



XVI International Conference

Society for Human Ecology

“Integrative Thinking for Complex Futures:
Creating Resilience in Human-Nature Systems”

Bellingham, Washington
September 10-13, 2008



Hosted by



Bruce Shepard
President

516 High Street
Bellingham, Washington 98225
(360) 650-3480 □ Fax (360) 650-6141

September 10, 2008

To Members of the Society for Human Ecology:

I am delighted to welcome you to Western Washington University. Western is pleased to host your XVI International Conference and we wish you success in exploring the fascinating topic of "Integrative thinking for complex futures." You have chosen an excellent venue where the physical beauty of our campus and surrounding area will provide rich opportunities for fruitful exploration.

Welcome to Western and enjoy your visit.

Sincerely,



Bruce Shepard
President

Huxley College of the Environment

516 High Street
Bellingham, Washington 98225-9079
(360) 650-3520 □ Fax (360) 650-2842

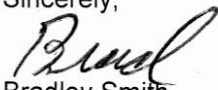
September 10, 2008

Greetings attendees of the XVI International Conference of the Society for Human Ecology,

Huxley College of the Environment, a unit within Western Washington University, is proud to help host your meeting here by the waters and mountains of northwest Washington State. Huxley College has a long history of research, teaching and practice in human ecology and allied fields of study. Our College's Departments and Institutes join you in the spirit of "Integrative Thinking for Complex Futures: Creating Resilience in Human-Nature Systems."

Let me extend my best wishes for a productive and inspiring conference.

Sincerely,



Bradley Smith
Professor and Dean

Conference notes

Most sessions are in the Viking Union (abbreviated "VU" in the program), including most keynote talks and dining in the large VU 605 room, also known as the "multi-purpose room."

All session organizers and moderators are urged to prepare the room before the start time, to begin on time, and to monitor discussion carefully. When another session follows soon after, please turn the room over to the next chairperson to allow for cueing up electronic files and re-arranging seating.

The program includes a series of roundtable discussions on topics suggested and/or organized by conference participants. The purpose is to provide open forums for raising questions, exchanging ideas, and discussing issues or plans. The names of a few participants appear under these in the program; hopefully they will draw in others and help facilitate the discussion. In addition to designated topics, there are a number of "undesigned roundtable" slots, as shown in the program, to allow for spontaneous groups to discuss themes of interest. If you want to reserve a room in which to hold a discussion of open to interested attendees, sign up at the registration table.

Food provided includes: the opening night reception (light fare, wine & non-alcoholic beverages); lunches Thursday, Friday and Saturday; Thursday banquet dinner; light fare at the Friday awards reception; and coffee breaks. Seating at the banquet dinner is limited to full-pay registrants or others who paid in advance. Food on and near campus is limited, but there is frequent bus service to areas with restaurants, as shown in the SHE Conference Restaurant Guide.

Conference Co-Sponsors

US Forest Service and USFS Pacific Northwest Research Station
Huxley College of the Environment, Western Washington University
College of the Atlantic

Huxley College (WWU) Environmental Education Fund

German Society for Human Ecology

Center for Environmental Research, Education and Outreach at Washington State University



HUXLEY
COLLEGE OF THE ENVIRONMENT



Society for Human Ecology (SHE) XVI International Conference
***“Integrative Thinking for Complex Futures:
Creating Resilience in Human-Nature Systems”***

Program Overview

Wednesday - September 10

- 3:00 PM- 7:00 PM** **Registration** - VU 605 foyer
4:30 - 5:30 **Reception and Wine** - VU 605
5:30 - 6:00 **Welcoming Events** - VU 605
6:00 - 7:30 **Keynote:** Jill Belsky, University of Montana - *“Reflections on Conservation Education in Bhutan and Beyond”* - VU 605
7:30 - **Dinner parties in town** - See SHE Bellingham Dining Guide

Thursday - September 11

- 8:00 AM - 5:00 PM** **Registration** - VU 605 foyer
- 8:00 - 9:30** **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**
- Disasters and Resilience Communities - VU 565A
Sustainability Curricula: Knowledge, Skills, and Experiential Learning - VU 552
Structural Human Ecology - VU 565C
Social Marketing: Applied Research, Action Research and Systemic Change. An Interactive Symposium - VU 567
Undesignated Roundtable (sign up for rooms at registration desk) - VU 565B
- 9:30 - 10:00** **Coffee Break**
- 10:00 -11:00** **Keynote Address:** Peter Kahn, University of Washington *“Technological Nature: Adaptation and the Future of Human Life”* - VU 605
- 11:00 -12:30** **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**
- Technological Nature Roundtable - VU 567
Pharmaceuticals in the Environment - VU 565 C
Ecology of Wisdom: The Deep Long-Range Ecology Movement Revisited - VU 565 A
Urban Pasts and Urban Futures for Human Ecology - VU 565B
Communities on Coasts: Tracking Socio-Ecological Resilience - VU 552
- 11:30 -1:00** **Lunch**
- 1:00 - 2:00** **Keynote Address:** Victoria Sturtevant, Southern Oregon University - *“Social Transformations of Forest-based Communities in the Pacific Northwest”* - VU 605
- 2:00 - 2:30** **Coffee Break**

2:30 - 4:00 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

Warfare Ecology: An Introduction and Dialogue on the Contribution of Human Ecology - VU 565 C
A Renaissance of Natural History in Human Ecology: An Interactive Symposium - VU 567
Social Change and Resilience in Amenity Migration Communities I - VU 552
Shades of Green: Implications of Human Diversity for Environmental Education and Advocacy - VU 565A
Resource Dependency and Socio-ecological Resilience: Forest and Biodiversity Cases - VU 565B

4:15 - 5:45 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

Resilient Roads to Management: Processes and Challenges - VU 552
Relations with Wildness in Nature - VU 565A
Ethics and Justice - VU 565B
Going Green Does A Body Good: Transdisciplinary Approaches to Defining Relationships Between Ecosystem Services and Human Health & Well-Being - VU 567

6:00 - 7:30 **Welcome from WWU President Bruce Shepard - VU 605**
Northwest Harvest Dinner

7:15 **Lummi Nation Welcome and Keynote: Darrell Hillaire and Family**

Friday - September 12

8:00 AM - 5:00 PM **Registration** - Viking Union 5th floor foyer

8:00 - 9:30 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

New Directions in Interdisciplinary and International Education I - VU 567
Social Change and Resilience in Amenity Migration Communities II - VU 552
Issues and Advances in Human Ecology Theory - VU 565C
Undesignated Roundtables (sign up for rooms at registration desk) - VU 565A and 565B

9:30 -10:00 **Coffee Break** - VU 5th floor foyer

10:00 -11:00 **Keynote Address:** John B. Robinson *“Being Undisciplined On and Off Campus: Issue-based Interdisciplinarity and the Center for Interactive Research on Sustainability”* - VU 605

11:00 -12:30 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

New Directions in Interdisciplinary and International Education II - VU 567
Cultural Dimensions of Climate Change I - VU 565C
Cognition, Choice and Ecological Action - VU 565A
Use of Various Ecological Systems and Populations to Validate the Importance of Developing Emotional Intelligence to Reach Emotional Maturity - VU 565B
Adaptation and Resilience Across Scales in Sustainable Building - VU 552

12:00 -1:30 **Lunch -- Boxed lunches, VU 5th floor foyer, rooms or outdoors available for eating**

12:00-1:30 Lunchtime Roundtable on Teaching Conservation Psychology - VU 464

1:00 – 3:30 Explorations and Innovations in Sustainable Business Development - VU 565B

1:30 - 3:30 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

New Directions in Interdisciplinary and International Education III - VU 567
Cultural Dimensions of Climate Change II - VU 565C
Conservation Psychology Roundtable - VU 565A
The Human Ecosystem Model: Introduction and Applications Interactive Workshop - VU 552

3:30 - 4:00 **Coffee Break** - VU 5th floor foyer

4:00 - 5:30 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

New Directions in Interdisciplinary and International Education IV: Roundtable - VU 567
Cultural Dimensions of Climate Change III - VU 565C
Building Local Sustainable Business Networks Roundtable - VU 565B
Designing for the Biodiversity of Human Experience: A Conversation Between (and with) a Research Lab and Professional Design Firm - VU 565A
Human Ecology of Water Management - VU 552

5:30 - 6:30 **Reception and Awards** - VU 605

6:30 - 7:30 **Keynote Address:** Dave Foreman, The Rewilding Institute, "*Rewilding North America*"
- Arntzen Hall 100 (Open to the public)

7:30 - **Dinner parties in town**

Saturday - September 13

8:30 - 10:00 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

Community Food Security and Revaluing Agriculture: Towards a Resilient Culture of Food - VU 552
Conservation Psychology: Ecological Experience - VU 565A
Literature, Myth and Theatre in Human Ecology - VU 565C
Undesignated Roundtables (sign up for rooms at registration desk) - VU 565B & 567

10:00 -10:30 **Coffee Break** - VU 605

10:30 -12:00 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

Ecology in Thought and Action - VU 565A
Regulation and Socio-Ecological System Response - VU 565B
Undesignated Roundtables (sign up for rooms at registration desk) - VU 552, 565C and 567

11:30 -1:00 **Lunch** - VU 605

1:00 - 2:30 **SHE Business Meeting** - VU 552

Jill M. Belsky is Professor of Rural and Environmental Social Science and Director of the Bolle Center for People and Forests at The University of Montana. She received her Ph.D from Cornell University in Development Sociology with an emphasis in Natural Resource and Agricultural Sociology. Dr. Belsky has worked over the past 20 years as a teacher, researcher and consultant in Asia, Central America and the Rocky Mountain region of the United States. The common theme that unites her work around the world is a focus on sustainable livelihoods and the multiple social and ecological forces that influence them. Her current projects involve assisting with the development of an integrative conservation educational program for a new environmental studies and forestry institute in Bhutan, and participatory research with local watershed groups in Western Montana on community participation in landscape level conservation and responding to corporate timber divestment and forest ownership change. The title of her talk is "Reflections on Integrative Conservation Education in Bhutan and Beyond."



Dave Foreman has worked as a wilderness conservationist since 1971. From 1973 to 1980, he worked for The Wilderness Society as Southwest Regional Representative in New Mexico and as Director of Wilderness Affairs in Washington, DC. He was a member of the board of trustees for the New Mexico Chapter of The Nature Conservancy from 1976 to 1980. From 1982 to 1988, he was editor of the *Earth First! Journal*. Foreman is a founder of The Wildlands Project and was its Chairman from 1991-2003 and executive editor or publisher of Wild Earth from 1991-2003. He is now the Executive Director and Senior Fellow of The Rewilding Institute, a conservation "think tank" advancing ideas of continental conservation. Dave speaks widely on conservation issues and is author of *The Lobo Outback Funeral Home* (a novel), *Confessions of an Eco-Warrior*, and *The Big Outside* (with Howie Wolke). His new book, *Rewilding North America*, was published in 2004. He writes a biweekly Internet column "Around the Campfire." He received the 1996 Paul Petzoldt Award for Excellence in Wilderness Education and was named by *Audubon Magazine* in 1998 as one of the 100 Champions of Conservation of the 20th Century. For more information see www.rewilding.org. Dave will speak on "Rewilding North America." As a service from SHE and WWU, Dave Foreman has agreed to invite the public to his talk.



Peter H. Kahn, Jr. is Associate Professor in the Department of Psychology and Director of the Human Interaction with Nature and Technological Systems Laboratory at the University of Washington. He received his Ph.D. from the University of California, Berkeley in 1988. His books include *The Human Relationship with Nature: Development and Culture* (MIT Press, 1999) and *Children and Nature: Psychological, Sociocultural, and Evolutionary Investigations* (MIT Press, 2002, edited with Stephen Kellert). His publications have appeared in such journals as *Child Development*, *Developmental Psychology*, *Journal of Environmental Psychology*, *Journal of Systems Software*, and *Human-Computer Interaction*. His research projects are currently funded by The National Science Foundation (<http://faculty.washington.edu/pkahn/>). The title of his talk is "Technological Nature: Adaptation and the Future of Human Life."



John Robinson is a professor with the Institute for Resources, Environment, and Sustainability, and the Department of Geography, at the University of British Columbia. He is currently directing research programs looking at the intersection of climate change mitigation, adaptation and sustainability; the use of visualization, modeling and citizen engagement to explore sustainable futures; sustainable buildings and urban design; creating private/public/NGO and research sector partnerships for sustainability; and generally the intersection of sustainability, social and technological change, behaviour change, and community engagement processes. His major current project is trying to get the Centre for Interactive Research on Sustainability (CIRS) built and operating. Dr. Robinson is a member of the BC Climate Action Team, the BC Hydro External Advisory Committee on Electricity Conservation and Efficiency, and the Vancouver Climate Leadership Council, on the Board of the Sustainable Cities Foundation and the Pembina Institute, a member of the Steering Group of HELIO International, and on the Editorial Boards of the journals *Integrated Assessment*, *Ecology and Society*, *Building Research and Information*, and the *Journal of Industrial Ecology*. He has been a Lead Author in the last three reports of the Intergovernmental Panel on Climate Change. The title of his talk is “Being Undisciplined On and Off Campus: Issue-Based Interdisciplinarity and the Centre for Interactive Research on Sustainability (CIRS).”



Victoria Sturtevant has taught sociology and environmental studies at Southern Oregon University since 1980. She received her Ph.D from Cornell University in Development Sociology and studies social dimensions of forest management, particularly community involvement in social assessment, ecological monitoring, wildfire planning and collaborative stewardship. Currently she works with regional groups such as the Southern Oregon Small Diameter Collaborative, the Alliance of Forest Workers and Harvesters, and the Applegate Partnership; she sits on the board of Resource Innovation Group. In the 1990’s she participated in two large ecosystem assessments, Forest Ecosystem Management Assessment Team (FEMAT) and Sierra Nevada Ecosystem Project (SNEP), examining community capacity to adapt to new federal forest policies. She has contributed to various workshops, GTRs and books on collaboration, community assessment and wildfire planning; co-edited a book, *Forest Community Connections*; and published articles in *Society and Natural Resources*, *Journal of Forestry* and *Journal of Community Development*. The title of her talk is “Social Transformations of Forest-based Communities in the Pacific Northwest.”



Special Event: A Welcome from Darrell Hillaire and the Lummi Nation.

In conjunction with the Thursday evening banquet, there will be welcoming songs by members of the Lummi Nation -- James, Lutie, Darrell, Tahnee, Priscilla, and Kateri Hillaire, Calvin Warbus, and others. Darrell Hillaire will deliver a keynote address. Darrell has been an elected member of the Lummi Nation Council for the past ten years. Four of those years he served as Chairman of the Lummi Nation. Under his leadership the Tribe expanded its educational, enforcement, protective and treatment services. Darrell is the proud parent of two adult children Tony and Tahnee and the proud grandparent of two grandsons. His family and his extended family are most important to him. He is part of a large Lummi Nation Family, raised on the Lummi Reservation near Bellingham, WA. He sought and received traditional teachings and has participated in traditional spiritual activities throughout his life. Both of his parents were active in Tribal politics and were recognized as National Indians Leaders in their time. Darrell is an active member of the Council and is still guiding the continuing development of a Recovery Community for members of the Lummi Nation through the CMAD Initiative and the Lummi Youth Academy. He was recently the principle person behind the meeting between Lummi leaders and the Dalai Lama.

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Program

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- 7:30 -** **Dinner parties in town** - See SHE Bellingham Dining Guide

Thursday - September 11

- 8:00 AM - 5:00 PM** **Registration** - VU 605 foyer
- 8:00 - 9:30** **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**
- Disasters and Resilience Communities** - VU 565A
Organizer & Discussant: Rebekah Green, Huxley College of the Environment, Western Washington University
- Scott Miles, Huxley College of the Environment, Western Washington University
Resilience and the Politics of Place
- Erica Crawford Boettcher, University of British Columbia CANADA
Cross-scale Institutions and Adaptability of a Fraser River flood Management Regime
- Bishnu Pandey, University of British Columbia CANADA
Educating Communities for Earthquake Safe Technologies: Experience from Asia-Pacific Countries
- Rajan Dhariwal, University of British Columbia CANADA
Disaster Resilience of the Vancouver Health Care System to Pandemic Influenza
- Sustainability Curricula: Knowledge, Skills, and Experiential Learning** - VU 552
Organizer: Shirley Vincent, Oklahoma State University
- Will Focht, Oklahoma State University
Conceptual Model for an Interdisciplinary Curriculum on Sustainability
- Jean MacGregor, Evergreen State College
Integrating Sustainability Across the Disciplines
- Eric G. Strauss, Boston College
Creating Urban Sustainability at a University through an Independent Not-for-profit Institute

Shirley Vincent, Oklahoma State University
A Survey of Interdisciplinary Environmental Program Leaders: Can Sustainability Serve as a Guiding Framework for Core Competencies?

Edward Whitesell, Evergreen State College
Striving for supra-Disciplinarity at an Alternative Public College

Structural Human Ecology - VU 565C
Organizer: Thomas Dietz, Michigan State University
Moderator: Troy Abel, Huxley College, Western Washington University

Richard York and Philip Mancus (presenting), University of Oregon
Animals and Kings: A Materialist Foundation for MacroAnthrozoology

Wayde Morse, Auburn University, and Bill McLaughlin, University of Idaho
Social Ecological Structuration: Understanding the Processes of Change and Stability in Human Ecosystems

Stig-Olof Holm, Umeå University, SWEDEN
Increased Ecoefficiency and Gross Rebound Effect: Evidence from USA and Six European Countries 1960-2002

R. Scott Frey, University of Tennessee
The Flow of Environmental Risks in the World-System

Social Marketing: Applied Research, Action Research and Systemic Change. An Interactive Symposium - VU 567
Organizer: Rebecca Cors, Applied Research Northwest

Rebecca Cors, Applied Research Northwest, Bellingham
Encouraging Pro-Environmental Behaviors and Lifestyles

John Korsmo, Western Washington University
Promoting Prosperity to Address Poverty

Atsuko Kuribayashi and Midori Aoyagi-Usui, NLI Research Institute, JAPAN
Information about Climate Change that Leads to Attitude Change

Meng Rui and with Liu Jiawei
Cognition and Design of Rural Ecotourism Products Based on "Double Three Tools" of Community

Open Discussion with Audience and Panelists

- How can action research facilitate behavior change for good?
- What are key promoters of attitude and behavior change?
- What strategies help sustain attitude and behavior change?

Undesignated Roundtable (sign up for room at registration desk) - VU 565B

9:30 - 10:00 **Coffee Break**

10:00 -11:00 **Keynote Address: Peter Kahn, University of Washington - "Technological Nature: Adaptation and the Future of Human Life"** - VU 605

11:00 -12:30 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

Technological Nature Roundtable - VU 567
Organizer: Peter Kahn, University of Washington

Aimee Reichert, Jolina H. Ruckert, Rachel L. Severson, University of Washington

Pharmaceuticals in the Environment - VU 565 C

Organizer: Kathy Sykes, Environmental Protection Agency

Ilene Ruhoy, Environmental Protection Agency and Touro University
Discarded Drugs as Environmental Contaminants

Len Kaye, University of Maine School of Social Work
Implementation of the Safe Medicine Disposal for ME Prescription Mail-Back Program

Dave Galvin, Hazardous Waste Program Manager, King County, Washington
Unused Household Medicine Return: Lessons and Successes from Washington State

Kathy Sykes, Environmental Protection Agency
Prudent Disposal of Unwanted Medications: Efforts to Fill Research Gaps

Ecology of Wisdom: The Deep Long-Range Ecology Movement Revisited - VU 565 A

Organizer: Margarita Garcia-Notario, SUNY, Plattsburgh

Margarita Garcia-Notario, SUNY, Plattsburgh
Deep Ecology and Its Critics

Bill Devall, Humboldt State University
The Major Principles of The Deep, Long-Range Ecology Movement

Alan Drengson, University of Victoria CANADA
Human Ecology, Communication Systems and Arne Naess

Urban Pasts and Urban Futures for Human Ecology - VU 565B

Moderator: Eva Ekehorn, Society for Human Ecology / Commonwealth Human Ecology Council UK

Rafael Guzman Mejia, Universidad de Guadalajara MEXICO
and Maria Del Carmen Anaya Corona, Centro Universitario de los Altos MEXICO
Puerto Vallarta: 26 Centuries of Evolution

Ian Douglas, Manchester University, UK
From Grime to Glitter: Over 200 Years on the Canals of Manchester, England

Mohamed El-Gasseir, Rumla, Inc.
Self-Sufficiency and Sustainable Development in an Urban Setting

Communities on Coasts: Tracking Socio-Ecological Resilience - VU 552

Moderator: Gigi Berardi-Allaway, Huxley College of the Environment, Western Washington University

Nancy Dammann, Columbia University
Resiliency in an Unpredictable Landscape: Community Based Resource Governance in the Peruvian Amazon

Warren Flint, Five E's Unlimited
Two Years of Hurricanes: Dauphin Island's Resilience

Meagan Krupa, University of Alaska
The Urban Fishery: An Application of System Robustness

Darcie Reynolds, University of Calgary CANADA
Global Integration in Local Socio-natural Systems: A Case Study of Caye Culker

Jennie Sparkes, Parks Canada
Using a Social Ecological System Approach to Managing for Coastal Community Well-being Associated with a National Marine Conservation Area

11:30 -1:00

Lunch

1:00 - 2:00 **Keynote Address: Victoria Sturtevant, Southern Oregon University - “Social Transformations of Forest-based Communities in the Pacific Northwest” - VU 605**

2:00 - 2:30 **Coffee Break**

2:30 - 4:00 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

Warfare Ecology: An Introduction and Dialogue on the Contribution of Human Ecology - VU 565 C
Chair: Wayde Morse, Auburn University

Gary Machlis, University of Idaho
“Warfare Ecology”: A Synopsis of the September 2008 BioScience Review Article

Davis Taylor, College of the Atlantic
Commentary on “Warfare Ecology”

Wayde Morse, Auburn University
Commentary on “Warfare Ecology”

Thor Hanson, Independent Ecologist
Co-Author’s Response

Wayde Morse, Auburn University
A Dialogue with Participants on the Contribution of Human Ecology

A Renaissance of Natural History in Human Ecology: An Interactive Symposium - VU 567
Chair: Thomas L. Fleischner, Prescott College

Thomas L. Fleischner, Prescott College
What is Natural History, and Why Does it Matter?

John Anderson, College of the Atlantic
Philosophical Issues: Is Natural History Discovery Really Science?

Joshua Tewksbury, University of Washington
Practical Issues: The Relationship of Natural History to Primary Research

Saul Weisberg, North Cascades Institute
Taking Children of All Ages into the Woods: Why and How?

Open Discussion with Audience and Panelists

- What role does natural history play in the political landscape?
- Can natural history survive in the academic landscape?
- Linking arts, sciences, and humanities in natural history

Social Change and Resilience in Amenity Migration Communities I - VU 552
Organizer: Dale Blahna, USDA Forest Service

Linda Kruger, USDA Forest Service, Kathrine A. Thompson, Steve Selin
Amenity-influenced Migration

Robert J. Lilieholm, University of Maine, Christopher S. Cronan, and Jill Tremblay
Conservation Lands and Gateway Communities in Maine: Status, Trends and Opportunities

Annabel Kirschner, Washington State University, and Ellen Donoghue, USDA Forest Service
Socioeconomic Transitions and Community Well-being in the Pacific Northwest

Susan Charnley, Ellen Donoghue, and Rebecca McLain, USDA Forest Service
Forest Management Policy, Amenity Migration, and Community Well-being in the American West: Reflections from the Northwest Forest Plan

Lee Cerveny, USDA Forest Service
High Amenity Exurbs: Thoughts from the Puget Sound

Shades of Green: Implications of Human Diversity for Environmental Education and Advocacy - VU 565A
Organizer, Britain Scott, University of St. Thomas

Britain A. Scott, Christina M. Manning, and Elise L. Amel, University of St. Thomas
Dangerous Boys and Daring Girls: Participating in Nature vs. Protecting it

Christina M. Manning, Elise L. Amel, Britain A. Scott, and Jacob W. Forsman, University of St. Thomas
No Frame Fits All: Environmental Message Framing Effects Across Diverse Audiences

Elise L. Amel, Britain A. Scott, and Christina M. Manning, University of St. Thomas
Many Paths Lead to Green: Differences Between Parents' and Non-parents' Environmental Motivations

Jacob W. Forsman, Elise L. Amel, Christie M. Manning, and Britain A. Scott, University of St. Thomas
Getting Hooked: Finding Effective Frames for Religious and Residence-related Worldviews

Resource Dependency and Socio-ecological Resilience: Forest and Biodiversity Cases - VU 565B
Moderator: Rebekah Green, Huxley College of the Environment, Western Washington University

Steve Siebert, University of Montana
Historic Livelihoods, Disturbance Regimes and Biodiversity Conservation in Bhutan

Sugato Dutt, University of Hawaii
Community Attitudes and Management Objectives in the Buxa Tiger Reserve, India

T. I. Khan, University of Rajasthan INDIA
Biodiversity Conservation: A Necessity in the Thar Desert

Gen Ueda, Tohoku University, JAPAN
Smallholders' Forest Use and Coppice Regeneration in Central Kenya

Mekbeb Tessema, Utah State University, Dale Blahna, USDA Forest Service, Delivered by: Robert Lilieholm, University of Maine, and Linda Kruger, USDA Forest Service
Forest Resource Access, Community Dependence, and Vulnerability in Southeast and South-Central Alaska

4:15 - 5:45 Concurrent Sessions: Symposia, Roundtables, Contributed Papers

Resilient Roads to Management: Processes and Challenges - VU 552
Organizers: Alpina Begossi and Priscila Lopes, Fisheries and Food Institute (FIFO), BRAZIL

Alpina Begossi and Renato Silvano, Fisheries and Food Institute (FIFO), BRAZIL
Ecology and Ethno-ecology of Dusky Grouper in SE Brazil

Bernard Glaeser, German Society for Human Ecology (DGH) GERMANY
Social-Ecological Systems Analysis (SES) for Global Coasts

Mohamed Habib, University of Campinas, BRAZIL
Current Challenges for Agroecology as a Basic Tool for a Sustainable Agriculture

Priscila Lopes, Alpina Begossi and Renato Silvano, Fisheries and Food Institute (FIFO), BRAZIL
How Resilient Are Brazilian Fisheries Management Strategies?: Extractive Reserves and Sustainable Development Reserves in the Amazon and on the Coast

Cristiana Seixas, Paula Chamy and Alpina Begossi, Fisheries and Food Institute (FIFO), BRAZIL
Using the Resilience Lens to Assess Conservation Efforts: The Case of a Maritime Extractive Reserve in Brazil

Relations with Wildness in Nature - VU 565A

Organizer/Discussant: Rachel Severson, University of Washington

John Fraser and Jessica Sickler, Wildlife Conservation Society
Anticipated Utility of Zoos for Developing Moral Concern

Susan Clayton, College of Wooster, John Fraser, Wildlife Conservation Society, and Claire Burgess, College of Wooster
Defining Wild Animals: Visitor Conversations in Response to Zoo Exhibits

Aimee Reichert, University of Washington
The Effects of Wilderness Immersion Experiences on Foster Children from Urban Settings: A Focus on Integration

Jolina Ruckert, University of Washington
Wild Animals in Captivity? A Critique of Nussbaum's Capabilities Approach

Ethics and Justice - VU 565B

Organizer: James Loucky, Western Washington University

Catherine Gross, Australian National University AUSTRALIA
Justice as a Human Ecological Issue

James Loucky, Western Washington University
Social Well-Being Through Ecocultural Principles

J.D. Wulfhorst, University of Idaho, Isabel Gutiérrez-Montes, Centro Agronómico Tropical de Investigación y Enseñanza, COSTA RICA, and Julia D. Parker, University of Idaho
Distributive Justice and the Future of Sugarcane in Central America

Mohamed Ahmed
Humanity and the Environment in the Qur'an

Going Green Does a Body Good: Transdisciplinary Approaches to Defining Relationships Between Ecosystem Services and Human Health and Well-Being - VU 567

Organizer: Laura Jackson, US Environmental Protection Agency

Laura Jackson and Kevin Summers, Ecosystem Services Research Program,
Kathy Sykes, Aging Initiative, and
Clark Wilson, Smart Growth Office, U.S. Environmental Protection Agency
Greg Arthaud, Economics Research Program, USDA Forest Service
Susan Lovelace, Center for Human Health Risk, National Oceanic and Atmospheric Administration

Open Discussion with Audience and Panelists

- What are additional linkages between ecosystem services and human well-being?
- What knowledge gaps prevent managing ecosystems, including urban, for human benefits?
- What are the key metrics of well-being used in the Human Ecology field, and why?
- What are the collaborative opportunities for environmental and human ecology research?

6:00 - 7:30 Northwest Harvest Dinner - VU 605

7:15 Keynote: Darrell Hillaire and Family (Lummi Nation Welcome)

Friday - September 12

8:00 AM - 5:00 PM Registration - Viking Union 5th floor foyer

8:00 - 9:30 Concurrent Sessions: Symposia, Roundtables, Contributed Papers

New Directions in Interdisciplinary and International Education I - VU 567

Chair: Rob Dyball, Australian National University AUSTRALIA

Ridwan Hardinsyah, Bogor Agricultural University, INDONESIA

Corporate and University Partnership in CSR Implementation for Better Health and Ecology in Indonesia

Troy Abel, Huxley College, Western Washington University

Participatory Ecological Monitoring: Service-learning and Study Abroad in Costa Rica

Catherine Kleier, Regis University

Research of the Environmental Studies Curricula at Jesuit Colleges and Universities in the U.S

Keith Moore, Virginia Technological University

Collaborative Sustainable Agriculture Research in Developing Countries

Panel: Above speakers form panel for open discussion session (10 minutes)

Social Change and Resilience in Amenity Migration Communities II - VU 552

Organizer: Dale Blahna, USDA Forest Service

Susan Wilmot, Utah State University, and Mark Brunson

Us vs. Them: Integrating Holiday Homeowners into the Rural Rocky Mountain West

Kofi Akamani, University of Idaho, Chuck Harris, University of Idaho, Dale Blahna, USDA Forest Service

Capital, Capabilities, and Resilience: A Framework for Understanding and Assessing Change in Amenity Migration Communities

Scott Hoffman, Utah State University; Presenting: Dale Blahna, USDA Forest Service, Linda Kruger, USDA Forest Service, and John Allen, Utah State University

Application of Resiliency Theory and Adaptive Cycles as a Framework for Understanding Change in Amenity-transition Communities in the Pacific Northwest

Chuck Harris, University of Idaho, Kofi Akamani, University of Idaho, Dale Blahna, USDA Forest Service

Amenity Communities as Dynamic Socio-ecological Systems: Future Directions for Theory and Applications

Issues and Advances in Human Ecology Theory - VU 565C

Moderator: Randall Burtz, Western Washington University

Karl-Heinz Simon, University of Kassel, GERMANY

Holling Cycles as a Model of Social-Ecological Relationships

Craig Macmillan and Rob MacAuslan, Washington State University

The State of Acceptance of Complex Systems Theory in the Social Sciences

Alexandr Tetior, Moscow State University, RUSSIA

Essential Principles of Modern Problems of Human Ecology

Undesignated Roundtables (sign up for rooms at registration desk) - VU 565A & VU 565B

9:30 -10:00 Coffee Break - VU 5th floor foyer

10:00 -11:00

Keynote Address: John B. Robinson , University of British Columbia - "*Being Undisciplined On and Off Campus: Issue-based Interdisciplinarity and the Center for Interactive Research on Sustainability*" - VU 605

11:00 -12:30

Concurrent Sessions: Symposia, Roundtables, Contributed Papers

New Directions in Interdisciplinary and International Education II - VU 567

Chair: Rob Dyball, Australian National University AUSTRALIA

Robert Newman, University of Utah

Building an Effective, Project-based, Interdisciplinary Graduate Program in Environmental Studies

Vicky Newman, University of Utah

Repetition - The Owens Valley and The Great Basin

Stephen Boyden (Delivered by Catherine Gross), Australian National University AUSTRALIA

Looking Back to Look Forward: A Framework for a Comprehensive Human Ecology

Andreas Bjurstrom, University of Gothenburg, SWEDEN

Interdisciplinarity and Knowledge Organization - Prospects for Human Ecology in Academia?

Cultural Dimensions of Climate Change I - VU 565C

Organizer: Thomas Heyd, University of Victoria CANADA

Thomas Heyd, University of Victoria CANADA

Introducing Cultural Dimensions of Climate Change

Robin Attfield, Cardiff University UK

Global Warming, Equity and Future Generations

James Garvey, Royal Institute of Philosophy UK

Climate Change and Moral Outrage

Cognition, Choice and Ecological Action - VU 565A

Moderator: Troy Abel, Huxley College, Western Washington University

Randall Burtz, Western Washington University

The Application of Integrative Complexity Theory to the Study of Natural Resource Issues

Stacia Dreyer, Western Washington University

Conceptions and Values Regarding Low Impact Environmental Principles: How Environmental Education Students Generalize Across Different Setting

Jennifer Kelly, Michigan State University

Environmental Service-Learning: Does It Have An Effect on Environmental Citizenship?

Verna DeLauer, University of New Hampshire

Human/Nature Systems in the Marine Environment from an Environmental Psychology Perspective

Malek Hall, Pacific University

Applying the Value Belief Norm Theory of Environmentally Significant Behavior to Evaluate and Improve the Effectiveness of Environmental Programming

Use of Various Ecological Systems and Populations to Validate the Importance of Developing Emotional Intelligence to Reach Emotional Maturity - VU 565B

Organizer: Edward Read Barton, Michigan State University

Jed Diamond, MenAlive

Gender, Depression and the Healing Power of Walking in Nature

Bjorn Ratjen, Integrated Communication CANADA
Personal Change Across Borders: Issues When Men Change Themselves Across Different Cultures and Languages

Edward Read Barton, Michigan State University
Men's Peer Mutual Support Groups as an Ecological System

Adaptation and Resilience Across Scales in Sustainable Building - VU 552
Organizer: Zosia Brown, University of British Columbia, CANADA

Sylvia Coleman, University of British Columbia CANADA
Creating Resilience in the Evolution of Green Building: Managing Cultural Expectations

Stefan Storey, University of British Columbia CANADA
Lifecycle Costing for CIRS: Evaluating the Long-term Economic Resilience of a Sustainable University Building

Meg O'Shea, University of British Columbia CANADA
Thoughts on the Agency, Responsibility, and Autonomy of Green Building Inhabitants

Zosia B. Brown, University of British Columbia CANADA
Human Adaptive Capacity in Sustainable Buildings: Facilitation, Uptake, and Evaluation

Clark Wilson, US EPA
Growing a Sustainable Street

12:00 - 1:30 Lunch -- Boxed lunches, rooms or outdoors available for seating

12:00 - 1:30 Lunchtime Roundtable on Teaching Conservation Psychology - VU 464
Organizer: Marte Fallshore, Central Washington University

Carol Saunders, Antioch New England
Susan Clayton, College of Wooster
John Fraser, Wildlife Conservation Society

1:00 – 3:30 Early start concurrent session

Explorations and Innovations in Sustainable Business Development - VU 565B
Organizer: Jim Wise, Washington State University and US Department of Energy

Jim Wise, Washington State University & US Department of Energy
Applications of Neuromarketing to the Social Marketing of Sustainability

Sheila Newsom, Washington State University
New Challenges and Directions in the Social Marketing of Sustainability

Josie Koelzer
Issues in Adopting Sustainable Agriculture in the Mid-Columbia: The Farmer's Point of View

Ray Lam, Boise Paper
Launching a Byproducts Synergy Group in the Mid-Columbia

Bill Pogue, Barracuda Coffee Company
How to Become the Most Sustainable Coffee Shop in the Tri-Cities

Jessica Geenen
Environmental Projects Coordination at a Major PNW Utility

Davis Taylor, College of the Atlantic and Chad R. Miller, University of Southern Mississippi
Local Food and Business Cluster Development: Charting New Terrain

Jay Friedlander, College of the Atlantic
Creating a Socially Responsible Company

1:30 - 3:30 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

New Directions in Interdisciplinary and International Education III - VU 567

Chair: Rob Dyball, Australian National University AUSTRALIA

Mark D. Beatham, SUNY College of Plattsburgh
A Truly Green Anti-Pedagogical Education

Wolfgang Serbser, German Society for Human Ecology (DGH) GERMANY
The Bologna Process in Germany: Recent Changes in Higher Education, Recent Changes for Human Ecology?

Meidad Kissinger, University of British Columbia CANADA
Sustainability in an Interconnected World - Toward a Theory of Interregional Human Ecology

Rob Dyball, Australian National University AUSTRALIA
The Ecology of the Digital Native: Promises and Limitations of New Avenues for International Collaboration and Partnerships

Tobias Knoch, University of Heidelberg GERMANY
e-Human Ecology: A New Direction of Cyberspace and Virtual Global Studies

Panel: Above speakers form panel for open discussion session (10 minutes)

Cultural Dimensions of Climate Change II - VU 565C

Organizer: Thomas Heyd, University of Victoria CANADA

Marcel Cano, Universitat de Barcelona SPAIN
Cosmovision, Culture, and Climate Change

Rosalind L. Hunter-Anderson, University of New Mexico
Cultural Responses to Late Holocene Climatic Oscillations in the Tropical Western Pacific: A New Interpretation of the Prehistoric Latte Period of Guam, Mariana Islands, Micronesia

Kathleen Halvorsen, Andrew Kozich, Joseph Dammel, and Stuart Kramer, Michigan Technological University
Climate Change-Related Beliefs and Support for Renewable Fuels

Reuven Sussman, Brandon Lum, Michelle Gay, Edward Chan, and Robert Gifford, University of Victoria
CANADA
Childhood Residential Zone, Individualism-Collectivism, and Sustainability Choices in a Commons Dilemma Microworld

Adrian Parr, University of Cincinnati
On Population Vulnerability

Conservation Psychology Roundtable - VU 565A

Organizer: Carol Saunders, Antioch University New England

Karen Tingley, Antioch University New England
Elise Amel, Christie Manning and Britain Scott, University of St. Thomas
Susan Clayton, College of Wooster
John Fraser, Wildlife Conservation Society / Institute for Learning Innovation
Carol Saunders, Antioch University New England
Gene Myers, Western Washington University

The Human Ecosystem Model: Introduction and Applications Interactive Workshop - VU 552

Organizer: Gary Machlis, University of Idaho

Gary Machlis and Jo Ellen Force, University of Idaho
Wayde Morse, Auburn University

3:30 - 4:00 **Coffee Break** - VU 5th floor foyer

4:00 - 5:30 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

New Directions in Interdisciplinary and International Education IV: Roundtable - VU 567

Co-Chairs: Rob Dyball, Australian National University AUSTRALIA
Wolfgang Serbser, German Society for Human Ecology (DGH) GERMANY

Richard Borden, College of the Atlantic
Lauren Broomall, Ingrid Lindstrom, Margaret Longley, College of the Atlantic
Gene Myers, Western Washington University
Anna Gay, Shannon Roberts, Kenneth Jussaume, Western Washington University
Students, Australian National University AUSTRALIA
And participants from previous education sessions

Cultural Dimensions of Climate Change III - VU 565C

Organizer: Thomas Heyd, University of Victoria CANADA

Martin Schönfeld, University of South Florida
Field, Being and Climate Change

Commentators:
Heather Lazrus, University of Washington
Steve Gardiner, University of Washington

Building Local Sustainable Business Networks Roundtable - VU 565B

Organizer: Jim Wise, Washington State University and US Department of Energy

Michelle Long, Sustainable Connections, and Business Alliance for Local Living Economies
And participants from previous sustainable business sessions

Designing for the Biodiversity of Human Experience: A Conversation Between (and with) a Research Lab and Professional Design Firm - VU 565A

Organizer: Peter Kahn, University of Washington

Peter H. Kahn, Jr., Department of Psychology, University of Washington
Alissa Rupp, AIA, Associate Principal, The Portico Group
Rachel L. Severson, Department of Psychology, University of Washington
Keith McClintock, ASLA, Principal, The Portico Group
Jolina H. Ruckert, Department of Psychology, University of Washington
Paul Stromdahl, Principal, The Portico Group

Human Ecology of Water Management - VU 552

Moderator: Andy Bach, Huxley College of the Environment, Western Washington University

Stanley Asah, David N. Bengston, and Kenneth Brooks, Minnesota Dept. of Natural Resources
Ignoring Ecological Resilience, Building Human Nature Fragility: Hydro-Politics in the Lake Chad Basin

Andy Bach, Western Washington University
Dam Removal for Ecosystem Restoration and Treaty Obligations: The Elwha River, USA

Shamik Chakraborty, Ritsumeikan Asia Pacific University JAPAN
Integrated Water Resource Management: A Human Ecological Perspective

Xiangde Wu, Environmental Protection Volunteers CHINA
Civil Ecological River Treatment Project

5:30 - 6:30 **Reception and Awards** - VU 605

6:30 - 7:30 **Keynote Address: Dave Foreman, The Rewilding Institute - "Rewilding North America"** - Arntzen Hall 100 (5 minute walk south through campus) (Open to the public)

7:30 - **Dinner parties in town**

Saturday - September 13

8:30 - 10:00 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

Community Food Security and Revaluing Agriculture: Towards a Resilient Culture of Food - VU 552
Organizer: Gigi Berardi-Allaway, Huxley College of the Environment, Western Washington University

Gigi Berardi-Allaway, Western Washington University
Fair Trade Olive Oil and Community Resiliency in the Mediterranean

John Tuxill, Fairhaven College, Western Washington University
Natural Disasters and Small Farmer Responses in Yucatan, Mexico: Implications for Crop Biodiversity and Rural Food Security

E. N. Anderson, University of California, Riverside
The Resilient Yucatec Maya Agrosystem

Conservation Psychology: Ecological Experience - VU 565A
Moderator: Britain Scott, College of St. Thomas

Howard Ingle, Salt Lake Community College
An Integrated Systems Approach to Eco-psychology

Lisa Jobson, RMIT, AUSTRALIA
Living the Material Animism of an Indiginee Consciousness

Daoud Neil Miller, Stephen F. Austin State University
Connections of Caring: How We Come to Care for Those Resources We Care About

Jeffrey Perrin, University of New Hampshire
Emotional Responses to Nature Video Clips: Implications for Environmental Organizations Using Media-based Methods to Encourage Responsible Environmental Behavior

Literature, Myth and Theatre in Human Ecology - VU 565C
Moderator: Dina Hartzell, Marylhurst University

Ingrid Lindstrom, College of the Atlantic
An Introductory Exploration of Literary Darwinism

Mimi Stokes-Katzenbach, playwright, author, futurist
The Tragedy and Comedy of Climate Change: Applying Dramatic Models to Develop a Situation-Based Model for Resilient Human Ecological Action

Dina Hartzell, Marylhurst University
Violations and Restorations of Myth and Place

Undesignated Roundtables (sign up for rooms at registration desk) - VU 565B and VU 567

10:00 -10:30 **Coffee Break** - VU 605

10:30 -12:00 **Concurrent Sessions: Symposia, Roundtables, Contributed Papers**

Ecology in Thought and Action - VU 565A

Organizer: Richard Borden, College of the Atlantic

Richard Borden, College of the Atlantic

Personal Ecology: Exploring the Body Boundary

Patricia Honea-Fleming, College of the Atlantic

Insight - Outlook: Minding a Story to Hold the World

Jennie Sparkes, Parks Canada CANADA

Fostering Ecological Consciousness

William Throop, Green Mountain College

Ecological Humility and Effective Leadership: Attitudes towards Action under Conditions of Uncertainty

Regulation and Socio-Ecological System Response - VU 565B

Moderator: Randall Burtz, Western Washington University

Tony Prato, University of Missouri

Evaluating Alternative Growth and Land Policy Futures for a Rapidly Growing Community in Northwest Montana

Randall Burtz, Western Washington University

Multiple Methods Toward Understanding: A Triangulated Approach to OHV Research

Philips Adebobeye Oyedeji, Vrije Universitet BELGIUM

The Role of the Petroleum Industry in Promoting Sustainable Development in Nigeria: A Case Study of Rivers State, Nigeria

Thomas Webler, Seth Tuler, and Colin Polsky, Social and Environmental Research Institute

A Vulnerability-Based Java Model that Shows Causal Pathways in Fishing Communities Subject to Regulatory Stresses

Archana Bali, University of Alaska, Fairbanks

Heterogeneity and Resilience in the Human-Caribou Systems in the Arctic

Timothy Baird, Paul Leslie and Terry McCabe, University of North Carolina

Social Response Diversity in Social/Ecological Systems: A Case Study from Northern Tanzania

Rajesh Sharma and Avanish Kumar, Management Development Institute INDIA

Role and Relevance of Culture, Rights and Concession in Forest Management of Himachal Pradesh

Undesignated Roundtables (sign up for rooms at registration desk) - VU 552, 565C and 567

11:30 -1:00 **Lunch** - VU 605

1:00 - 2:30 **SHE Business Meeting** - VU 552

SHE XVI Conference Committee Co-Chairs:

Gene Myers- President - SHE / Western Washington University
Richard Borden - Executive Director - SHE / College of the Atlantic

Members

John Anderson, College of the Atlantic
Alpina Begossi - UNICAMP - Brazil
Dale Blahna - Utah State University
Ian Douglas - University of Manchester
Robert Dyball- Australian National University
Catherine Gross - Australian National University
Wolfgang Serbser - German Society for Human Ecology
Bill Throop - Green Mountain College
Shirley Vincent - Oklahoma State University
Scott Wright - University of Utah
Barbara Carter - Executive Assistant - SHE
Sean Berg - Networking Coordinator – SHE

Local WWU Conference Committee

Troy Abel	Rebekah Green
Gigi Berardi	Ken Jussaume
Rabel Burdge	James Loucky
Randall Burtz	John Miles
Stacia Dreyer	Shannon Roberts
Anna Gaye	Seth Vidaña

WWU Conference Services, Office of Sustainability, Dining Services/Catering, Classroom Services /
Academic Technology, University Housing

Photo credit: Brett Baunton, Mt. Baker winter scene from Whatcom County

Directions

When approaching Bellingham from the north or south on Interstate 5, take Exit #252, marked Samish Way and W.W.U. Turn west onto Samish Way and follow the signs to Bill McDonald Parkway and the University campus.

Outdoor Sculpture Collection

- A.....Sky Viewing Sculpture, Isamu Noguchi
- B.....Scepter, Steve Tibbetts
- C1.....Totem, Norman Wansinske
- C2.....Wall Reliefs, Norman Wansinske
- D.....India, Anthony Caro
- E.....The Man Who Used to Hunt Cougars for Bounty, Richard Beyer
- F.....Untitled (Box), Donald Judd
- G.....Curve / Diagonal, Robert Maki
- H.....For Handel, Mark di Suvero
- I.....Bayview Station, George Trakas
- J.....Two-Part Chairs, Right Angle Version (a Pair), Scott Burton
- K.....Mindseye, Mark di Suvero
- L.....Flank II, Mia Westerlund Roosen
- M.....Wright's Triangle, Richard Serra
- N.....The Islands of the Rose Apple Tree Surrounded by the Oceans of the World For You, Oh My Darling, Alice Aycock
- O.....Log Ramps, Lloyd Hamol
- Q.....Feats of Strength, Tom Otterness

*Inaccessible due to construction

EMERGENCY TELEPHONES

NORTH



Administrative Services (AC).....47	Haggard Hall (HH).....15	Parking Office (CS).....49	Kappa [Residence].....K
Administrative Services Building B (AE).....48	Haskell Plaza.....50	Parks Hall (PH).....39	Omega [Residence].....Ω
Alumni House (AL).....6	Higginson Hall [Residence] (HG).....3	Performing Arts Center (PA).....16	Sigma [Residence].....Σ
Arntzen Hall (AH).....26	Highland Hall [Residence] (HI).....28	Public Safety/University Police (CS).....49	Ross Engineering Technology (ET).....40
Art Annex (AA).....23	High Street Hall (HS).....18	Physical Plant (PP).....35	Science, Mathematics, &
Biology (BI).....42	Humanities Building (HU).....14	Recreation Center (SV).....36	Technology Education (SL).....43
Biology Greenhouse (BG).....45	Library (Wilson Library) (WL).....20	Recycling Center (RE).....48	Steam Plant (SP).....25
Birnam Wood [Residence] (BW).....36	Maintenance Garage (MG).....34	Ridgeway Complex.....29	Student Health Center.....49
Bond Hall (BH).....21	Mathes Hall [Residence] (MA).....1	Alpha [Residence].....A	Vikings Commons [Dining] (VC).....7
Bookstore (BK).....10	Miller Hall (MH).....12	Beta [Residence].....B	Viking Union (VU).....8
Buchanan Towers [Residence] (BT).....32	Nash Hall [Residence] (NA).....2	Delta [Residence].....Δ	Visitor Information Center (IC).....49
Campus Services (CS).....42	Old Main (OM).....11	Gamma [Residence].....Γ	Washington State Archives (AB).....44
Canada House (CA).....17	Carver Gymnasium (CV).....22		
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	Communications Facility (CF).....30		
	Edens Hall [Residence] (EH).....5		
	Edens Hall North [Residence] (EN).....4		
	Environmental Studies (ES).....27		
	Fairhaven College (FC).....31		
	Fairhaven Complex [Residence].....51		
	Fine Arts, Western Gallery (FI).....24		
	Fraser Hall (FR).....13		



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