

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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PROGRAM OVERVIEW
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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

Sessions/Symposia

Resource Conservation & Recycling I

Wasatch B

Gregory Guagnano - George Mason University, Chair

Participants:

*Sherri Gahring - 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

Wasatch A

Action: Planning Projects and Case Studies in Applied Human Ecology

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 I

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

Wasatch B

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

Golden Cliff

Mark McDonnell - New York Botanical Garden Institute for Ecosystem Studies, Chair

Roundtable

Innovative Approaches in Human Ecology Education

White Pine

Eva Ekehorn - Gothenberg 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

Cliff Ballroom I

Helmut Knotig - International Organization For Human Ecology, Chair

Workshop

Biophysical Bases of Ecological Economics

White Pine

Mike Burnett - Public Power Council, Chair

Invited Lecture

"Human Spatial Behavior and the Designed Environment"

Wasatch A

Wolfgang Preiser - University of Cincinnati

Paper

"Transdisciplinary Potentials of Human Ecology in American Higher Education"

Wasatch B

*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 - Gothenberg University, Chair

"Ecological Economics for Humans: The Anomaly of Keerala 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

Superior A

*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:

Superior B

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

"Ecosource: A Human Ecology Educational Resource System"

Suite 317

Alan Hodson - School for International Training

Workshop

Lifestyle Simplification Lab

Suite 417

*Elaine Stover - Institute for Cultural Affairs**R. Lee Hatcher - Sustainable Seattle*

11:00-12:15 **Poster Presentation** _____ **Eagles Nest**

"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

Please arrive promptly



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 - HBRIS**Angela Mertig - Washington State University**William Catton, Washington State University**Robert Howell - Washington State University***"Assessing Multidimensionality in Concern for Environmental Quality"***Paul 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"***Cheryll 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 _____ Maybird
Aswan High Dam: 1890-1980"***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 _____ Superior A
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 .

