



# Progress Through Integrative Perspectives



**The Society for Human Ecology**  
Seventh International Conference

April 21-24, 1994

The Kellogg Center for  
Continuing Education  
East Lansing, Michigan  
USA

**MICHIGAN STATE**  
UNIVERSITY

# Program

## Thursday, April 21, 1994

5:00 p.m.- 7:00 p.m.	Registration	Kellogg Center - North End Lobby
7:00 p.m. - 9:00 p.m.	Hospitality - Cash Bar	Reflections Lounge - Lower Level

## Friday, April 22, 1994

8:00-8:30 a.m.	<b>Registration</b> Conference Desk, Main Lobby Continental Breakfast	1:45-3:15	<b>Concurrent Sessions: III</b> Human Ecology and Lifespan Development: Research and Applications Hermeneutics and Human Ecology Managing Complex Ecosystems Experiments in Democracy III Becoming a Vegetarian: Altruism, Environ- mental Concerns and Personal Interests Reflections on "Philosophical Studies of Home Economics in the United States"
8:30-10:00	<b>Concurrent Sessions: I</b> Family and Individual Environment, Social Conflict & Management Ethics and Lifestyle Human Ecology, Education & Outreach Experiments in Democracy I Method in Human Ecology		<b>Concurrent Sessions: IV</b> Human Ecology and Lifespan Development Research and Applications Evolving Theoretical Paradigms for Handling Risk and Uncertainty Theoretical Issues Complexity, Information and Decisions Hospital Based Parent to Parent Social Support: An Ecological Rx for Families Interdisciplinary Interaction
10:15 -11:45	<b>Concurrent Sessions: II</b> Human Ecology of Eastern Europe Family and Community in International & Comparative Perspectives Human Ecology, Environment & Health Education for a Livable Future Experiments in Democracy II Method in Human Ecology	3:30-5:00	<b>Conference Reception</b>
12:00-1:30p.m.	<b>Luncheon - Plenary I</b> - Paul C. Stern, <u>Altering the Course of Anthropogenic Environmental Change</u>	5:30-7:30	

## Saturday, April 23, 1994

8:30-10:00 a.m.	<b>Plenary II</b> Bobbi S. Low <u>The Behavioral Ecology of Conservation: Linking our Evolutionary Past With our Ecological Future</u>		Environmental Values, Attitudes and Resources Part 2 Entropy, Energy and Sustainability New Directions in Human Ecology Education Human Ecological Perspectives of Collaborative International Projects The Life Cycle
10:15-11:45	<b>Concurrent Sessions: V</b> University - Business Partnerships A Critical Science Perspective on the Ecology of Human Development and the Family Environmental Values, Attitudes, and Resources, Part 1 Self, Gender, and Nature Education and Pedagogy Recent Developments International Human Ecology	3:30-5:00	<b>Concurrent Sessions: VII</b> Environmental Values, Attitudes and Resources Part 3 Human Ecology Research into the Anomoloy of Kerala in India Niche, Preferences, & Carrying Capacity New Directions In Human Ecology Education Global Change and the Nation State Family as Environment of Human Development The Promise of Communicative Rationality for Environmental Problems
1:45-3:15	<b>Concurrent Sessions: VI</b> Community Applications of Human Ecological Theory Environmentalism and the New Social Movements		

## Sunday, April 24, 1994

8:30-10:15 a.m.	Society for Human Ecology General Membership Meeting
10:30-5:00 p.m.	Society for Human Ecology Board Meeting

# Program

## Thursday, April 21, 1994

500-700 PM Registration

Kellogg Center-Registration Desk

700-900 PM Hospitality - Cash Bar

Reflections Lounge - Lower Level

## Friday, April 22, 1994

**Poster Session 9:00 AM-5:00 PM**  
**Lincoln Room A & B**

8:30-10:00 AM

**Family and The Individual**  
**Room C-62**

Session #1 - Paper Session

Moderator: Robert P. Boger, Michigan State University

Development of an Ecological Model: Evaluation of a Parent Education Program During the Transition to Parenthood - Shi-Ruei Sherry Fang, Northern Illinois University

Community-Based and Court-Mandated Programs for Divorcing Parents and Dependent Children - Anne Soderman, Edward Barton, and Pat Potter, Michigan State University

An Ecological Approach to Empowerment - Martha W. Bristol, Michigan State University

The Value of Integrated Family Services in Michigan, Paul S. Weikert, Michigan Family Resource Coalition, Spring Lake, Michigan

**Environment, Social Conflict and Management**  
**Room 106**

Session #2 - Paper Session

Moderator: Dennis Keefe, Michigan State University

Purity, Danger and Sacrifice: Three Elements in Social Conflicts Over Risks to Human Health and Environment - Ingar Palmlund, Tufts University

What Motivates Tokyo People to be Environmentally Conscious? - Atsuko Kuribayashi, NLI Research Institute, Tokyo, Japan

Sustainable Development and Property Rights: Results from an ITQ Study in the Mid-Atlantic/ New England Region - Presenter: Erna E. Karrer-Rueedi. Authors: Bonnie McCay, Urs C. Karrer and Carolyn F. Creed, Rutgers University

Price Mechanism and Rule Evolution - Carlo Jaeger, Swiss Federal Institute of Technology, Switzerland

**Ethics and Lifestyle**  
**Room 102**

Session #3 - Paper Session

Moderator: Jean D. Schlater, Michigan State University

Voluntary Simplicity as a Lifestyle Choice - Teris P. Nolen, University of North Carolina, Greensboro

Ethically Guided Coevolution - A Remedy to Cope with the Complexities of Life? - Joachim Schutz, Swiss Federal Institute of Technology, Switzerland

Lifestyle Simplification Lab: A Tool for Participatory Education - Elaine K. Stover, The Institute of Cultural Affairs, Greensboro, North Carolina

**Human Ecology, Education and Outreach**  
**Room 110**

Session #4 - Paper Session

Moderator: Andrea Smith, Western Michigan University

New Tools for Educating Tomorrow's Human Ecologists - Martha Mills, Smith, Williams and Lodge, Chicago, Illinois

International Consulting Roles: Ecological Perspectives - Norma Bobbitt, Michigan State University

KIDS' TEAM: A Case Study of Citizen Involvement - Georgia Stevens and Kathleen Ann Lodl, University of Nebraska-Lincoln

**Experiments in Democracy I**  
**Room 101**

Session #5 - Symposium

Moderator: Thomas Webler, Swiss Federal Institute of Technology, Switzerland

Introductory Remarks: An Overview of Current Problems in Democracy - Thomas Webler, Swiss Federal Institute of Technology, Switzerland

State of the Art in Public Participation - Ortwin Renn, Center for Technology Assessment, Germany

The Architecture of Participation - Lisa Kimball, Metasystems Design Group

The Art of Mediation: Pacifying Instrument or Emancipatory Strategy? - Hans Kastenholz, Center for Technology Assessment, Germany

Discussant Remarks:

Audrey Armor, York University, Canada

Susan Joel, Olivet College

**Method in Human Ecology**  
**Room 107**

Session #6 - Symposium

Coordinator: Jeremy Pratt, Institute for Human Ecology  
Moderator: Gerald Young, Washington State University

Human Dimensions of Global Environmental Change - Paul C. Stern, U.S. National Research Council

Common Property Research Problems - Edella Schlager, University of Arizona

Simple Models of Complex Phenomena - Peter Richerson, University of California, Davis

Alternatives Analysis Processes for Large-Scale Water Supply Programs - Jeremy Pratt, Institute for Human Ecology, Booker Holton, WESCO, Inc., and David Blau, EDAW, Inc.

This symposium will be continued in the next session.

**10:15-11:45 AM**

**Human Ecology of Eastern Europe**  
**C-62**

Session #8 - Paper Session

Moderator: William Alexander, Earthwatch Expeditions

Slovenia: Progress Through Sustainable Development? - Dusan Plut, University of Ljubljana, Slovenia

The Fate of the Green Movement in Eastern Europe - Valery Cholakov, University of Illinois, Urbana

Russian Environmentalism: Conditions and Prospects - Ernest Partridge, Northland College

**Family and Community in International and Comparative Perspectives**  
**Room 106**

Session #9 - Paper Session

Moderator: Linda Nelson, Michigan State University

Environmental Learning Processes of Street Children in the Philippines - Sue Liza C. Saguit, Michigan State University

Integrating Field Studies, Non-Traditional Case Studies and Applied Research: An Action Oriented Educational Strategy for Human Ecology - Paul B. Robertson, School for Field Studies, Australia

State Policies, Natural Resources and Community Participation in Rural Mexico - Federico Dickinson Bannack, Maria T. Castillo, Dolores Viga, and Angel Lendeche, Centro de Investigacion y de Estudios Avanzados-Unidad Merida, Mexico

**Human Ecology, Environment, and Health**  
**Room 102**

Session #10 - Paper Session

Moderator: Nancy Markee, University of Nevada

Environmental Protection Strategies in the Drug Industry: An Integrative Perspective - Erna Karrer-Rueedi, Rutgers University

Some Contributions of Human Ecology to the Understanding of the Drug Problem - Felix Tretter, Bezirkskrankenhaus, Haar/Munich, Germany

**Education for a Livable Future**  
**Room 110**

Session #11 - Symposium

Moderator: Philippe Lefevre-Witier, Centre de Recherches Sur Le Polymorphisme Genetique Des Populations Humaines - Centre National De La Recherche Scientifique, France

Environmental Education After Rio: A UNESCO Vision - Viktor Kolybine, UNESCO, Paris

Human Ecology: Perspectives for Sustainable Development Through Education - Charles Susanne and Luc Hens, Vrije Universiteit Brussel

Integrating Human Ecology and Environmental Education - Philippe Lefevre-Witier, Centre de Recherches Sur Le Polymorphisme Genetique Des Populations Humaines - Centre National De La Recherche Scientifique, France

From Rio to Michigan: An Analysis of Recent Developments on Environmental Education and Human Ecology in the Developing World - Walter Leal-Filho, University of Bradford

Attitudes Behind Good Learning and Teaching - Zena Daysh, Commonwealth Human Ecology Council

**Experiments in Democracy II**  
**Room 101**

Session #12 - Symposium

Moderator: Donald Straus, College of the Atlantic

Contradictory Approaches to Public Participation: Learning from the USEPA Superfund Experience - Marilyn Aronoff, Michigan State University, Susan Joel, Olivet College, and Valerie Gunter, University of New Orleans

Cooperative Approaches to Facility Siting: Lessons Learned from Experience - Audrey Armor, York University, Canada

Toward a Morality of Public Decision Making - Thomas Weblar, Swiss Federal Institute of Technology, Switzerland

Discussant Remarks:

Hans Kastenzholz, Center For Technology Assessment, Germany

Ortwin Renn, Center for Technology Assessment, Germany

Lisa Kimball, Metasystems Design Group

**Method in Human Ecology**  
**Room 107**

Session #13 - Symposium - continued

Moderator: Gerald Young, Washington State University

**12:00-1:30 PM**

**Big 10 Room B**

Session #14 - Lunch and Plenary I

Altering the Course of Anthropogenic Environmental Change  
- Paul C. Stern, U.S. National Research Council

**1:45-3:15 PM**

**Human Ecology and Lifespan Development: Research and Applications**  
**Room 107**

Session #15 - Symposium

Moderators: Scott Wright, University of Utah and Robert J. Griffore, Michigan State University

Developmental Contextualism and Applied Developmental Science: Towards a Change-Oriented Science of Diversity and Context - Richard M. Lerner, Michigan State University

Contextual Self and Ecological Self - Robert J. Griffore, Michigan State University

An Ecological/Systems Model of Later Adulthood Based on ATP Regulation in the Muscle/Skeletal System - Larry Schiamberg, Michigan State University

Life-Span Research-Outreach Methodology: The Problem Space - Alexander VonEye, Michigan State University

Gerontecology: Implications of an Aging Society, Implications for Aging Individuals - Scott Wright, University of Utah

This symposium will be continued in the next session.

**Hermeneutics and Human Ecology**  
**Room 106**

Session #16 - Special Seminar

Moderator: Robert J. Brulle, U.S. Coast Guard

Presenter: Stanford Lyman, Florida Atlantic University

Discussants: Paul McLaughlin, Rutgers University, Timothy W. Luke, Virginia Polytechnic Institute and State University

**Managing Complex Ecosystems**  
**Room 110**

Session #18 - Paper Session

Moderator: Jonathan Taylor, U.S. Fish and Wildlife Service

Recreation Ecology: An Emerging Perspective - Deborah J. Overton, Bureau of Reclamation and Jonathan G. Taylor, U.S. Fish and Wildlife Service, Fort Collins, Colorado

Participatory Management of Lake Victoria Fisheries - Craig K. Harris, David S. Wiley, and Douglas C. Wilson, Michigan State University

Human Dimensions of Ecosystem Management: A USDA Forest Service Perspective - Deborah S. Carr, USDA Forest Service, East Lansing, Michigan

University Outreach: Integrative Planning On Beaver Island - Cynthia Fridgen, Michigan State University

**Experiments in Democracy III**  
**Room 101**

Session #19 - Symposium

Moderator: Ortwin Renn, Center for Technology Assessment

Discussant Remarks: Learning from Past Research into New Democratic Instruments

Discussion and Learning

**Becoming a Vegetarian: Altruism, Environmental Concerns and Personal Interests**  
**Room C-62**

Session #20 - Roundtable

Moderators: Ann Stirling Frisch, University of Wisconsin-Oshkosh and Thomas Dietz, George Mason University

**Reflections on "Philosophical Studies of Home Economics in the United States"**  
**Room 102**

Session #21 - Panel Discussion

Moderator: Dorothy Mitstifer, Michigan Home Economics Association; Kappa Omicron Nu

Panelists:

Historical Perspective of Human Ecology - Richard Borden, College of the Atlantic

Evolution of Home Economics as Human Ecology - Retia Walker, University of Maryland, Eastern Shore

Current Status of Home Economics/Human Ecology: Conclusion, Recommendations and Direction for the Profession - Sister Ann Kilsdonk, Mercy College

**3:30-5:00 PM**

**Human Ecology and Lifespan Development: Research and Applications**  
**Room 107**

Session #22 - Symposium - continued

**Evolving Theoretical Paradigms for Handling Risk and Uncertainty**  
**Room 106**

Session #23 - Symposium

Moderator: Thomas Dietz, George Mason University

Presentation 1: A History of Rational Actor Paradigm (RAP): Successes and Failures - Carlo Jaeger, EAWAG, Switzerland

Presentation 2: Paradigms Shifting: The Case for Critical Theory - Thomas Webler, Swiss Federal Institute of Technology

Remarks: Paul C. Stern, U.S. National Research Council  
Remarks: Daniel Jackson, Denison University

**Theoretical Issues**  
**Room 102**

Session #24 - Paper Session

Moderator: Melville Cote, College of the Atlantic

A Concept of General Human Ecology - Dieter Steiner, Swiss Federal Institute of Technology, Switzerland

Human Ecology, Ecosystem "Science", and Conservation Biology: When Does Holism Become Mysticism? - John G.T. Anderson, College of the Atlantic

Environmental Justice in the 20th Century - Thomas C. Hood, University of Tennessee

Consequences for the Conceptual Framework from the Statement "*Even Human Ecology Cannot Be a Superscience*" - Helmut Knoetig, Technische Universität Wien, Austria

**Complexity, Information and Decisions**  
**Room 110**

Session #25 - Paper Session

Moderator: Cynthia Fridgen, Michigan State University

Guiding Decision Makers: The Active Symbol Cognitive Map as a Tool for Understanding Education and Learning about Complex Topics - Diane E. Austin, Ann Arbor, Michigan

Developments in Net Energy Analysis of Industrial Organizations - Thomas S. Lough, Kent State University

An Ethno Ecological Approach to Problems of Native Title: A Case Study of the "Mabo" Decision in Australia - David Wigston, University of Florida

Learning About Systems Change from an Evaluation of 28 Rural Development Projects - Mary Andrews and Nichol Ashcraft, Michigan State University

**Hospital Based Parent to Parent Social Support: An Ecological Rx for Families**  
**Room 101**

Session #26 - Symposium

Moderator: Robert P. Boger, Michigan State University

Parent to Parent Social Support: A Transactional Model for Change - Robert P. Boger, Michigan State University

A Community Based Model for Parent to Parent Social Support - Andrea B. Smith, Western Michigan University

Growth and Development of the Beaumont Positive Parenting Program: 14 Years of Success - Beth Frydlewicz, William Beaumont Hospital

Discussant: Chloe O'Gara, Director, Expanded Promotion of Breastfeeding Program (EPB), WELLSTART International

**Interdisciplinary Interaction**  
**Room C-62**

Session #27 - Panel Discussion

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

William Catton, Washington State University

Bernhard Glaeser, Wissenschaftszentrum für Sozialforschung, Germany

Jeremy Pratt, Institute for Human Ecology

Francille Firebaugh, Cornell University

**5:30-7:30 PM**  
**Red Cedar Rooms A&B**

Session #28 - **Conference Reception and Human Ecology Alumni Gathering**

Remarks and Introductions - Administrative Sponsors

Musical Performance: Original musical work to be premiered for the conference. The Value of Arts in Expressing Issues in Human Ecology - John Cooper, College of the Atlantic

**Saturday, April 23, 1994**

**8:30-10:00 AM**  
**Lincoln Rooms A&B**

Session #29 - Plenary II

**The Behavioral Ecology of Conservation: Linking Our Evolutional Past with Our Ecological Future** - Bobbi S. Low, University of Michigan

