interaction is such a ____________________Wasatch B
Great Concept, Why Isn't There More of It?

Joanne Vining - University of Illinois at Urbana-Champaign and
Jonathan Taylor - U.S. Fish and Wildlife Service, Chairs

Participants:
Eva Ekehorn - Gothenburg University
David Fulton - Colorado State University
Paul Stern - U.S. National Research Council
Gerald Young - Washington State University
Tom Dietz - George Mason University

9:30-10:45  Concurrent Sessions

Papers

Human Ecology of South Asia __________________________Wasatch B
Eva Ekehorn - Gothenburg University, Chair

"Ecological Economics for Humans: The Anomaly of Kerala in India"
   William Alexander - Earthwatch Expeditions

"Demographic Processes in Bangladesh: Its Effects on Food and Agriculture"
   Md. Alauddin and Mahmud khaled Md. - Vrije University, Brussels

"The Bhagavad Gita on Conservation of Nature"
   Kamal Kumar Dua - Deemed University

"Protected Areas as Commons and India's Sundarbans National Park"
   Amy Townsend - University of Maryland

"Sustainability in Indian Rural Housing"
   Bernhard Glaeser - Wissenschaftszentrum Berlin
Panel

**Evolutionary Theory**
Paul McLaughlin - Bowdoin College, Chair

Papers:
"Obstacles to the Second Darwinian Revolution"
Paul McLaughlin - Bowdoin College, Chair
"Dilemmas in the Theory of Cultural Evolution"
Ann Palkovich - George Mason University
"Evolution or Development: How Can You Tell?"
Lee Freese - Washington State University
"The Evolutionary Foundations of Language"
A. Maryanski - University of California, Riverside

Discussion:
Tom Dietz - George Mason University
Peter Richerson, University of California at Davis

Panel

**Critical Theory and Human Ecology**
Creating a Politics of Environmental Survival and Human Dignity
Robert Brulle - George Washington University, Chair

Participants:
"The Ethics of Cultural Contact and Identity"
David Rothenberg - New Jersey Institute of Technology
"Greening Risk Assessment: Toward an Integration of Science and Participation"
Frank Fischer - Rutgers University
"Critical Theory and Public Participation: Evaluating Modes of Public Participation"
Thomas Webler - ETA - Zentrum, Zurich, Switzerland
"Environmentalism & Human Emancipation"
Robert Brulle - George Washington University
"Circulation of the Essentialist Label in Ecofeminist Discourse"
Elizabeth Carlassare - Energy & Resources Group, USC - Berkeley

Workshop

Alan Hodson - School for International Training

Workshop

**Lifestyle Simplification Lab**
Elaine Stover - Institute for Cultural Affairs
R. Lee Hatcher - Sustainable Seattle
11:00-12:15  
**Poster Presentation**

"Reformulating the IPAT Model of Environmental Impact"  
*Tom Dietz - George Mason University*  
*Eugene Rosa - Washington State University*  
*Scott Frey - Kansas State University*  
*Paul Stern - U.S. National Research Council*

"Estimates of the Energy Required to Maintain Social Structures"  
*Thomas Lough - Kent State University*

"Several Dualities, the Many Disciplines of Human Ecology, the Elusive Eco-ether and the Prospects for Unified Theory"  
*Daniel Vasey - Divine Word College*

"African Environmental Education and Instruction Bases"  
*E.D. Mwamula-Lubandi - Uppsala, Sweden*

"The Social Construction of Gender and Aging: Examination of the 'Double Standard of Aging'"  
*Martha Knight - St. Andrews Presbyterian College*

"Fading Boundaries and Emerging Regions: Planning for Publics' and Place's"  
*Donald Briggs - U.S. National Park Service*

"Human Impacts on Pinyon-Juniper Woodlands of the Southwestern United States: Cultural and Historical Perspectives"  
*Alan Johnson - University of New Mexico*

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12:30-1:45 p.m.  
**Plenary II**  
(Golden Cliff)  
(Catered Luncheon)

"Liberating the Liberal Arts: Ecological Literacy in the 20th Century"  
*David Orr - Oberlin College*
2:00-3:15  Concurrent Sessions

Panel Discussion

Integrative Methods for Human Ecological Research  Maybird
Suzanne Sontag - Michigan State University - Chair

Participants:
Margaret Bubolz - Michigan State University
Linda Nelson - Michigan State University
William Abler - Michigan State University
Suzanne Sontag - Michigan State University

Panel

Environmental Attitudes & Values I  Wasatch B
Thomas Dietz - George Mason University, Chair

"Are Environmental Attitudes Relevant?: The Relationship of Environmental Attitudes to Environmental Knowledge, Environmental Behavior and Environmental Policy Opinions Among Residents of the Kentucky River Basin"
Thomas Arcury - University of Kentucky

"Environmentalism in the Protest Generation: A Longitudinal Comparison of Movement Activists"
Jean Blocker - University of Tulsa
Dorren E. Sherkart - Vanderbilt University

"Managing Needs and Resources: Behavioral Strategies in 220 British Households"
Karl Dake - University of California, Berkeley

"Value Orientations, Gender and Environmental Concern"
Thomas Dietz - George Mason University
Paul C. Stern - U.S. National Research Council
Linda Kalof - State University of New York, Plattsburgh

"Measuring Endorsement of an Ecological World View: A Revised New Ecological Paradigm Scale"
Riley Dunlap - Washington State University
Kent D. Van Liere - HBRS
Angela Mertig - Washington State University
William Catton, Washington State University
Robert Howell - Washington State University

"Assessing Multidimensionality in Concern for Environmental Quality"
Pual Mohai - University of Michigan

"Myth or Reality: A Critical Assessment of Common Assumptions of Differences in Levels of Environmental Concern Among Black and White Americans"
Robert E. Jones - Washington State University
Lewis F. Carter - Washington State University
Panel

Ecology of Knowing I Wasatch A
Jeremy Pratt - Institute for Human Ecology, Chair

Participants:
David Rothenberg - New Jersey Institute of Technology
Dieter Steiner - Swiss Federal Institute of Technology
Eugene TeHennepe - Connecticut College
Gerald Young - Washington State University
Donald Straus - College of the Atlantic
Finn Arler - Center for Human Ecology, Århus University , Denmark

Papers

Human Ecology in Humanities Superior A
"Straining the Boundaries of Literature"
Cherryl Burgess - University of Nevada - Reno

"Indexing American Possibilities"
Michael Branch - University of Virginia

Workshop

"Economics as if Energy Matters: Superior B
The Concept of Emergy"
Ben Fusaro - Salisbury State University

3:30 - 4:45 Concurrent Sessions

Panel

Ecology of Knowing II Wasatch A
Continuation of Ecology of Knowing I

Panel

Environmental Attitudes & Values II Wasatch B
Continuation of Environmental Attitudes & Values I
Invited Lecture
"Responses to Environmental Effects of the Aswan High Dam: 1890-1980" Maybird
Robert Hunt - Brandeis University

Workshop
History & Human Ecology Superior B
"Getting the Attention of those who aren't Listening by Filmically Portraying their Future History"
Lester Milbrath - State University of New York at Buffalo
George Besch - Clarence NY

Papers
Human Ecology & Technology Superior A
Eugene Rosa - Washington State University, Chair

"Interdisciplinary Integration Attempts in Transportation Assessment: Lessons for Human Ecology"
Tay Wilson - Laurentian University and Science North, Sudbury, Ontario, Canada

"Rethinking Nuclear Technology: A Feminist Response"
Karin Herrmann - University of Washington

"Prerequisites of Procedural Rationality--Notes on a German Technology Assessment of Transgenic Plants with Herbicide Resistance"
Alfons Bora and Rainer Dobert - Wissenschaftszentrum Berlin

5:00-6:15 Concurrent Sessions

Invited Lecture
"World Wide Perceptions and Opinion toward the Environment: Results from a Gallup International Survey"
Riley Dunlap - Washington State University

Papers
Conceptual Issues Wasatch A
"Managing Ecological Problems through Flexible Specialization?"
Erna Karrer-Ruedi - Swiss Federal Institute of Technology

"Family Ecology: Concepts Crossing Boundaries"
Martha Bristor - Michigan State University

"Ecological Concepts in Anthropological Human Ecology"
William Abruzzi - Pennsylvania State University at Ogontz
Papers

**Environmental Perception**  Wasatch B
"Community Perception of Local Environmental Change: Studies from the Canadian Rockies"
  **Thomas Meredith - McGill University**

"Human Disposition Towards Environmental Hazards"
  **Cynthia Fridgen - Michigan State University**

"Trust in Sources of Information and Risk Perception of Yucca Mountain: Is There a Nexus?"
  **Dennis Soden, Donald Carns and Janet Conary - University of Nevada**

Invited Lecture

"Human Ecology: Lost Grail Found"  Superior B
A critical review of new programs to address human-environment relationships
  **Jeremy Pratt - Institute for Human Ecology**

7:30-8:30  Reception  Golden Cliff

8:30-  Concert  Golden Cliff

"Nobody Could Explain It"
  **David Rothenberg and his jazz/new age duo**
Sunday, October 4, 1992

8:00-9:15 Concurrent Sessions

Meeting
Institute for Human Ecology Board Cliff Boardroom
& Fellows Meeting

Workshop
"New Directions for Research on Environmental Values and Attitudes"

Meeting
Ecosource: Meeting for Collaborators Magpie A

Complimentary hot beverage service Cliff Ballroom Lobby
before and after the Plenary

9:30-10:45 Plenary III Cliff Ballroom I
Selene C. Herculano - Universidade Federal Fluminense
Rio de Janeiro, Brasil

11:00-12:15 Society for Human Ecology Membership Meeting/Closing Session Cliff Ballroom I

12:30-3:45 p.m. Society for Human Ecology Cliff Boardroom Board Meeting