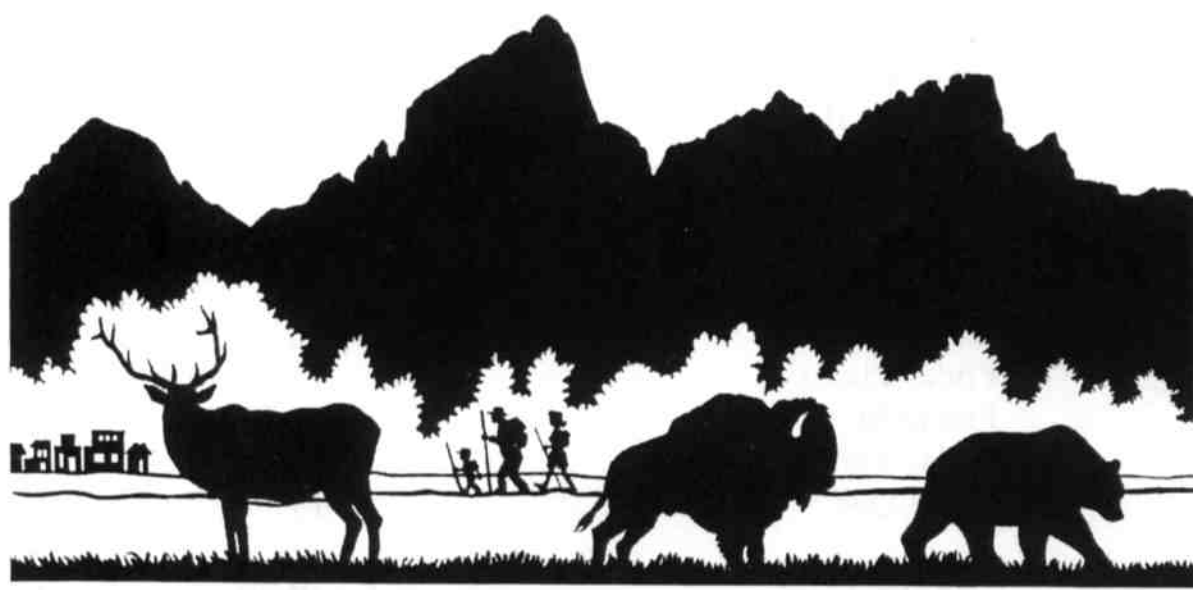


The Eleventh International Conference of
The Society for Human Ecology

SHE-XI



DEMOCRACY AND SUSTAINABILITY

JACKSON, WY
SCHEDULE



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SHE-XI - Thursday – 10/19

Opening Plenary Session:

8:00 – 9:30 AM

GRAND

Welcome and Opening Plenary Talk

Connecting People to their Earth:

Forging Links between the Natural Sciences and the Social Sciences

Thomas Casadevall

Director, Central Region, U.S. Geological Survey, Denver, Colorado

SHE-XI - Thursday - First Sessions

10:00 – 11:30 AM

A. Democracy and Participation I: National Case Studies

TIMBERLINE-I

Chair: Carl Shapiro, *U.S. Geological Survey, Reston, Virginia*

1. **National Councils on Sustainable Development and Their Role in Public Participation: An Evaluation of Their Effectiveness in Terms of Input and Output**
Kris Bachus, *The Higher Institute of Labour Studies, University of Leuven, Belgium*
2. **Action-Oriented Participation in Local Sustainability (LA21)**
Hans Bruyninckx, *Higher Institute of Labour Studies, University of Leuven, Belgium*
3. **Democratic and Inclusionary Practices? Public Participation and Government Policy in the United Kingdom**
Mark Toogood & Claire Waterton, *Centre for the Study of Environmental Change, Lancaster University, England*
4. **Linking Science to Society: The Role of Government Science Organizations**
Carl Shapiro, *U.S. Geological Survey, Reston, Virginia*
5. **Response of the 'Group of Ten' to Participatory Localism**
Michael Welsh, *Political Science/Environmental Studies, Albright College*

B. Communities and Tourism

TIMBERLINE-II

Chair: Mick Womersley, *Unity College, Maine*

1. **Mountains Under Urban and Tourism Pressures: Some Examples of Public Land Management Taken from Grenoble (France)**
Louis Allie, C. R. Bryant, M. Vanier, & N. Bertrand, *Department of Geography, University of Montreal; Alpine Geographic Institute and Cemagref Grenoble, France*
2. **Tourism, Agriculture, and Community Economic Development: Creating Innovative IT Solutions**
Simon Milne, *Auckland University of Technology, New Zealand*; Frank McShane & Stephen Engle, *Victoria University, New Zealand*; & David Mason, *Boston*
3. **Whose Rural Legacy is it Anyway? Ethical and Cultural Problems with Maryland's Rural Protection Programs**
Mick Womersley, *Division of Liberal Studies, Unity College, Maine* & David Wasserman, *Institute for Philosophy and Public Policy, University of Maryland, College Park*

C. Managing the Wild I: Wildlife and Wilderness

TIMBERLINE-III

Chair: Eva Ekehorn, *Commonwealth Human Ecology Council, London, UK*

- 1. African Heartlands: Recent Experiences Integrating Landscape Conservation and Rural Livelihood Approaches in Eastern and Southern Africa**
Cary S. Farley, *African Wildlife Foundation, Uganda*; Philip Muruthi, *African Heartlands Program, African Wildlife Foundation, Kenya*; & Katie Frohardt, *African Wildlife Foundation, United States*
- 2. Local Perspectives on Wilderness and Conservation: The Case of the Adirondack Park**
Charles R Simpson, *Department of Sociology and Criminal Justice, SUNY, Plattsburgh*
- 3. Wolves in Yellowstone: A Policy Analysis**
Paige Tucker, *Environmental Science and Public Policy Program, George Mason University, Virginia*

D. Evolutionary Perspectives

SUMMIT-II

Chair: Peter J. Richerson, *U. C. Davis, Davis, California*

- 1. Pre-industrial Agricultural Systems: A Reference for an Ecologically Sustainable Agriculture in Modern Society**
Tom Korsman, *Centre for Interdisciplinary Studies and Department of Ecology and Environmental Science, Umea University, Sweden* & Roger Englemark, *Department of Archaeology and Sami Studies, Umea University, Sweden*
- 2. The Holocene Origins of Agriculture and Its Probable Demise**
Peter J. Richerson; Robert L. Bettinger, *Environmental Science & Policy, UC Davis* & Robert Boyd, *Anthropology, UCLA*

E. Maintaining Human Ecological Integrity

JACKSON

Chair: Scott D. Wright, *University of Utah, Salt Lake City*

- 1. Gray or Green?: Stewardship in an Aging Society**
Scott D. Wright, *Gerontology Center, University of Utah*
- 2. How Will a Change in the Population Structure Influence Environmental Loads? - The Approach from Lifestyles of Each Generation**
Atsuko Kuribayashi, *NLI Research Institute, Tokyo, Japan*
- 3. Biography: Ecological Method and Narrative Craft toward Holistic Practice**
Win Kurlfink, *Department of Family and Child Ecology, College of Human Ecology, Michigan State University*

Group Luncheon

GRAND

12:00 – 1:00 PM

SHE-XI - Thursday - Second Sessions

1:00 – 2:30 PM

A. Democracy and Participation II: Local Case Studies

TIMBERLINE-I

Chair: Herman Karl, *U.S. Geological Survey, Menlo Park, California*

1. **The Creek Project: Engaging Decisionmakers, Community Stakeholders, and Discipline Experts to Address Collaboratively, Environmental Issues in an Urbanized Watershed**
Herman Karl, *U.S. Geological Survey, Menlo Park, California*
2. **The Humanities Component of the USGS INCLUDE Project: Community Values and the Decision-making Process**
Christine Turner, *U.S. Geological Survey, Denver, Colorado*
3. **Crossing Boundaries in Land Management: A Case Study of the Brooks Township Land Use Vision Project**
Rebecca Romsdahl, *George Mason University, Virginia*
4. **The Yellowstone River and Paradise Valley: Sustainable Ecosystems and Democratic Institutions**
Richard Wojtowicz, *Renne Library, Montana State University, Bozeman*
5. **Stakeholder Involvement in the Jackson Area Bison and Elk Management Planning Process**
Lynne M Caughlan, *U.S. Geological Survey, Fort Collins, Colorado*

B. Household and Community

TIMBERLINE-II

Chair: Sandra Niessen, *Department of Human Ecology, University of Alberta, Canada*

1. **Renovation as Pedagogy: A Strategy for Community Development**
Sandra Niessen, *Department of Human Ecology, University of Alberta, Canada*
2. **Towards a Sustainable Design Model: Transformation of a Domestic Home**
Megan Strickfaden, *Department of Art and Design, University of Alberta, Canada*
3. **Reducing Energy Consumption: The Human Ecology Theme House as a Community Model**
Nyree Sharp & Sandra Niessen, *Department of Human Ecology, University of Alberta, Canada*
4. **Food Management in Everyday Life: Increasing Households Capacity to Make Ecologically Sound Decisions, Based on the Environmental Impact of their own Consumption**
Helena Shanahan & Marianne Pipping Ekstrom, *Department of Home Economics, Göteborg University, Sweden*, & Annika Carlsson-Kanyama, *Stockholm, Sweden*
5. **A Healthy Environment Assessment of Keene, New Hampshire**
Gael Rockwell Minton, *Lifestyle Dynamics, Stoddard, New Hampshire*

C. Managing the Wild II: Parks and Recreation

TIMBERLINE-III

Chair: Eva Ekehorn, *Commonwealth Human Ecology Council, London, UK*

1. **Protecting Wilderness in the United States: The National Park Service and Front-County Promotion**
Michael Beltz, *Cultural Studies Department, George Mason University, Virginia*
2. **A Potomac Prospect**
Don Briggs, *U. S. National Park Service*
3. **Minority Populations and Their Concern for Urban Parks and Forests**
Vinod Sasidharan, *Leisure Studies Program, The Pennsylvania State University* & Cassandra Y. Johnson, *USDA Forest Service, Forestry Sciences Laboratory*

D. Macro-Comparative Perspectives

SUMMIT-II

Chair: Thomas K. Burns, *University of Utah, Salt Lake City*

1. **A World System Perspective on Environmental Degradation and Infant Mortality in Developing Countries**
Thomas J. Burns, Jeffrey D. Kentor, Andrew Jorgenson, & Oleg I. Gubin, *Department of Sociology, University of Utah*
2. **The Comedy of the Commons: Lessons on How to Live into the Future from Mexico, Cuba and South America**
Gray Cox, *College of the Atlantic, Bar Harbor, Maine*
3. **The Environment-Poverty Nexus: An Institutional Analysis**
Asad Abbas Naqvi & Shaheen Rafi Khan, *Sustainable Development Policy Institute, Pakistan*
4. **Critical Roles of Technology Transfer in the Global Warming Regime and its Systemic Impacts: from the Regime to a Mega-Convergence among Environment, Trade, Economy, and Development**
Andy Choi Sungnok, *The Graduate Institute of Peace Studies, Kyunghee University, Korea*
5. **Exploring Sustainable Consumption: Environmental Policy and the Social Sciences**
Maurie, J. Cohen, *Environmental Studies Program, Binghamton University, New York* & Joseph Murphy, *Oxford Centre for the Environment, Ethics, and Society, Mansfield College, Oxford, England*

E. **Family/Education/Adaptation**

JACKSON

Chair:

1. **The Human Ecology of Education in a Northern Community**
Lia Ruttan, *Department of Human Ecology, University of Alberta*
2. **Learning, Education, and the School Calendar**
Harry Cabot,
3. **Interactions at the Microsystem and Mesosystem Level to Create Greater Adjustment for the Adolescent Girl**
Julie Haddow, *Michigan State University, East Lansing*
4. **The Virtual-Environmental Educators Network**
M. Maksudul Haque, *The Children Trust, Bangladesh*
5. **Second Time Around Families: Cultivating Community Partnerships to Sustain Families and Relationships**
Andrea B. Smith & Linda Dannison, *College of Education, Western Michigan University*

SHE-XI - Thursday - Third Sessions

3:00 – 4:30 PM

A. **Democracy and Participation III: Theory and Methods**

TIMBERLINE-I

Chair: Thomas Gunther, *Office of Water and Science, U.S. Department of the Interior, Washington, D.C.*

1. **Managerial Ecology and Democracy: Exploring the Complexities of Control, Coping and Consent**
Dean Bavington, *Department of Science, Policy, and Management, University of California, Berkeley*
2. **Decision Support Systems: A Bridge Between Democracy and Sustainability**
Thomas Gunther, *Office of Water and Science, U.S. Department of the Interior, Washington, D.C.*
3. **Social and Professional Differences in Environmental Perception: Two Studies**
Svetlana E. Gabidulina, *Moscow Linguistic University, Russia*
4. **Democracy and the Management of Global Commons: From Hunters - Gatherers to the Information Society**
Juan P. Ruiz & José L. Rubio, *Ecology Department, Autonoma University, Madrid, Spain*

B. Environment and Health

TIMBERLINE-II

Chair: Thomas J. Burns, *University of Utah, Salt Lake City*

1. **Medicinal Plants and the Atlantic Forest (Brazil): The Role of Gender and Age in Conservation**
Alpina Begossi, *NEPAM - Center of Environmental Studies and Research; UNICAMP - State University of Campinas*, Natalia Hanazaki, *Graduate Group in Ecology, UNICAMP* & Jorge Y. Tamashiro, *Department Biology, UNICAMP, Brazil*
2. **Environmental Depletion and Health Outcomes in the Former Soviet Union**
Thomas J. Burns, Oleg I. Gubin, Jeffrey D. Kentor,; & Russell McKell, *Department of Sociology, University of Utah*
3. **Human Health and Natural Environments: Relationships, Expectations and Probable Outcomes**
Alan W. Ewert, *Department of Recreation and Park Administration, Indiana University*
4. **Human Dimensions of Wildlife Disease: Developing a Federal Program for Chronic Wasting Disease in Captive Elk**
Rob Werge, *APHIS, U.S. Department of Agriculture, Fort Collins, Colorado*
5. **Modelling, Monitoring, and Prediction of Malaria in the North Eastern States of India**
Shikha Singh, Mini Gosh, & J. B. Shukla, *Department of Mathematics, Indian Institute of Technology, Kanpur*
6. **Modelling and Analysis of Carrier Dependent Infectious Diseases: Effect of Human Ecology and Demography**
Shikha Singh, Mini Gosh, P. Chandra, & J. B. Shukla, *Department of Mathematics, Indian Institute of Technology, Kanpur*

C. Managing the Wild III: Working Landscaping

TIMBERLINE-III

Chair: Eva Ekehorn, *Commonwealth Human Ecology Council, London, UK*

1. **Citizens Participation in Watershed Protection in Russia: Analysis of Successes and Failures**
Maria Tysiachniouk, *Department of Environmental Sociology, Center for Independent Social Research, St. Petersburg, Russia*
2. **Comparing U. S. and Canadian Approaches to Sustainable Forest Ecosystems**
Clare M. Ryan & Kim C. Waldron, *College of Forest Resources, University of Washington*
3. **Owls, Salmon and Western Water Wars--Lessons from Watershed Planning for Future Challenges of Bioregional and Sustainable Planning in the Future**
Katherine Baril, *Community Learning Center, Washington State University, Pullman*

D. Identity and Self

SUMMIT-II

Chair: William Throop, *Green Mountain College, Poultney, Vermont*

1. **Plain Members of the Biotic Community: Are We Kidding Ourselves?**
William Throop, & Charley Graham, *Humanities, Arts and Natural Sciences, Green Mountain College, Vermont*
2. **Science and the Public Self**
Robert Frodeman, *Center of the American West, University of Colorado, Boulder*
3. **Reflections on a Life of Dialogue with Nature**
Scott Friskies, *Augusta, Montana*

E. Managing Land and Resources in a Highly Volatile Human Milieu

JACKSON

Chair: Jonathan Taylor, *U.S. Geological Survey, Fort Collins, Colorado*

1. **Winter Feeding of Elk: Benefits, Costs, Sustainability**
Bruce L. Smith, *National Elk Refuge, Wyoming*
2. **Public Involvement and Wyoming's Hunting Seasons**
Mark Goeke, *Wyoming Game & Fish Department, Jackson*
3. **Managing Conflict in a National Park Setting: with Wolves, Grizzlies, Cattle and Bison**
Steve Haynes, *Grand Teton National Park*
4. **Fire in the Forest: Dealing with Public Reaction**
Andy Norman, *Bridger Teton National Forest, Jackson* & Jonathan Taylor, *USGS Fort Collins*

SHE-XI - Thursday – Epilogue

GRAND

4:30 – 5:30 PM

**Can Democracy Survive the 21st Century?
What have we learned about Democracy and Sustainability?
*All Conference Round Table***

Moderators

Rodney Sando, *Idaho Department of Fish and Game*
Tom Dietz, *George Mason University, Virginia*
Donald B. Straus, *College of the Atlantic, Bar Harbor, Maine*
Richard J. Borden, *College of the Atlantic, Bar Harbor, Maine*

Each day of SHE XI will conclude with a round-table discussion. The goal of these sessions is to integrate ideas and insights from the day's presentations. These roundtables are intended to continue the exchange at SHE X in Montreal which led to our overall conference theme "Democracy and Sustainability." We face many unprecedented challenges, and in parallel with them, we are engaged in many exciting experiments in new forms of democracy. But what are the new strategies that we need? What is working? What isn't working? How can we increase collaboration and the quality of decision making? What can improve citizen participation and lead to more dynamic ways in governing? What is the role of computers in democracy and the management of complexity? All conference participants are invited join.

SHE-XI - Friday - First Sessions

8:00 – 9:30 AM

A. Democracy and Participation IV: Ecosystem Management

TIMBERLINE-I

Chair: Thomas C. Meredith, *McGill University, Montreal, Quebec, Canada*

- 1. Collaborative Biodiversity Decision-Making: Using Networked GIS to Structure Discussion and Find Consensus on Conservation Priorities**
Thomas C. Meredith, *Department of Geography, McGill University, Montreal, Quebec*
- 2. Assessing Democracy and Sustainability in Canada through Ecosystem-Based Management: Boundaries, Understanding, Planning and Management**
Rob Brown, *Department of Geography and Environmental Studies, Wilfrid Laurier University, Canada* & Dean Bavington, *Department of Science, Policy, and Management, University of California, Berkeley*
- 3. Adapting Together: The Challenge of Adaptive and Collaborative Management in Forest Environments**
David Edmunds, *with The Adaptive and Collaborative Management Program at CIFOR [Center for International Forestry Research]*

B. Humans and Other Animals I

TIMBERLINE-III

Chair: Joanne Vining, *University of Illinois, Urbana*

Discussant: Jonathan Taylor, *U.S. Geological Survey, Fort Collins, Colorado*

- 1. Wolf Watching in Yellowstone National Park: The Nature of The Interaction as Discussed by Wolf Watchers**
Jessica Montag; Wayne Freimund, & Michael Patterson, *University of Montana*
- 2. Solo Female-Canine Outdoor Recreation: An Experiential Journey**
Katrina Krause, *USDA Forest Service*
- 3. Experience Preferences at McNeil River State Game Sanctuary**
Randall T. Burtz, Alan D. Bright, *Department of Natural Resource Recreation, Colorado State University*, & David C. Fulton, *Minnesota Cooperative Fish and Wildlife Research Unit, University of Minnesota*
- 4. Citizen Participation in Wildlife Management: Theory and an Application in Alaska**
Marguerite A. Matthews, *Alaska Department of Fish and Game* & C. Cormack Gates, *University of Calgary, Alberta, Canada*

C. Biodiversity

SUMMIT-II

Chair: Alpina Begossi, *State University of Campinas, Brazil*

- 1. Floral Biodiversity Survival in the India Thar Desert**
T. I. Indira Khan, *Gandhi Center for HEEPS, University of Rajasthan, Jaipur, India*
- 2. Adaptive Design: An Ecosystem Approach to Biodiversity Conservation Planning**
Nina-Marie E. Lister, *School of Urban and Regional Planning, Ryerson Polytechnic University, Ontario*
- 3. Cabaclo Plant Diversity at the Negro River, Amazon, Brazil**
Andrea Leme, *Graduate Group in Ecology, University of São Paulo* & Alpina Begossi, *Center of Environmental Studies and Research - NEPAM; State University of Campinas - UNICAMP*

D. Fisheries and Coasts

JACKSON

Chair Meriel J. Brooks, *Green Mountain College, Vermont*

1. **Is Fisheries Management Missing the Boat?**
Meriel J. Brooks, *Department of Natural Science & Mathematics, Green Mountain College*
2. **Learning from the Limits of an Adjudicatory Strategy for Resolving United States-Canada Fisheries Conflict: Lessons from the Gulf of Maine**
Lawence J. Prelli, *Department of Communication, University of New Hampshire, Durham* & Mimi Larsen-Becker, *Department of Nature Resources, University of New Hampshire, Durham*
3. **Adaptive Management of Coastal Resources - Lack of Experience and Abundance of Knowledge**
Karl Bruckmeier, *Human Ecology Section, Göteborg University, Sweden*

E. Sustaining Biological, Cultural, and Economic Systems Through Adaptive Modeling and Management: A U.S. Geological Survey, U.S.A. - Yunnan Province, Peoples Republic of China, Trans-Cultural Project

Chair: Richard L. Johnson, *U.S. Geological Survey, Fort Collins, Colorado*

TIMBERLINE-II

1. **Sustaining Biological, Cultural and Economic Diversity in Yunnan Province, P.R.C.: Background and Progress**
Zhang Xia, *Biological Resources Innovative Development Project, People's Republic of China*
& Richard L. Johnson, *U.S. Geological Survey, Fort Collins, Colorado & Brigham Young University*
2. **Natural Capitalism and Micro-enterprise for Advancing Systems Sustainability**
Donald Adolphson, *Romney Institute of Public Management, Brigham Young University*
3. **Conservation Biology**
Rey Stendell, *U.S. Geological Survey, Fort Collins, Colorado*
4. **Connecting Biological, Cultural, and Economic Systems through GIS/GAP Analysis Mapping**
John Mosesso, *U.S. Geological Survey*
5. **Connecting Biological, Cultural, and Economic Systems: An Evolutionary Economics Approach**
Richard L. Johnson, *U.S. Geological Survey, Fort Collins, Colorado & Brigham Young University*

SHE-XI - Wednesday – Evening 10/18

ROOM

Registration and Check In

4:00 – 8:00 pm

LOBBY

Reception and Bar

6:00 – 8:00 pm

GRAND

Hosted by

Jackson Hole Mountain Resort

SHE-XI – Thursday Morning – 10/19

ROOM

Opening Plenary Session: Welcome

8:00 – 9:30 am

GRAND

Connecting People to their Earth: Forging Links between the Natural Sciences and the Social Sciences

Thomas Casadevall, Director, Central Region, U.S. Geological Survey

BREAK

9:30 – 10:00 AM

MEZZANINE

Thursday – First Sessions

10:00 – 11:30 am

A. Democracy and Participation I: National Case Studies

TIMBERLINE-I

Chair: Carl Shapiro, U.S. Geological Survey, Reston, Virginia

B. Communities and Tourism

TIMBERLINE-II

Chair: Mick Womersley, Unity College, Maine

C. Managing the Wild I: Wildlife and Wilderness

TIMBERLINE-III

Chair: Eva Ekehorn, Commonwealth Human Ecology Council, London, UK

D. Evolutionary Perspectives

SUMMIT-II

Chair: Peter J. Richerson, U. C. Davis, Davis, California

E. Maintaining Human Ecological Integrity

JACKSON

Chair: Scott Wright, Utah State University, Salt Lake City

Group Luncheon

12:00 – 1:00 pm

GRAND

SHE-XI Thursday Afternoon

ROOM

Thursday – Second Sessions

1:00 – 2:30 pm

A. Democracy and Participation II: Local Case Studies **TIMBERLINE-I**
Chair: Herman Karl, *U.S. Geological Survey, Menlo Park, California*

B. Household and Community **TIMBERLINE-II**
Chair: Sandra Niessen, *Department of Human Ecology, University of Alberta, Canada*

C. Managing the Wild II: Parks and Recreation **TIMBERLINE-III**
Chair: Eva Ekehorn, *Commonwealth Human Ecology Council, London, UK*

D. Macro-Comparative Perspectives **SUMMIT-II**
Chair: Thomas K. Burns, *University of Utah, Salt Lake City*

E. Family/Education/Adaptation **JACKSON**
Chair: Lia Ruttan

BREAK **2:30 – 3 :00 PM** **MEZZANINE**

Thursday – Third Sessions

3:00 – 4:30 pm

A. Democracy and Participation III: Theory and Methods **TIMBERLINE-I**
Chair: Thomas Gunther, *Office of Water and Science, U.S. Department of the Interior, Washington, D.C.*

B. Environment and Health **TIMBERLINE-II**
Chair: Thomas J. Burns, *University of Utah, Salt Lake City*

C. Managing the Wild III: Working **TIMBERLINE-III**
Chair: Eva Ekehorn, *Commonwealth Human Ecology Council, London, UK*

D. Identity and Self **SUMMIT-II**
Chair: William Throop, *Green Mountain College, Poultney, Vermont*

E. Managing Land and Resources in a Changing Human Milieu **JACKSON**
Chair: Jonathan Taylor, *U.S. Geological Survey, Fort Collins, Colorado*

Thursday – Epilogue: Round Table **4:30 – 5:30 pm** **GRAND**

Can Democracy Survive the 21st Century? All Conference Round Table
What have we learned about Democracy and Sustainability?

Moderators: Rodney Sando, Tom Dietz, Donald Straus, Richard Borden

SHE-XI - Friday Morning -- 10/20

ROOM

Friday – First Sessions

8:00 – 9:30 am

- A. Democracy and Participation IV: Ecosystem Management** **TIMBERLINE-I**
Chair: Thomas C. Meredith, *McGill University, Montreal, Quebec, Canada*
- B. Humans and Other Animals (I)** **TIMBERLINE-II**
Chair: Joanne Vining, *University of Illinois, Urbana*
Discussant: Jonathan Taylor, *U.S. Geological Survey, Fort Collins, Colorado*
- C. Biodiversity** **SUMMIT-II**
Chair: Alpina Begossi, *State University of Campinas, Brazil*
- D. Fisheries and Coasts** **JACKSON**
Chair: Meriel J. Brooks, *Green Mountain College, Vermont*
- E. Sustaining Biological, Cultural, and Economic Systems Through Adaptive Modeling and Management: A U.S. Geological Survey, U.S.A. - Yunnan Province, Peoples Republic of China, Trans-Cultural Project** **TIMBERLINE-II**
Chair: Richard L. Johnson, *U. S. Geological Survey, Fort Collins, Colorado*

BREAK

9:30 – 10:00 AM

MEZZANINE

Friday – Second Sessions

10:00 – 11:30 am

- A. Democracy and Participation V: Experiences in Mexico** **TIMBERLINE-I**
Chair: Thomas C. Meredith, *McGill University, Montreal, Quebec*
- B. Humans and Other Animals (II)** **TIMBERLINE-III**
Chair: Joanne Vining, *University of Illinois, Urbana*
Discussant: Jonathan Taylor, *U.S. Geological Survey, Fort Collins, Colorado*
- C. Water and Development** **SUMMIT-II**
Chair: Rusong Wang, *Chinese Academy of Sciences, Beijing*
- D. Human Ecology Review - Editor's Forum** **JACKSON**
Chair: Linda Kalof, *Editor, HER, George Mason University, Virginia*

SHE-XI Friday Afternoon

ROOM

Friday – Plenary Session

1:00 – 2:30 pm

GRAND

On Ecosystems, Democracy, and America's Public Lands

Robert Keiter, *Professor of Law University of Utah and Wallace Stegner Center for Land, Resources and the Environment*

SHE: Business of the Society

BREAK

2:30 – 3:00 PM

MEZZANINE

Friday – Third Sessions

3:00 – 4:30 pm

A. Democracy and Participation VI: Stakeholder Participation and Resource Management

TIMBERLINE-I

Chair: Seth Tuler, *Social and Environmental Research Institute, Massachusetts*

B. Humans and Other Animals (III)

TIMBERLINE-III

Chair: Joanne Vining, *University of Illinois, Urbana*

Discussant: Jonathan Taylor, *U.S. Geological Survey, Fort Collins, Colorado*

C. Social Construction of Nature (I)

SUMMIT-II

Chair: Linda Kalof, *George Mason University, Virginia*

Discussant: Michael Welsh, *Albright College*

D. Rural/Urban Tensions

JACKSON

Chair: Carol Mladinich, *National Mapping, U.S. Geological Survey, Denver*

Friday – Epilogue

Round Table

4:30 – 5:30 pm

GRAND

Can Democracy Survive the 21st Century?

What have we learned in Day 2 about Democracy and Sustainability?

All-Conference Round Table

Bar-B-Que Dinner

6:30 – 8:00 pm

GRAND

Cash Bar

6:00 – 8:00 pm

SHE-XI – Saturday Morning – 9/21

ROOM

- Saturday – First Sessions** **8:00 – 9:30 am**
- A. Meaning and Interpretations of Nature (I)** **TIMBERLINE-I**
Chair: Joanne Vining, *University of Illinois, Urbana*
- B. Sustainability I: Theory** **TIMBERLINE-III**
Chair: Peter J. Richerson, *UC Davis, California*
- C. Social Construction of Nature (II)** **SUMMIT-II**
Chair: Linda Kalof, *George Mason University, Virginia*
Discussant: Michael Welsh, *Albright College*
- D. Transactional Social Support and the Ecology of Community Change** **JACKSON**
Chair: Robert Boger, *Michigan State University, East Lansing*
- E. International Forum: How SHE Can Play a More International Role in Communication, Education and Consultation.** **TIMBERLINE-II**
ROUND TABLE
Moderators: Rich Borden, *College of the Atlantic, Bar Harbor, Maine*
Rusong Wang, *Center for Eco-Environmental Sciences; Chinese Academy of Sciences*

BREAK **9:30 – 10:00** **MEZZANINE**

- Saturday – Second Sessions** **10:00 – 11:30 am**
- A. Meaning and Interpretations of Nature (II)** **TIMBERLINE-I**
Chair: Joanne Vining, *University of Illinois, Urbana*
- B. Sustainability II: Theory and Case Studies** **TIMBERLINE-III**
Chair: Peter J. Richerson, *UC Davis, California*
- C. Social Construction of Nature (III)** **SUMMIT-II**
Chair: Linda Kalof, *George Mason University, Virginia*
Discussant: Michael Welsh, *Albright College*
- D. Building Wilderness: The Integration of Humans into a Non-human World (I)** **JACKSON**
Chair: John Anderson, *College of the Atlantic, Bar Harbor, Maine*
- E. Modeling and Planning for Population Change in the Greater Yellowstone Ecosystem** **TIMBERLINE-II**
Chair: Jerry Johnson, *Montana State University, Bozeman*

SHE-XI Saturday Afternoon

ROOM

Saturday – Plenary Session

1:00 – 2:30 pm

GRAND

Post-'modernism' and Ecosystem Management

Bonnie McCay, *Human Ecology, Rutgers Univ., New Jersey*

SHE: Business of the Society

BREAK

2:30 – 3:00

MEZZANINE

Saturday – Third Sessions

3:00 – 4:30 pm

A. Meaning and Interpretations of Nature (III)

Chair: Joanne Vining, *University of Illinois, Urbana*

TIMBERLINE-I

B. Sustainability III: Craft and the Global Economy

Chair: Sandra Niessen, *University of Alberta, Canada*

TIMBERLINE-II

C. Networking among Practitioners in Adaptive Management: Round Table

Chair: Steven P. Gloss, *University of Wyoming, Laramie*

TIMBERLINE-III

D. Building Wilderness: The Integration of Humans into a Non-human World (I)

Round Table

Chair: John Anderson, *College of the Atlantic, Bar Harbor, Maine*

JACKSON

Saturday – Epilogue Round Table

4:30 – 5:30 pm

GRAND

Can Democracy Survive the 21st Century?

What have we learned in SHE-XI about Democracy and Sustainability?

All Conference Round Table

SHE-XI – Sunday – Oct. 22

Field Trips

9:00 – 12:00 noon

Grand Teton National Park

National Elk Refuge

Bridger Teton National Forest

SHE-XI – Friday – Second Sessions

10:00 – 11:30 AM

A. Democracy and Participation V: Experiences in Mexico

TIMBERLINE-I

Chair: Thom Meredith, *McGill University, Montreal, Quebec*

1. **Democratic Public Policy and Sustainable Development: A Study of Two NAFTA-related Border Institutions**
Pamela M. Doughman, *Department of Government and Politics, The University of Maryland*
2. **Setting Environmental Priorities: A Learning Process Between Environmental Managers and Public**
Eric J. Castañares Maddox, *Departamento de Ecología Humana, CINVESTAV - Unidad Mérida, Mexico*
3. **Cross-cultural participation in Sustainable Development: Canadian Academic Involvement with Mexican ENGOS**
Thomas C. Meredith, & Gisela Frias, *Department of Geography, McGill University, Montreal, Quebec*

B. Humans and Other Animals II

TIMBERLINE-III

Chair: Joanne Vining, *University of Illinois, Urbana-Champaign*

Discussant: Jonathan Taylor, *U.S. Geological Survey, Fort Collins, Colorado*

1. **Eating as Environmental (In)Action: The Relationship Between Food Animals, Animals in the Wild, and Us**
Barbara McDonald, *USDA Forest Service*
2. **Aspects of Animals in Human Lives Extracted Via Qualitative Analyses of Four Data Sources**
Joanne Vining & Joy Scrogum, *Department of Natural Resources and Environmental Sciences, University of Illinois, Urbana-Champaign*
3. **Catch and Release Fishing: A European Perspective**
Carol E. Thailing, *Department of Wildlife and Fisheries Sciences, Texas A & M University*; Oystein Aas, *Norwegian Institute for Nature Research*, Robert B. & Ditton, *Department of Wildlife and Fisheries Science, Texas A & M University*
4. **The Role of Human Values and Attitudes in Managing Deer: The Case of Cuyahoga Valley National Recreation Area**
Erin M. Dougherty, *Minnesota Cooperative Fish and Wildlife Research Unit, University of Minnesota* & David C. Fulton, *U.S. Geological Survey; Minnesota Cooperative Fish and Wildlife Research Unit, University of Minnesota*

C. Water and Development

SUMMIT-II

Chair: Rusong Wang, *Chinese Academy of Sciences, Beijing*

1. **Bio-Monitoring for Pollution Control: A Case Study of River Yamuna, Delhi, India**
Jag Mohan, *Department of Geography, Shivaji College, University of Delhi, India*
2. **Bounding the Drought: A Case of India**
Renu Sharma, *Independent Scholar, India*
3. **Water Security and Social Sustainability Under the Human Ecological Stress in China**
Rusong Wang, *Research Center for Eco-Environmental Sciences; Chinese Academy of Sciences, Beijing*
4. **Bridging the Physical and Social Environments of U.S. Water Projects**
Robert B. Snyder, *York University*; Jeffrey J. Brooks & John P. Titre, *Colorado State University, Fort Collins*

D. Human Ecology Review - Editor's Forum

JACKSON

Linda Kalof, Editor, HER, *Department of Sociology, George Mason University, Virginia*
All interested SHE-XI attendees are welcome

Friday – Plenary Session

GRAND

1:00 – 2:30 PM

On Ecosystems, Democracy, and America's Public Lands.

Robert Keiter, *Professor of Law University of Utah and Wallace Stegner Center
for Land, Resources and the Environment*

SHE: Business of the Society

SHE-XI Friday Third Sessions

3:00 – 4:30 PM

A. Democracy and Participation VI: Stakeholder Participation and Resource Management

Chair: Seth Tuler, *Social and Environmental Research Institute, Massachusetts*

TIMBERLINE-I

1. **Public Participation-Related Beliefs: Explaining Differences**
Kathy E. Halvorsen, *Department of Social Science, School of Forestry and Wood Products, Michigan Technological University*
2. **Lay vs. Modeler Expectations of a Good Computer-based Planning Tool for Local Land Use Management**
Seth Tuler, *Social and Environmental Research Institute, Massachusetts*; Thomas Dietz, *Department of Sociology, George Mason University, Virginia*; Thomas Webler, *Social and Environmental Research Institute, Massachusetts*; *Antioch New England Graduate School, New Hampshire*; & Jasmine Tanguay, *Department of Geography, Clark University, Massachusetts*
3. **Comparison of Participants and Practitioner: Researchers' Concepts of Success in the Evaluation of Environmental Conflict Resolution Processes**
Deborah Paulson, *Department of Geography and Recreation, University of Wyoming*; Lisa Archer, Elisabeth Bartlett, Wilson Brown, Robert Hitchcock, Donna Miller, and Dannele Peck

B. Humans and Other Animals III

TIMBERLINE-III

Chair: Joanne Vining, *University of Illinois, Urbana-Champaign*

Discussant: Jonathan Taylor, *U.S. Geological Survey, Fort Collins, Colorado*

1. Problem-Bears in Communities: Strategies to Reduce Conflict

John D. Peine, *Southern Appalachian Field Lab., U.S. Geological Survey; The University of Tennessee, Knoxville*

2. Reconstructing Ecosystems: Native Participation in Wood Bison Recovery

C. Cormack Gates, *University of Calgary, Alberta, Canada*

3. Bambi, Babe, and Free Willy: Animal Rights and the Post-Modern Meaning of Animals

Robert M. Muth, *Department of Natural Resources Conservation, University of Massachusetts & Wesley V. Jamison*, *Department of Interdisciplinary and Global Studies, Worcester Polytechnic Institute, Massachusetts*

4. Visitor Attitudes About Deer and Deer-Human Interactions in Shenandoah National Park

Karen Hocket

C. Social Construction of Nature I

SUMMIT-II

Chair: Linda Kalof, *Dept. of Sociology, George Mason University, Virginia*

Discussant: Michael Welsh, *Political Science/Environmental Studies, Albright College*

1. Are Nonhuman Animals Moral?

Beth Dixon, *Department of Philosophy, SUNY*

2. Game Animals

Charles J. List, *Department of Philosophy, SUNY*

3. Reading Animals

Linda Kalof, *Department of Sociology, George Mason University, Virginia & Paige Tucker*, *Environmental Science and Public Policy, George Mason University, Virginia*

D. Rural/Urban Tensions

JACKSON

Chair: Carol S. Mladinich, *U.S. Geological Survey, Denver, Colorado*

1. Time to Rethink the Rural and Urban Dilemma

Gösta Carlestam, *University College of Gävle, Sweden*

2. Environmental Implication of Urban Development: Case Study of Manali Planning Area, Kullu Valley, HP, India

Dushyant Mishra, *Department of Geography, Delhi School of Economics, Delhi University, India*

3. Are Rural Ecosystems of Bangladesh in a Transition?

Dihider Shahriar, *School of Environmental Science & Management, Independent University, Bangladesh*

4. The Clash of the Titans - Balancing the Physical and Human-Induced Environment for Urban Growth

Carol S. Mladinich, *U.S. Geological Survey, Rocky Mountain Mapping Center, Denver, Colorado*

SHE-XI - Friday – Epilogue

GRAND

4:30 – 5:30 PM

**Can Democracy Survive the 21st Century?
What have we Learned about Democracy and Sustainability?**

All-Conference Round Table

Moderators: Rodney Sando, Tom Dietz, Donald B. Straus, Richard J. Borden

Friday Evening

Bar-B-Que Dinner

6:30 – 8:00 PM

Cash Bar

6:00 – 8:00 PM

GRAND

SHE-XI - Saturday - First Sessions

8:00 – 9:30 AM

A. Meaning and Interpretations of Nature I

TIMBERLINE-I

Chair: Joanne Vining, *University of Illinois, Urbana-Champaign*

- 1. The Meaning and Management of Nature: Constructing and Contesting 'Place' in Post-Utilitarian Forestry**
Daniel R. Williams, *USDA Forest Service, Rocky Mountain Research Station, Colorado*
- 2. Managing Tensions Between Human Wants and Ecosystem Needs: Using Citizens' Senses of Selves-in-Place for Adaptive Management**
James G. Cantrill, *Communication Studies, Northern Michigan University* & Susan L. Senecah, *Environmental Studies, SUNY - Environmental Science and Forestry*
- 3. Community Comparison of Residents' Special Places on Public Lands in Utah**
Dale J. Blahna, *Utah State University, Department of Forest Resources, Logan* & Jonathan G. Taylor, *U.S. Geological Survey, Fort Collins, Colorado*

B. Sustainability I: Theory

TIMBERLINE-III

Chair: Peter J. Richerson, *Univeristy of California - Davis*

- 1. Civil Society for the Commons**
Tom Lough, & Elaine Wellin, *Sonoma State University, California*
- 2. Sustainable Development - All Nice Things Put Together May Not Work?**
N. C. Narayanan, *Institute of Social Studies, The Hague, The Netherlands*
- 3. Transdisciplinarity for the Human Adaptation to Complex Changes**
Hans Egnéus, & Karl Bruckmeier *Human Ecology Section, Göteborg University, Sweden*
- 4. Social Capital and Sustainability: The Role of Trust, Association, and Social Networks in Sustainable Development**
Frank Turina, *Graduate School of Public Affairs, University of Colorado, Boulder*

C. Social Construction of Nature II

SUMMIT-II

Chair: Linda Kalof, *Sociology, George Mason University, Virginia*

Discussant: Michael Welsh, *Political Science/Environmental Studies, Albright College*

1. **How Does Nature Speak to our Concern? The Case of Montana's Rocky Mountain Front**
Scott Friskics, *Augusta, Montana*
2. **Descriptions of an Ideal Environment**
Susan Clayton, *Department of Psychology, The College of Wooster, Massachusetts*
3. **Who Has Access to Nature and Why? Race Matters in Managing Symbolic Landscapes**
Myron Floyd, *Texas A & M University*
4. **African American Land Memories**
Cassandra Y. Johnson, J. M. Bowker, H. K. Cordell, *USDA Forest Service*

D. Transactional Social Support and the Ecology of Community Change

JACKSON

Chair: Robert Boger, *Michigan State University, East Lansing*

1. **Enabling Transactional Social Support Within Ecologically Impacted Human Systems**
Robert P. Boger, *Michigan State University*
2. **Parents Organizing Positive Parenting: A Social Support Model in Cyber-Space**
Heather Lewis, *Michigan State University*
3. **The Development of Individual Social Capital, Linking Social Support and Social Capital**
Julie Haddow, *Michigan State University*
4. **On the Saturday Morning Soccer Field: A Habermasian Perspective on the British Columbia Commission on Resource and Environment**
Justin Longo, *University of Victoria, British Columbia, Canada*
5. **A Question of Value: A Social Capital and Community-Based Resource Management Literature Review**
Donovan Woollard, *Simon Fraser University; Sustainable Development and Research Institute, British Columbia, Canada*

E. International Forum: How SHE Can Play a More International Role in Communication, Education and Consultation -- A Round Table

TIMBERLINE-II

Chairs: Rich Borden, *College of the Atlantic, Bar Harbor, Maine &*

Rusong Wang, *Chinese Academy of Sciences, Beijing*

Participants:

Eva Ekehorn, *Commonwealth Human Ecology Council, London, UK*

Luc Hens, *Free University of Brussels, Belgium*

Brendan Hill, *Centre for Human Ecology, Edinburgh, UK*

The ideas of human ecology are well established throughout the world. Its broad mandate has led to a rich array of academic programs, research initiatives, and far-reaching practical approaches. SHE meetings always have a dedicated session for international participants to introduce new programs, to share ideas, and to organize international exchanges and activities. In order to strengthen the global network of human ecologists, we encourage all international visitors to SHE-XI to join in this forum.

SHE-XI - Saturday - Second Sessions

10:00 – 11:30 AM

A. Meaning and Interpretations of Nature II

TIMBERLINE-I

Chair: Joanne Vining, *University of Illinois, Urbana*

1. **Cosmologies, Ancient, Old and New and their Relationship to Environmental Ethics: Can the Human - Nature Paradigm be Shifted?**
Robin van Tine, *Saint Leo University -- Tidewater Center, Virginia*
2. **Do They Want to Learn? Investigating the Recreation Preferences and Motivations of Visitors at Developed Nature-Based Recreation Sites**
Christine Denny, & Taylor V. Stein, *School of Forest Resources and Conservation, University of Florida*
3. **The Cross-Cultural Issue in Policy-Making and Management Strategies Involving Symbolic Plant Species in the Amazon Natives' Territories**
Sergio Cristancho, *Department of Natural Resources and Environmental Sciences, University of Illinois*
4. **A Cross-Cultural Strategy of Instruction for Negotiating Meanings About Natural Environments**
Sharon Cartwright, *Oregon State University Extension Service*

B. Sustainability II: Theory and Case Studies

TIMBERLINE-III

Chair: Peter J. Richerson, *Univeristy of California - Davis*

1. **Canada's Pursuit of Sustainable Development: The Struggle up a Steep Learning Curve**
David Dougherty, *Sustainable Development and Environmental Management Consulting and Audit, Canada*
2. **People, Landscape, and Economy: A Model of Community Sustainability**
Davis Taylor, *College of the Atlantic, Bar Harbor, Maine*
3. **A Case Study of Sustainable Development of Some Villages in Uttar Pradesh**
Ramendra Singh, *CSJM Kanpur University, India*
4. **Sustainable Development: A Conceptual Model**
Ajai Shukla, *Centre for Modelling, Environment and Development (C-Mend), Meadows International*

C. Social Construction of Nature III

SUMMIT-II

Chair: Linda Kalof, *George Mason University, Virginia*

Discussant: Michael Welsh, *Political Science/Environmental Studies, Albright College*

1. **Von Humboldt, Thoreau, and Ecocriticism**
Hans Bergmann, *Department of English, George Mason University, Virginia*
2. **Real Animals?**
Ralph R. Acampora, *Hofstra University, U.S.*
3. **On Literary Theory and Ecological Theory**
Vernon Gras, *George Mason University, Virginia*

D. Building Wilderness: The Integration of Humans into a Non-human World I

JACKSON

Chair: John Anderson, *College of the Atlantic, Bar Harbor, Maine*

1. **Building Wilderness: Overview**
John Anderson, *College of the Atlantic, Bar Harbor, Maine*
2. **Out of the Garden: Wilderness as an alternative to managed intervention**
Kenneth Cline, *College of the Atlantic, Bar Harbor, Maine*
3. **Resilience and Livelihood in the Atlantic Forest Coast and in the Amazon**
Alpina Begossi, *NEPAM - Center of Environmental Studies and Research; UNICAMP - State University of Campinas, Brazil*
4. **Wilderness Conservation through Design in the National Parks**
Isabel Mancinelli, *College of the Atlantic, Bar Harbor, Maine*

E. Modeling and Planning for Population Change in the Greater Yellowstone Ecosystem

Chair: Jerry Johnson, *Department of Political Science, Montana State University, Bozeman*

TIMBERLINE-II

1. **Regional trends and drivers of land use change in the GYE**
Richard J. Aspinall, *Geographic Information and Analysis Center, Department of Earth Sciences, Montana State University, Bozeman*
2. **Integrating Human and Ecological Measures for Rural Land Use Change**
Jerry Johnson, *Department of Political Science, Montana State University & Maxwell, Bruce Land Resources and Environmental Science, Montana State University*
3. **Does Adaptive Management Have Potential to Resolve Issues in the Greater Yellowstone?**
Steven P. Gloss, *Institute & School of Environment and Natural Resources, University of Wyoming*;
Stephen S. Light, & Kristen L. Blann, *Institute for Agriculture and Trade Policy, Minnesota, Minneapolis*
4. **Temporal Influences of Human Development on Landscape Pattern and Animal Habitat in Teton County, Wyoming**
Raymond D. Watts, *U.S. Geological Survey/CIRA, Foothills Research Campus, Colorado State University, Fort Collins*; Douglas Ouren, *U.S. Geological Survey, Forest Services Laboratory, Montana State University, Bozeman*; Mark Drummond, & Roger Compton, *U.S. Geological Survey, Colorado, Denver*; & Scott Lieske, *Department of Geography and Recreation, University of Wyoming, Laramie*

Saturday – Plenary Session

1:00 – 2:30 PM

GRAND

Post-'modernism' and Ecosystem Management,
Bonnie McCay, *Human Ecology, Rutgers Univ., New Jersey*
SHE: Business of the Society

SHE-XI - Saturday - Third Sessions

3:00 – 4:30 PM

A. Meaning and Interpretations of Nature III

TIMBERLINE-I

Chair: Joanne Vining, *University of Illinois, Urbana*

1. **Nature and Risk: Cross-cultural Interpretations and Applications**
Tom Gallagher, *Oregon State University Extension Service*
2. **Qualitative and Quantitative Approaches to Integrating Rural Stakeholders' Values into Nature-based Recreation Management on Public Lands**
Julie K. Pennington, Taylor V. & Stein, *School of Forest Resources and Conservation, University of Florida*
3. **Landowner Perceptions of Ecosystem Health in Upper Great Lakes States Riparian Landscapes**
Thomas E. Fish, *U.S. Department of Commerce, NOAA Coastal Services Center, South Carolina*;
Dorothy H. Anderson, *Department of Forest Resources, University of Minnesota*; & Pamela J. Jakes,
USDA Forest Service, North Central Research Station, Minnesota

B. Sustainability III: Craft Case Studies

TIMBERLINE-II

Chair: Sandra Niessen, *University of Alberta, Canada*

1. **Tragedy of the Commons? A Consideration of the Sustainability of Natural Dyes and Dyeing in San Juan LaLaguna, Guatemala**
Caroline Davis, *Department of Human Ecology, University of Alberta, Canada*
2. **Lives behind Naturally Dyed Textile**
Heloisa S. Modesto, *Department of Human Ecology, University of Alberta, Canada*

C. Networking among Practitioners in Adaptive Management:

TIMBERLINE-III

A ROUND TABLE

Chair: Steven P. Gloss, *University of Wyoming, Laramie*

Panelists:

Rodney Sando, *Idaho Department of Fish and Game*
Steve Light, *Institute for Agriculture and Trade Policy*
Kent Loftin, *Watershed Programs, Earth-Tech, Inc.*
Jan Sendzimir, *International Institute of Applied Systems Analysis - IIASA*
Michael Fainter, *Ecosystem Restoration Program, CALFED*

Adaptive Environmental Assessment and Management (AEAM) has been a tool for natural resources management over 20 years, first in theory and more recently as a widely practiced approach to large scale resource management issues. There is a clear need to leverage such experience from regional experiments in adaptive management through a network of practitioners. This panel presents an overview of the activities and purposes of a recently created Adaptive Management Network. Individual panel members active in ongoing adaptive management endeavors from a range of geographic and institutional perspectives will address questions aimed at identifying key features and lessons learned through implementation of adaptive management.

D. Building Wilderness: The Integration of Humans into a Non-human World II JACKSON
Round Table

Chair: John Anderson, *College of the Atlantic, Bar Harbor, Maine*

1. Stalking the Wild Prometheus: The role of wilderness in technological society

John Visvader, *College of the Atlantic, Bar Harbor, Maine*

2. Which Wilderness Should We Preserve?

William Throop, *Arts and Natural Sciences, Green Mountain College, Vermont*

This round-table discussion will focus on the philosophical and practical implications of increasing human pressure on the non-human dominated landscape. We hope to explore by example both the impact of humans on "wilderness" areas and the "restoration" or "recovery" of wilderness through changes in land-use practices. We will also discuss the utility of wilderness from aesthetic and economic standpoints and re-examine the philosophical construct of both human and wilderness settings. The session will begin with a series of short presentations from a number of disciplinary perspectives (ecology, philosophy, public policy, etc) and then open up for a moderated discussion of key issues. Important points that will be addressed include the role of science in landscape decisions, the strengths and limitations of democratic decision making, etc.

SHE-XI - Saturday - Epilogue

4:30 – 5:30 PM

Can Democracy Survive the 21st Century?

What have we learned about Democracy and Sustainability?

All Conference Round Table

Moderators

Rodney Sando, *Idaho Department of Fish and Game*

Tom Dietz, *George Mason University, Virginia*

Donald B. Straus, *College of the Atlantic, Bar Harbor, Maine*

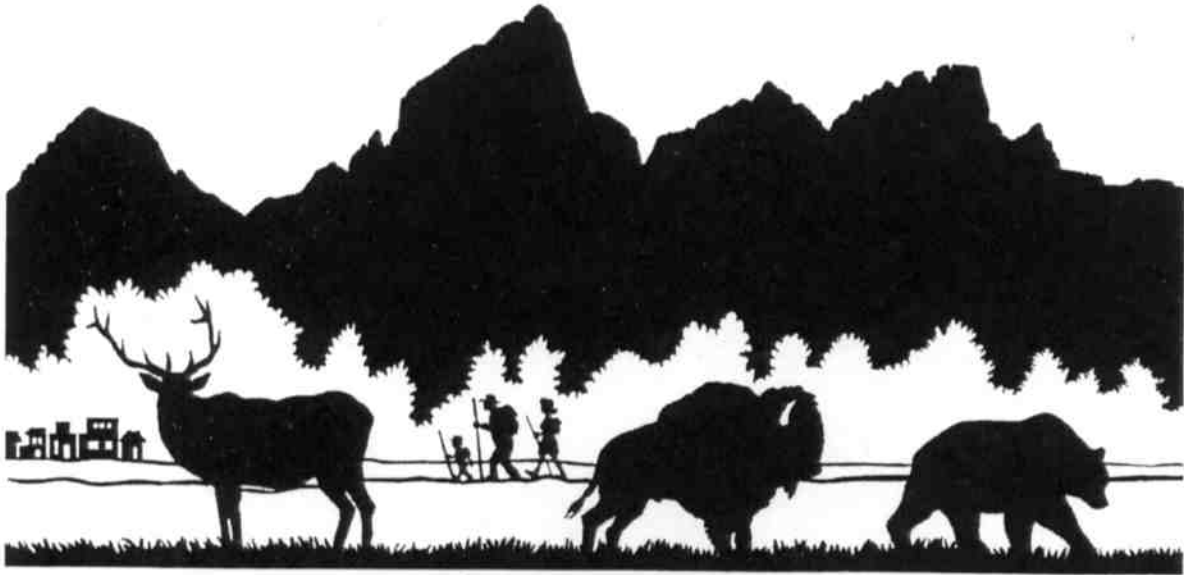
Richard J. Borden, *College of the Atlantic, Bar Harbor, Maine*

SHE-XI – Sunday – Oct. 22

Field Trips

9:00 – 12:00 noon

Grand Teton National Park;
National Elk Refuge;
Bridger Teton National Forest



DEMOCRACY AND SUSTAINABILITY