

Society for Human Ecology

20<sup>th</sup> Anniversary Conference  
of  
The Society for Human Ecology

***HUMAN-ENVIRONMENT INTERACTIONS:  
RESEARCH AND PRACTICE***

October 13-16, 2005  
Salt Lake City, Utah

***Marriott University Park Hotel***



ROSS C. "ROCKY" ANDERSON  
MAYOR



# SALT LAKE CITY CORPORATION

OFFICE OF THE MAYOR

October 2005

Greetings!

As Mayor of Salt Lake City, and on behalf of our residents, I am pleased to welcome the 20<sup>th</sup> Anniversary Conference of the Society for Human Ecology. We are delighted you have chosen to host your annual conference in our beautiful city.

Salt Lake City is a progressive and enjoyable community - a city that is extremely diverse culturally, ethnically, racially and politically. It is a cosmopolitan city with a variety of convention facilities, first-class accommodations, and abundant entertainment and recreational opportunities. We invite you to take time out of your busy schedule to enjoy several of our many fine restaurants, as well as historic, cultural and artistic attractions.

From the beauty of our mountains to the friendliness of our people, we are confident you will have an enjoyable and memorable visit. Best wishes for an enjoyable conference.

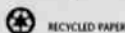
Sincerely,

Ross C. Anderson  
Mayor

451 SOUTH STATE STREET, ROOM 306, SALT LAKE CITY, UTAH 84111

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[www.slcgov.com](http://www.slcgov.com)



RECYCLED PAPER

# Acknowledgment of Support

The Society for Human Ecology is deeply indebted to the following academic units, agencies, organizations for their contributions to the 20<sup>th</sup> Anniversary Conference.



## The University of Utah

Environmental Studies Program (Natasha McVaugh Seegert)

American West Center (Dan McCool)

Gerontology Program

Wallace Stegner Center – College of Law (Robert Keiter)

Utah Museum of Natural History (Patty Carpenter)

Utah Museum of Fine Arts (Jenny Woods)

Red Butte Garden (Mandy Self)

Tanner Humanities Center

College of the Humanities – Environmental Humanities Program (Robert Newman & Mark Bergstrom)

College of Social and Behavioral Sciences (Steven Ott)

College of Architecture + Planning (Brenda Scheer)

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## Utah State University

Ecology Center (James MacMahon, Director)

Utah Cooperative Extension Service – (Jack M. Payne, V.P. for University Extension)

College of Natural Resources - (Chris Luecke, Interim Dean)

College of Humanities, Arts, and Social Sciences (Gary Kiger, Dean)

Department of Environment and Society (Terry Sharik, Head)

Department of Aquatic, Watershed, & Earth Resources (Chris Luecke, Head)

Department of Sociology, Social Work, and Anthropology (Richard Krannich, Head)

Department of Economics (Chris Fawson, Head)

Western Rural Development Center (John Allen, Director)

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## College of the Atlantic – Bar Harbor, Maine

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## College of Human Ecology

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*A special thanks to our volunteer student staff support !*


# CONFERENCE PROGRAM

{dates and times of some sessions may change}

20<sup>th</sup> Anniversary Conference - Society for Human Ecology  
 October 13-16, 2005 - Marriott University Park Hotel  
 Salt Lake City, Utah - USA



## Thursday Afternoon - October 13

12:00 PM - 6:00 PM	Registration (Opens at 12:00 - noon) - <i>Hotel Lobby</i>
4:00 PM - 6:00 PM 6:00 PM >	Reception – <i>Conference Atrium &amp; Covered Patio (weather permitting)</i>  Welcome - and Official Opening of the Conference Eva Ekehorn, President – Richard Borden, Executive Director - Scott Wright, Conference Chair {please convene in Ballroom I by 5:50 pm}
<b>Ballroom I</b> 6:00 PM – 7:00 PM	<p>Welcoming Events and Keynote Address – <b>Ballroom I</b>                      Speaker: Ross “Rocky” C. Anderson – Mayor of Salt Lake City                      Title: <b>“Salt Lake City Green”</b>                      {Introduction : Terry Sharik – Department of Environment and Society – Utah State University}</p>  <p>The Opening Keynote Address and Reception is generously sponsored by:  <i>the following Administrative Units that are located at                      Utah State University - Logan, Utah</i></p> <p>Ecology Center (James MacMahon, Director) – U.S.U.                      University Extension Service – (Jack M. Payne, V.P. for University Extension)                      College of Natural Resources - (Chris Luecke, Interim Dean)                      College of Humanities, Arts, and Social Sciences (Gary Kiger, Dean)                      Department of Environment and Society (Terry Sharik, Head)                      Department of Aquatic, Watershed, &amp; Earth Resources (Chris Luecke, Head)                      Department of Sociology, Social Work, and Anthropology (Richard Krannich, Head)                      Department of Economics (Chris Fawson, Head)                      Western Rural Development Center (John Allen, Director)                      Department of Landscape Architecture and Environmental Planning (Elizabeth Brabec, Head)</p>
7:00 PM >	Dinner Groups (on your own)



Friday morning –

October 14



<p>8:30AM - 10:00AM</p> <p><b>Ballroom II &amp; III &gt;</b></p>	<p><b>Concurrent Sessions: Symposia, Roundtables, Contributed Papers</b></p> <p><b>1. Symposium - Conservation Psychology/Conservation Biology I</b></p> <p><b>Gene Myers – Chair</b></p> <p><i>Understanding Giant Panda Behavior and Applying it to Conservation Education: From Recognizing to Knowing Giant Pandas</i> Sarah Bexell, R. J. Snyder, L. Luo, and E. Sandhaus - Georgia State University; Zoo Atlanta – Georgia</p> <p><i>Conservation Psychology and Solitary Dolphins in the Wild - Managing Human Behavior in Human-Dolphin Interactions</i> Anne Alden - U of California – Davis</p> <p><i>Pet Attachment and Pro-environmental Attitudes</i> Joanne Vining – University of Illinois - Urbana Champaign</p> <p><i>Animal Attractions in Ecotourism</i> Lynette A. Hart, Dale F. Lott, Michael C. McCoy - University of California – Davis <b>Continues into next session &gt;&gt;</b></p>
<p><b>Connor &gt;&gt;</b></p> <p>8:30 AM – 10:00 AM</p>	<p><b>2. Symposium - Education I: A Critical Analysis of Human Ecology - Researching, Teaching and Interacting</b></p> <p><i>A Critical Analysis of Human Ecology - as taught at the Australian National University</i> David Dumaresq - Australian National University – Canberra Rob Dyball, David Carpenter - Australian National University Jacqueline Russell - Australian National University</p>
<p><b>Ft. Douglas &gt;</b></p>	<p><b>3. Symposium - Interdisciplinary Approach to Sustainability</b></p> <p>Panel Members: <b>Howard Ingle (Chair)</b> Karen Gunn, Jason Berry - Salt Lake Community College; Salt Lake Community College; University of Utah</p>
<p><b>Theatre &gt;&gt;</b></p>	<p><b>4. Paper Session – Legal Issues, Policy and Management I</b></p> <p><b>Joseph Flood – Chair</b></p> <p><i>The Hackensack Meadowlands: An Account of Changing Land, Changing Perception, Changing Policies</i> Tamara Shapiro - Utah State University</p> <p><i>The Integration of Local Knowledge in Elk Management in Western Wyoming: A Policy Analysis</i> Elizabeth Deliso - Yale School of Forestry and Environmental Studies</p> <p><i>Fire, Forests, and Law on the Public Lands</i> Robert B. Keiter - University of Utah</p> <p><i>The Quest for Trophy Animals in Contemporary Society: Perspectives of Montana Resident and Nonresident Hunters</i> Stephen L. Eliason - Montana State University-Billings</p>

**Willow >>**  
(4<sup>th</sup> floor)

## 5. Paper Session - Attitudes, Behavior and Lifestyle I

**Eva Ekehorn - Chair**

*Environmental Lifestyles with Eco-communication*  
Atsuko Kuribayashi - NLI Research Institute, Japan

*Mediterranean Island Village Ecology: Interaction of traditional Settlements and the Environment in Crete and Santorini*

Carla Chifos - University of Cincinnati

*Recycling and Canvas Bags: Can Charging People Increase Recycling?*  
Marte Fallshore, Doug Hall - Central Washington University

*Public Participation in the Allain Duhangan Environmental Impact Assessment: How Communication Practices Can Exclude Citizen Involvement*  
Terri Martin - University of Utah

**Continues into afternoon session >>>>**



**Aspen >>**  
(5<sup>th</sup> floor)

## 6. Paper Session - Decision Making and Planning

**Lucius Willis - Chair**

*Understanding the Effects of Multi-purpose Communal Microdams on Productivity and Health in Africa. A study of the Biocomplexity*

Erica Hackenitz - ZonMw (MHRC), The Netherlands

*Environmental Activism in Response to Hydroelectric Decision-Making in Southwest China*  
Amy Zader - College of the Atlantic

*Developing Impact Assessment Preparedness: Community Engagement for Adaptive Decision-Making*  
Thomas Meredith - McGill University

*Rhetoric of Environmental Integrity: The Multi-sides Debate of the Hydraulic Projects in Southwestern China*  
Xinkai Huang - University of Utah

10:00AM-  
10:30AM

*Coffee/Beverage Break – Atrium*

**Ballroom II  
& III >**

**10:30AM -  
12:00 PM**

**Concurrent Sessions: Symposia, Roundtables, Contributed Papers**  
**1. Symposium cont. - Conservation Psychology/Conservation Biology II**

*Social and Moral Judgments about Pesticides and the Natural Environment:  
A Developmental Study with Farm Worker Children*  
Rachel Severson, Peter H. Kahn, Jr. - University of Washington

*Cultural Awareness in Conservation Efforts: Prosperity in Greek Tourism vs. Survival of the  
Loggerhead Sea Turtle*  
Jennifer Bergman - Western Washington University

*Applying a Psychometric Instrument to Explore the Range of Environmental Ethical Beliefs held  
by Zoo Visitors*  
Carol D. Saunders, Ron Meyers, John Fraser - Chicago Zoological Society;  
University of Chicago - Wildlife Conservation Society

*A Moral Functioning Perspective on Biocentric Values*  
Gene Myers - Western Washington University

**Continues into afternoon session >>>**



**Connor >>**

**2. Symposium - Humans and Other Animals**

**Linda Kalof - Chair**

*Sex and the Singular Species: (En)Gendering Dialectics of the Human/Animal Dyad*  
Ralph Acampora - Hofstra University

*Refrigerator Magnets to TV News: Cultural Messages about Animals*  
Julia Corbett - University of Utah

*Adding Animals to the Study of Inequalities: Implications for Understanding the Community  
Effects of Slaughterhouses*  
Amy Fitzgerald, Linda Kalof - Michigan State University

*She's not "like a child" to Me: Women's Definitions of Companion Dogs*  
V. Aileen Hall - Ohio University

*Meat and Murder: the Oppression of Women and Animals in Latin America*  
David Nibert - Wittenberg University - Ohio

**Note: Presentations and discussion continue in the Pine Room at 1:15 pm >>>>**  
**(see # 7 session @ 1:15 pm)**

**10:30AM -  
12:00 PM**

Theatre >>

**3. Paper Session – Legal Issues, Policy and Management II**

*Culture Clash Revisited? A Comparison of Permanent and Seasonal Residents' Views About Public Lands Management in Amenity-Rich Southern Utah*  
Richard S. Krannich, Tracy Williams, Donald R. Field, A.E. Luloff - Utah State University; Utah State University, University of Wisconsin; Pennsylvania State University

10:30AM -  
12:00 PM

*The Onus of Ousting Owls: Resolving Conflicting Mandates for the Protection and Management of the Barred Owl and Northern Spotted Owl in the Pacific Northwest*  
Rebecca Purdom - Green Mountain College

*Justifying Radical Environmental Activism with Justice and Natural Law*  
Damon M. Hall - University of Utah

*GIS Modeling of Shipstrike and Mitigation Strategies Near New England Lanes*  
Christie Mahaffey - College of the Atlantic

Willow >>  
(4<sup>th</sup> floor)

**4. Paper Session - Attitudes, Behavior and Lifestyle II**  
**Marte Fallshore – Chair**

*How the Environment Affects the Health of Older Adults and How Older Adults May Affect the Health of the Environment*

Kathy Sykes, Patricia Bradley - EPA Senior Advisor, Aging Initiative - Office of Children's Health Protection / US EPA/ORD/MAIA Environmental Science Center, Ft. Meade, MD.

*Meta-Analysis of Experiments Promoting Responsible Environmental Behavior*  
Richard Osbaldiston, Christopher Grundy, Charity Nicole Dugas - Southwestern University - Texas

*Public Values, Objectives, Beliefs, and Attitudes towards Forestry: An Exploration of Practical Significance in Human Ecology*  
Lori B. Shelby - Colorado State University

*Correlates of Environmentally Responsible Behavior*  
Jeffrey L. Perrin - University of New Hampshire



Ft. Douglas >

**5. Paper Session - Design, Development and the Landscape**  
**Colette Palamar - Chair**

10:30AM -  
12:00 PM

*Cars, Class & Capital: A Literature Review of "Urban Sprawl" in the United States*  
Jessica Durfee - University of Utah

*Landscaping Preference in a Desert City, Implications for Water Use*  
Elizabeth Farley Metzger - Arizona State University

*Water Resources and Economic Development: A Content Analysis of Western Development Coverage in Newspapers in China*  
Zhen Sun - University of Utah

*Creating Wild Places on Domesticated Landscapes: Applying the Wilderness Concept to Africa, Asia and Latin America*  
Christopher Conte - Utah State University

Aspen >>  
(5<sup>th</sup> floor)

**6. Paper Session - Environmental Monitoring & Collaborative Planning**

*Creating a Virtual Forest: The Black Rock Environmental Monitoring Project*  
Nicole A. Buzzetto-More - University of Maryland Eastern Shore

10:30AM -  
12:00 PM

*Using Internet-based GIS to Support Volunteer Environmental Monitoring*  
Martin J. Bunch, Grant Sheng, Daniella Molnar York University, Toronto, ON - Canada

*Scientific and Family Narratives of Prairie, Pine Barrens and Oak Savannas: Complementary Perspectives of Change in Biological and Human Ecologies*  
Damian Vraniak - Prairie FEASST, Inc. - Springbrook, Wisconsin

*Muddy Creek Coordinated Resource Management Project, Carbon County, Wyoming*  
Jim Thompson, Robert Reynolds, Jr. - University of Hawaii and USGS



BALLROOM  
I

12:00 PM -  
1:15 PM

**Friday Noon - October 14**  
*(Please arrive promptly !)*

Catered Lunch and Keynote Address –

**Marc Bekoff –**

***This Land Is Their Land: The Human Ecology of Minding  
Animals And Redecorating Nature***

{Introduction: Linda Kalof – Michigan State University –  
Editor – *Human Ecology Review*

***Ballroom I – Please arrive promptly!***



***Please visit the King's English Bookstore book table -***

## Friday Afternoon - October 14

**Ballroom II  
& III >**

1:15 PM -  
2:45 PM

### Concurrent Sessions: Symposia, Roundtables, Contributed Papers

#### 1. Symposium cont. - Conservation Psychology/Conservation Biology III

*Using Biological and Psychological Information to Help Home Gardeners Care for their Land*  
Susan Clayton - College of Wooster

*Psychology in the Conservation Curriculum -*  
Britain A. Scott, Sue M. Koger - University of St. Thomas, Willamette University - Oregon

*Boats Against the Current: The Role of Prior Perception in Conservation and Restoration Ecology*  
John Anderson - College of the Atlantic

*Toward Sustainability Consciousness: A Critique of Sustainable Behavior Models of Human Functioning*  
Almut Beringer - LaTrobe University, Australia & University of PEI, Canada

*Reflections on Conservation Psychology*  
Richard Borden - College of the Atlantic

#### 2. Symposium - Environmental Tipping Points

**Gerald Marten - Chair**

*What are Environmental Tipping Points?*  
Gerald Marten - East West Center, Honolulu, HI

*What Have We Learned About Environmental Tipping Points?*  
Steve Brooks - Austin, Texas.

*Envision Utah as an Environmental Tipping Point*  
Ted Knowlton - Envision Utah



**Connor >>**

1:15 PM -  
2:45 PM

**Theatre >>>**

1:15 PM -  
2:45 PM

#### 3. Symposium - Perspectives on Integrating Bio-Physical and Social Sciences for Sustaining Natural and Human Systems

Panel Chair: **Terry Sharik** - Head, Department of Environment and Society -  
Utah State University

Panelists: (all affiliated with Utah State University, Logan, Utah)

James MacMahon, Department of Biology and Ecology Center

Layne Coppock, Department of Environment and Society

Jack Schmidt, Department of Aquatic, Watershed, and Earth Resources

Rick Krannich, Department of Sociology, Social Work, and Anthropology  
(SSWA)

John Allen, Western Rural Development Center and Department of SSWA

Arthur Caplan, Department of Economics

Continues into next session with Roundtable >>>>

Ft. Douglas >

#### 4. Symposium - Use of GIS for Health and Social Service Planning in Local Organizational Networks

**Barbara Hirshorn - Chair**

1:15 PM -  
2:45 PM

*Use of GIS to Analyze Older Las Vegans and Their Community Context: Service Planning and Provision in an Intermountain Boom Town*  
Barbara Hirshorn, Srinivas S. Pulugurtha, John E. Stewart - University of Nevada - Las Vegas; University of South Carolina

*Using GIS to Plan Elder Friendly Communities*  
Kathryn Lawler - Atlanta Regional Commission - Georgia

*Responding to Economic and Demographic Downsizing: Mapping Applications for Elderly Services Planning in Broome County, New York*  
Lucius Willis - Binghamton University - New York

*Using Geographic Information Systems to Identify and Characterize Populations at Increased Risk for Burn Injuries*  
Linda Edleman - University of Utah

Willow>>  
(4<sup>th</sup> floor)

#### 5. Paper Session: Philosophy I

**John Visvader -Chair**

*Social and Moral Relationships with Robotic Pets?*  
Peter H. Kahn, Jr. , Rachel L. Severson - University of Washington

*The Ecology of Value: How the Additive Principle of Intrinsic Value can Help Solve Practical Problems of Public Policy - A Case Concerning Funding Recoveries of Endangered Species*  
Roger Gilman - Northeastern Illinois University - Chicago


1:15 PM -  
2:45 PM

*In Horror, through Silence to Power: Righting Environmental Wrongs*  
Colette Palamar - Antioch College - Ohio

*Nature Isn't: Toward a Queer Theory of Environment/Human Relationships*  
Julie Kalil Schutten - University of Utah

Continues into next session >>>



<p><b>Aspen &gt;&gt;</b> (5<sup>th</sup> floor)</p> <p>1:15 PM - 2:45 PM</p>	<p><b>6. Paper Session: Sustainability I</b></p> <p><b>Carla Chifos – Chair</b></p> <p><i>Specific Local Requirements in the Assessment of Sustainability in Modern Food Production According to the Results of the UN-Millennium Ecosystem Assessment</i> Alexander G. Haslberger , Sabine Gressler - University of Vienna – Austria / Austrian Scientists for Environmental Protection</p> <p><i>Risk-sensitiveness in a Brazilian Shrimp Fishery Community: An Ecological Approach</i> P. F. M. Maccord, A. Begossi - Universidade Estadual de Campinas, Brazil</p> <p><i>Human Ecology and Societal Sustainability – Bridging Theories of Evolution and Society</i> Wolfgang Serbser – Brandenburg University of Technology Cottbus – Germany</p> <p><i>The Relationships of Power and the Tourist Product: Case Northwest of Chihuahua</i> Tomas J. Cuevas Contreras – University Autonomous of Ciudad Jaurez Continues into next session &gt;&gt;</p>
<p><b>Pine &gt;&gt;</b></p> <p>2:45 PM - 3:00 PM</p>	<p><b>7. Symposium - Humans and Other Animals (continued from morning session)</b></p> <p><i>Coffee/ Beverage Break – Atrium</i></p>
<p>3:00 PM - 4:30 PM</p> <p><b>Ballroom II &amp; III &gt;</b></p> <p><b>Theatre &gt;&gt;</b> 3:00 PM - 4:30 PM</p> <p><b>Connor &gt;&gt;</b></p>	<p><b>Concurrent Sessions: Symposia, Roundtables, Contributed Papers</b></p> <p><b>1. Symposium - Conservation Psychology/Conservation Biology IV Roundtable Discussion</b> John Anderson – College of the Atlantic Marc Bekoff – University of Colorado Rich Borden – College of the Atlantic Susan Clayton – College of Wooster Mike Mascia – World Wildlife Fund Gene Myers – Western Washington University Carol Saunders – Brookfield Zoo</p> <p><b>2. Roundtable - Perspectives on Integrating Bio-Physical and Social Sciences for Sustaining Natural and Human Systems</b></p> <p><b>Terry Sharik – Chair</b> <i>Utah State University – Panel Group</i></p>  <p><b>3. Paper Session: Business and Environment</b></p> <p><i>Another Look at Closing the Loop: Reclaiming Technical Nutrients Without Service &amp; Flow</i> John Deans- College of the Atlantic</p> <p><i>City Walkability and Transit Use</i> Jonathan Amburgey, Carol Werner, Barbara Brown, Caitlin Szalay – University of Utah</p> <p><i>Expanding the Domain of Business Ethics: Leadership Development for a Sustainable World</i> Randolph Schwering – Rockhurst University -Missouri</p> <p><i>Human-Environment Interaction for Globalization of Agriculture and Food Security</i> Shashi Kumar - India</p>

**Willow >>**  
(4<sup>th</sup> floor)

3:00 PM -  
4:30 PM

#### 4. Paper Session- Philosophy II

**John Visvader – Chair**

*A New Psychology of the Earth: Expanding Relationships into Sacred Reality*  
Carl Nassar - Heart-Centering Counseling, Ft. Collins, CO.

*Energy Scarcity and Sustainability: A Sketch of Possibilities*  
Win Kurlfink - Michigan State University

*Beyond Silent Spring: Unanticipated Consequences in Coupled Human-Natural Systems*  
William R. Freudenburg, Eric D. Zimmerman - University of California, Santa Barbara

*Descartes' Children: An Essay in the Ecology of Mind*  
John Visvader – College of the Atlantic



**Aspen >>**  
(5<sup>th</sup> floor)

#### 5. Paper Session - Sustainability II

**Carla Chifos – Chair**

*Building Sustainable Recreation-Planning Decisions on Federal Lands: The Role of Authentic Public Participation in Southern Utah*  
Marianne Thomas, D. Layne Coppock, Dale J. Blaneh – Utah State University

*Scale and Sustainable Indices: An Assessment of Scale in Systems Used by Organization to Measure Performance Towards Sustainable Goals*  
Lena Hakim - Washington State University

*The Sociocultural Aspects of Sustainability: A Closer Look*  
Davis Taylor – College of the Atlantic

*Biodiversity Conservation in the Thar Desert with Emphasis on Endemic and Medicinal Plants*  
T.I Khan - University of Rajasthan, Jaipur -India

**Ft. Douglas >**

#### 6. Paper Session – Ecology, Culture, and Identity

*Are Biological Species and High Ranking Groups Real?: The Ethnotaxonomy of Fish in the Atlantic Forest Coast, Brazil*  
Alpina Begossi - MHN-IB Unicamp -Campinas S.P, Brazil

3:00 PM -  
4:30 PM

*Dialogism as a Solution to the Present Obstacles Preventing an Ecological Culture*  
Vernon Gras - George Mason University

*Livelihood Strategies in Rural Human Settlements Developed After the 1994 Genocide in Rwanda*  
Emmanuel Havugimana - National University of Rwanda (and Goteborg University, Sweden)

*Reclaiming Our Place in Nature: A Theory on the Development of Ecological Identity*  
Jennifer Seydel - Antioch Graduate School of New England

## Friday Afternoon - October 14

**Pine >>**  
(6<sup>th</sup> floor)

### 6. Paper Session – Contributed Papers

*A Research on the Waste Policy for the 3R-based Sustainable Society and Its Efficacy – Focusing on the Eco-town Project in Japan–*  
Dong-Ae Shin - The University of KitaKyushu , Japan

3:00 PM –  
4:30 PM

*Promotion of Ecotourism in the KOCH Community near The Bhawal National Park*  
Tanveen Zaman - Monash University, Australia

*Andean Freshwater Stream Bioindicators*  
Eduardo Gil Mora - Andean Institute for Ecology and Development; Cusco – Perú

*Implementing Sustainable Development Programmes in West African Developing Countries*  
Akinbile Stephen Olumuyiwa – Agricultural Resources - Nigeria

## Friday Late Afternoon - October 14

**Ballroom I**

**Keynote Address – *Ballroom I* -**

4:30 PM -  
5:30 PM

**Ian Douglas –**

### ***Water and the Urban Human Ecology***

{Introduction: Eva Ekehorn – Society for Human Ecology}



5:30 PM -  
7:00 PM

**Reception and Awards – *Atrium & Patio (weather permitting)***

**Cash Bar -**

Hosts: Thom Meredith and Richard Borden –


Past Presidents

***Atrium & Patio***

Dinner Groups (on your own)

# Saturday Morning - October 15



<p><b>Ballroom I</b> 8:30 AM - 9:30 AM</p>	<p><b>Keynote Address – <i>Ballroom I</i> (please arrive promptly !)</b></p> <p><b>Bruce Babbitt – <i>Cities in the Wilderness</i> –</b></p> <p>{Introduction: Robert Keiter – University of Utah – Wallace Stegner Center for Land, Resources, and the Environment}</p>  <p><i>Please visit the King's English Bookstore book table -</i></p>
<p>9:30 AM - 10:00 AM</p>	<p><i>Coffee/ Beverage Break</i></p>
<p>10:00 AM - 12:00 PM <b>Theatre &gt;</b></p>	<p><b>Concurrent Sessions: Symposia. Roundtables, Contributed Papers</b></p> <p><b>1. Symposium - Environmental Sociology</b></p> <p><b>Tom Burns – Chair</b></p> <p><i>Quantifying Macro-level Effects of Environmental Degradation on Social and Economic Outcomes</i> Thomas Burns - University of Oklahoma</p> <p><i>The Social Causes of Change in the Ecological Footprints of Nations, 1991-2001</i> Andrew Jorgenson, James Rice, Thomas Burns - Washington State University University of Oklahoma</p> <p><i>The Future of Community – Making it Work / Sustainability in the 21<sup>st</sup> Century</i> Jonathan Duncan, John Neville - Sustainable Arizona</p>



Ballroom I >

## 2. Symposium - Fire Ecology I

**Jonathan Taylor – Chair**

*Introduction to the Session on Fire Ecology*  
Jonathan Taylor - Society for Human Ecology USGS {Emeritus}

10:00 AM -  
12:00 PM

*Taking personal responsibility for Community and Fire*  
Matt Carroll, Brad Weisshaupt - Washington State University

*Communities adapting to Wildland Fire*  
Pam Jakes, Sarah McCaffrey - USDA – Forest Service

*Perceptions - How do they Relate to Adaptation to the Wildland Interface?*  
Terry Daniel - University of Arizona – Tuscon

*People Adapting to their Chosen Environments Emotional Response to Environments:  
Consequences for Management of Wildfires and Other Natural Disasters*  
Ronald Hodgson - USDA – Forest Service

Continues into next session >>>



Connor >>

## 3. Symposium - Public Participation and Decision Making

**Kathy Halvorsen – Chair**

10:00 AM -  
12:00 PM

*Essential Next Steps for Research on Citizen Participation, Public Meetings, and Environmentally-related Decision Making*  
Kathy Halvorsen - Michigan Technological University

*Public Involvement Research: Expanding Our View*  
T. Bruce Lauber - Cornell University

*A River Runs Through It: A College Community Watershed Curriculum and Program*  
Kenneth Cline, Rich Borden – College of the Atlantic

*Fostering Mutual Trust in Community-based Ecosystem Management: A Critical Cultural Challenge*  
Glenn Sutter, Diane Martz, Jean Lauriaul – Royal Saskatchewan Museum, St. Peters College, Canadian Museum of Nature



**Ft. Douglas >**  
10:00 AM -  
12:00 PM

#### **4. Paper Session – Community and Education**

*Educational Processes That Probe Values and Catalyze Action: A New Role for Museums?*

Glenn C. Sutter, M. J. Barrett - Royal Saskatchewan Museum -Canada

University of Regina – Canada

*Downzoning: Motivations, Politics, and Effects*

Soji A. Adelaja, P. Gottlieb - Michigan State University; Rutgers University

*"We Need to Talk": Would Other Programs Also Benefit From An "Environmental Studies" Association?*

Robert C Wilkinson, William R. Freudenburg - University of California, Santa Barbara

*The Biology of Monsters: Using "Monsters" to teach Critical Thinking Skills and Scientific Concepts to Non-science Students*

Kevin Dixey - Western Washington University

**Theatre >>**

**Atrium >>**

**Lunch**

12:00 PM -  
1:00 PM

### **Saturday Noon - October 15**

**Special session: Wolfgang F.E. Preisler (University of Cincinnati)**



#### ***Universal Design: Paradigm for the 21<sup>st</sup> Century?***

*Please arrive promptly; participants may bring lunch  
into the Theatre room – seating is limited*

Introduction: Brenda Case Scheer AIA AICP - Dean,  
College of Architecture + Planning  
University of Utah

**Catered Buffet Lunch – Atrium  
& Patio (weather permitting)**

*Please visit the King's English Bookstore book table -*

**Theatre >>**

1:00 PM -  
3:00 PM

### **Saturday Afternoon - October 15**

**Concurrent Sessions: Symposia. Roundtables, Contributed Papers**

**1. Symposium - Education II: Contemporary Trends in Human Ecology  
Education**

**Robert Griffore – Chair**

*Analysis of Change in Human Ecology Programs in Higher Education*

Robert J. Griffore, Michigan State University

*Observations of Organizational and Structural Change in Human Ecology Programs in Higher  
Education*

Francille Firebaugh - Cornell University

*Cross-organizational Taskforce for Program Advancement in Family and Consumer Sciences*

Virginia Vincenti - University of Wyoming

*The Future of Human Ecology in Sweden*

Merritt Polk - Gothenburg University – Sweden

**Ballroom I >**

## **2. Symposium - Fire Ecology II**

1:00 PM -  
3:00 PM

**Jonathan Taylor – Chair**

*Behaviors, Behavioral Intentions and Beliefs about Home Fire Mitigation Strategies*  
Jerry Vaske, James Absher - Colorado State University - USDA – Forest Service

*Management Efforts To Aid Human Adaptation To A Fire-Prone Environment Along The Rocky Mountain Front*  
Katie Knotek, Alan Watson, Carol Miller - USDA Forest Service – Aldo Leopold Wilderness Research Institute - Montana

*Human Ecology of Post-Fire Recovery: Integrative Healing*  
Jonathan Taylor, Michele R. Burns, John T. Hogan - Society for Human Ecology  
USGS {Emeritus} Ft. Collins, CO; USDA, Ft. Collins, CO

*Community-Based Recovery from Wildfire: Connecting People to the Landscape*  
John Hogan, Terralene Foxx, Craig Martin, & Laura Patterson - USGS – New Mexico



**Connor >>**

## **3. Symposium - Listening to Neglected Voices**

**David Bengston - Chair**

1:00 PM -  
3:00 PM

*Natural Resources and Hmong Americans*  
David Bengston, Michele Schermann - USDA Forest Service – St. Paul, MN; University of Minnesota

*Voices of My Ancestors, Their Bones Talk To Me: How to Balance US Forest Service Rules and Regulations with Traditional Values and Culture of American Indians*  
Joseph Flood, Leo H. McAvoy - East Carolina University, University of Minnesota

*Natural Resources and Latinos*  
Deborah J. Chavez - USDA Forest Service –Riverside, CA

*The Souls of Black Folks: Exploring African Americans' Connections to Forests*  
Earl Leatherberry - USDA Forest Service – St. Paul, MN

**Oak Room >**  
**(3<sup>rd</sup> Floor)**

## **4. Roundtable - Environmental Tipping Points**

Gerald Marten - East West Center, Honolulu, HI  
Steve Brooks – Austin, Texas.  
Ted Knowlton – Envision Utah



Ft. Douglas >

**5. Paper Session: Environmental Aesthetics, Spirituality, and the Perception of Nature**

**Carl Nassar – Chair**

*Experiences of Awe and Wonder in Natural Environments*  
 Joanne Vining, Melinda Merrick - University of Illinois, Urbana-Champaign

*Mountains with (and without) Burnt Trees: the Role of Aesthetic Imagery in Documenting Landscape-Scale Change in Grand Teton National Park*  
 Ron Steffens - Green Mountain College

*The Spiritual Food Chain*  
 Dieter Steiner – ETH Zurich –Switzerland

*Art Influencing Land Preservation: A Study of Landscape Photography*  
 Lynda Roberts – University of Utah

*A **Virtually Wild** Idea: Set Free the Primal Mind*  
 Elizabeth R. Kover –Denver, CO.

1:00 PM -  
 3:00 PM

3:00 PM -  
 3:30 PM

*Coffee/Beverage Break*

Ballroom I >

**Concurrent Sessions: Symposia. Roundtables, Contributed Papers**

3:30 PM -  
 5:00 PM

**1. Symposium - Education III: Eco-League Consortium**

**William Throop – Chair**

William Throop - Green Mountain College – Vermont  
 Richard Borden - College of the Atlantic -Maine  
 Dorothy Lagerroos - Northland College- Wisconsin  
 Meriel Brooks - Green Mountain College  
 Colette Palamer - Antioch College – Ohio  
 Timothy M. Rawson - Alaska Pacific University – Alaska  
 Lisa Floyd-Hanna - Prescott College – Arizona



Theatre >>

3:30 PM -  
5:00 PM

## 2. Symposium: Society-Environment Interactions

**Sandra Marquart-Pyatt - Chair**

*Environmental Activism in Amenity-Rich Southern Utah*  
Brian Jennings, Don Field, Richard Krannich, and A.E. Luloff – Utah State University

*Challenges to the Application of Behavioral Principles on Public Lands: A Case Study in Rich County, Utah*  
Susan Reid Wilmot and Mark Brunson – Utah State University

*Community Attachment, Place Attachment, and Great Salt Lake*  
Carla Koons Trentelman – Utah State University

*The Politics of Skiing: A Political Ecology of a Ski-Resort Development*  
Nicole Mauerman and Peggy Petrzela – Utah State University

Connor >>

## 3. Paper Session: Health and Social Issues

**Carol Jeffers - Chair**

*Towards a New Model of Understanding Women and Alcoholism: Social Network Theory as the Basis for Designing a New Paradigm of Understanding*  
Deborah J. Smith - Michigan State University

*The Disappearance of Endemic Malaria in the Netherlands: A Story of Orchestration and Coincidence*  
Erica Hackenitz - ZonMw (MHRC), The Netherlands

*The Role of Plants as Food and Medicine in the Health Care of a Rural Population*  
Carol Jeffers – University of Utah

*Organizational Culture's Impact on Congregant-Care Facility Residents*  
Jane Nichols – Western Carolina University



Ft. Douglas >

## 4. Paper Session: Climate

**Daniel Bedford - Chair**

*Human Ecology and Great Salt Lake Effect Snowstorms: Prospects for Regional Anthropogenic Climate Change.*  
Daniel Bedford - Weber State University – Ogden, UT

3:30 PM -  
5:00 PM

*Dynamics of Abrupt Climatic Change over the Climate Regions in Nigeria*  
L.E. Akeh, E.D. Udoeka, A.O. Ediang, A.A. Ediang, S.O. Gbuyiro - Nigeria Meteorological Agency – Africa

*Disciplinary and Climate Change: An Analysis of IPCC's Assessment of the International Climate Change Research*  
Andreas Bjurstrom - Goteberg University – Sweden

**Ballroom I**

**Saturday Late Afternoon - October 15**

5:00 PM -  
6:00 PM

**Keynote Address –**

**Carolyn Merchant -**

***Reinventing Eden: The Role of Nature in Western Culture***

{Introduction: Thomas Dietz – Michigan State University}

***Ballroom I***



*Please visit the King's English Bookstore book table*

6:00 PM –  
6:45 PM

**Closing Comments – Awards – Wrap-up**



Dinner Groups (on your own)

Open for After Dinner Discussion

## Sunday Morning - October 16



<b>Theatre -</b> 8:30 - 10:00	<b>Society for Human Ecology Business Meeting - Theatre</b>
10:30 AM – and for rest of the day	<b>Optional – <i>Guided Tours available</i></b>  Red Butte Gardens (\$3.00 per person) Museum of Fine Arts (free) Museum of Natural History (free)

Photos courtesy of :

Salt Lake Convention and Visitors Bureau  
University of Utah News and Public Relations  
- and Scott Wright

# Society for Human Ecology

20<sup>th</sup> Anniversary Conference of  
The Society for Human Ecology

## Keynote Speakers

### Bruce Babbitt



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Currently practicing law in Washington, D.C., Bruce Babbitt served as U.S. Secretary of the Interior from 1993 to 2001, as Governor of Arizona from 1978 to 1987, and as Attorney General of Arizona from 1975 to 1978.

Mr. Babbitt is the son of a northern Arizona ranching family and was exposed to Arizona's cultural and natural heritage from an early age. His father had helped to found the Arizona Wildlife Federation and the Arizona Game Protective Association.

With degrees in geology, geophysics, and law, Bruce Babbitt was elected to statewide office on his first foray into elective politics in Arizona at the age of 36. In 1978 he became governor, was twice reelected to that office and served nine years in all. In 1988, Babbitt was a candidate for the presidency of the United States and from 1988-1993 he practiced law and served as head of the League of Conservation Voters. As Secretary of the Interior from 1992-2001, Babbitt was perhaps the best-qualified person ever to hold that position. He combined experience and enthusiasm with a deep commitment to environmental protection and restoration. He tackled some of the most complex and controversial issues in public land management, resulting in long overdue reforms to mining, grazing, and endangered species law, and the protection of millions of acres of federal land from development

through the designation of several national monuments. *Bruce Babbitt is the author of *Cities in the Wilderness*, published by Island Press.*

### Carolyn Merchant



Chancellor's Professor of Environmental History, Philosophy, and Ethics in the Department of Environmental Science, Policy, and Management at the University of California, Berkeley.

Dr. Carolyn Merchant is the author of *The Death of Nature: Women, Ecology, and the Scientific Revolution* (1980); *Ecological Revolutions: Nature, Gender, and Science in New England* (1989); *Radical Ecology: The Search for a Livable World* (1992); *Earthcare: Women and the Environment* (1996); *The Columbia Guide to American Environmental History* (2002); and *Reinventing Eden: The Fate of Nature in Western Culture* (2003), as well as numerous articles on the history of science, environmental history, and women and the environment. She is the editor of *Major Problems in American Environmental History* (1993); *Key Concepts in Critical Theory: Ecology* (1994); *Green Versus Gold: Sources in California's Environmental History* (1998); and co-editor, with John McNeill and Shepard Krech, III, of *The Encyclopedia of World Environmental History* (2003).

Merchant is a graduate of Vassar College and received her master's and doctoral degrees from the

University of Wisconsin at Madison in the History of Science and an honorary doctorate from Umeå University in Sweden. She has been a fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford; a Guggenheim fellow; the John D. And Catherine T. MacArthur Fellow in the Ecological Humanities at the National Humanities Center; a fellow of the American Council of Learned Societies; a Fulbright senior scholar in Sweden; and the 1991 ecofeminist scholar at Murdoch University in Western Australia. She is a past-president of the American Society for Environmental History and has served on the executive and advisory boards of the History of Science Society, *Environmental History*, *Environmental Ethics*, *Ethics and the Environment*, *the International Journal of Ecoforestry*, *Organization and Environment*, and the Association for the Study of Literature and the Environment. {Photo credit: Robert Holmgren}

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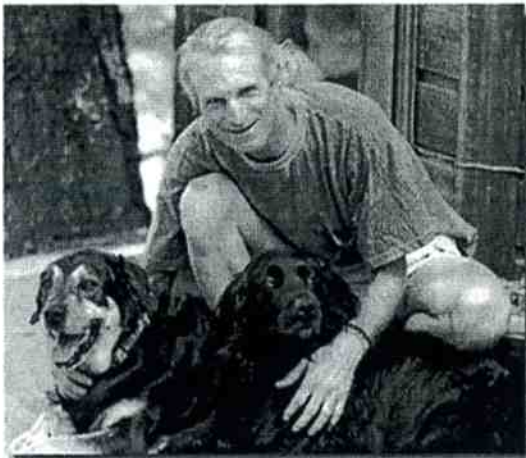
## Keynote Speakers

### Ian Douglas



Science Co-ordinator NERC Lowland Catchment Research Programme (LOCAR); Emeritus Professor, University of Manchester; Professor of Physical Geography, University of Manchester, UK. (Head of Department 1981-1984 and 1987-1991); Professor invité, Université Paris I, Panthéon-Sorbonne; Professor of Geography, University of New England, Australia. (Head of Department 1972-1976 inclusive); Treasurer, Scientific Committee on Problems of the Environment (SCOPE) of the International Council for Science (ICSU); Chairman, Royal Society UK SCOPE Working Party; Chairman, Board of Governors, Commonwealth Human Ecology Council; The author of numerous books, monographs, and papers in environmental change and geomorphology,

### Mark Bekoff



Marc Bekoff is Professor of Biology at the University of Colorado, Boulder, and is a Fellow of the Animal Behavior Society and a former Guggenheim Fellow. In 2000 he was awarded the Exemplar Award from the Animal Behavior Society for major long-term contributions to the field of animal behavior. Marc is also regional coordinator for Jane Goodall's Roots & Shoots program, in which he works with students of all ages, senior citizens and prisoners, and also is a member of the Ethics Committee of the Jane Goodall Institute. He and Jane co-founded the organization Ethologists for the Ethical Treatment of Animals: Citizens for Responsible Animal Behavior Studies in 2000. Marc is on the Board of Directors of The Fauna Sanctuary, The Cougar Fund, the Skyline Sanctuary and Education Center, and the Prairie Preservation Alliance and on the advisory board for the Laboratory Primate Advocacy Group and the conservation organization SINAPU. He has been part of the international program, Science and the Spiritual Quest II and the American Association for the

Advancement of Science (AAAS) program on Science, Ethics, and Religion. Marc is also an honorary member of Animalisti Italiani and Fundacion Altarriba, and on the Scientific Review Board of the Great Ape Trust. In 2005 Marc was presented with The Bank One Faculty Community Service Award for the work he has done with children, senior citizens, and prisoners. Marc's main areas of research include animal behavior, cognitive ethology (the study of animal minds), and behavioral ecology, and he has also published extensively on animal issues. {Photo credit: Cliff Grassmick for the Boulder Daily Camera}.



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**Special Session**  
**Saturday – October 15<sup>th</sup>**  
**12:00 – 1:00 PM – Theatre Room**  
**Marriott University Park Hotel**

## ***“Universal Design: Paradigm for the 21<sup>st</sup> Century?”***



### **Wolfgang F. E. Preiser**

Wolfgang F.E. Preiser holds a Ph.D. in Man-Environment Relations from Pennsylvania State University, and Masters degrees in Architecture from Virginia Polytechnic Institute and State University, and the Technical University of Karlsruhe, Germany. His undergraduate degree in Architecture is from the Technical University in Vienna, Austria.

He has accumulated over thirty years of experience in teaching, research and consulting, with special emphasis on evaluation and programming of environments, health care facilities, public housing, universal design, and design research in general. Preiser was Principal Investigator for the Facilities Master Plan for the Public Library of Cincinnati and Hamilton County. He has received many

Awards, Fellowships and honors, including two Progressive Architecture Awards for Applied Research, two Fulbright Fellowships, two Professional Fellowships from the National Endowment for the Arts, the U.C. Faculty Achievement Award, the EDRA Career Award, the Rieveschl Award for Scholarly and Creative Works, and others.

He has had visiting lectureships at more than thirty universities in the United States, and over thirty-five universities overseas. As an international building consultant, Dr. Preiser was co-founder of Architectural Research Consultants, Inc., Albuquerque, New Mexico. Preiser has edited and written numerous articles and books, including: Post-Occupancy Evaluation; Design Intervention: Toward a More Humane Architecture; Pueblo Style and Regional Architecture; Programming the Built Environment; Building Evaluation; Professional Practice in Facility Programming; Design Review: Challenging Urban Aesthetic Control; New Directions in Urban Public Housing; Directions in Person-Environment Research and Practice; Universal Design Handbook; Improving Building Performance; and most recently, Assessing Building Performance.

He is Associate Editor of the Journal of Environment and Behavior, and serves on the editorial board of Architectural Science Review. He is a member of the Environmental Design Research Association (former Vice-Chairman and Secretary), the Society of Human Ecology (USA, Co-Founder and President 1979-86). He has served on national committees with the American Institute of Architects, the Building Research Board of the National Academy of Sciences, and the National Institute for Disability Rehabilitation Research.

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### Keynote Speaker

### Ross C. "Rocky" Anderson



Ross C. "Rocky" Anderson was born in Logan, Utah and has lived in Salt Lake City for most of his life. He received a B.S. degree from the University of Utah and obtained his law degree from George Washington University. For twenty-one years, Anderson worked as an attorney specializing in civil litigation.

Anderson took office as Salt Lake City's mayor on January 3, 2000. Anderson and his staff have established policies and initiatives to improve the quality of life for all Salt Lake City residents. Many of the Mayor's actions are guided by three important principles. First, Anderson is committed to open, honest, accountable government, guided by uncompromising ethical standards. Second, Anderson believes strongly in the value of diversity, promoting greater dialogue, understanding, and inclusiveness among people of different faiths, ages, genders, sexual orientations, races, economic circumstances and ethnic origins. Third, Anderson constantly looks to the future, making decisions that will make the city a better place in the long run.

Anderson prioritizes strengthening vulnerable neighborhoods and bringing economic development opportunities to all parts of Salt Lake City. These economic initiatives are guided by smart-growth principles. Anderson is a proponent of urban housing projects and mixed-use developments that encourage healthy, walkable communities and which do not perpetuate dependence on the automobile or promote sprawl development.

Anderson adheres to a philosophy of "practical environmentalism," taking steps that preserve our environment for the future, while enhancing our economy and quality of life now. His Salt Lake City Green program is perhaps the most comprehensive environmental program in the nation. A strong supporter of mass transit, Anderson continues to lobby for greater federal and state support for mass transit projects in order to build on the successes of existing light-rail projects he helped to complete. Anderson has received national recognition for several initiatives, including an award from the US Conference of Mayors for his pedestrian safety initiative, Reclaiming the Streets. Anderson has also received recognition for Salt Lake City's part in the success of the 2002 Olympic Winter Games. Anderson has also received recognition from the International Council for Local Environmental Initiatives for his leadership on global warming issues.

Locally, the Salt Lake Tribune named Anderson "Utahn of the Year" for 2000. In 2001, the Downtown Merchants Association presented the Mayor their "Friend of the Merchant Award." For his environmental initiatives, the Sierra Club named Anderson "2002 Utah Political Leader of the Year." Issues 2002, a non-profit advocacy group that speaks on behalf of the homeless and the economically disadvantaged, also named Anderson "Elected Official of the Year" for 2002. Based on a survey of readers, Salt Lake City Weekly has named Mayor Anderson "Best Elected Official" each of his three years in office.