

Western Alaska Interdisciplinary Science Conference

AGENDA



TIME	NORTHWEST CAMPUS	PIONEER HALL
Monday - Thursday, April 6-9		
8:00am-8:00pm	REGISTRATION	
Tuesday - Thursday, April 7-9		
8:00am-8:00pm	<p>Poster Session: Upper Goodhope: An Iñupiaq Reindeer Herder Site on the Northern Seward Peninsula - <i>D. Cooper</i></p> <p>Poster Session: Glacial Lake Sockeye Salmon Restoration Project, 2000-2005 - <i>D. Parker</i></p> <p>Poster Session: Community Responses to Energy Crisis in Alaska: An Opportunity for Innovation and the Expansion of Adaptive Capacity? - <i>R. Warren</i></p> <p>Poster Session: URM Alaska: UAF Undergraduate Research Opportunities in the Biological Sciences - <i>T. Clausen</i></p> <p>Poster Session: Alaska Basic Neuroscience Program - <i>L. Duffy</i></p>	
Monday, April 6		
6:30-9:30pm		Workshop: Retrofit of Existing Homes for Improved Energy Efficiency - <i>R. Seifert</i>
Tuesday, April 7		
8:00 a.m.		Conference Welcome Message: Lee Haugen, Director, Northwest Campus
8:05 a.m.		Plenary Session: The North Pacific Research Board and the Bering Sea Project - <i>C. Eischens</i>
9:00 a.m.	Ecology & Wildlife Session: Valuing Non-timber Forest Product Resources - <i>K. Maher</i>	Fisheries Session: Overview of research tools used for the management of Yukon River Chinook salmon fisheries - <i>D. Evenson</i>

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Tuesday, April 7 (continued)		
9:20 a.m.	Ecology & Wildlife Session: The Regional Geochemistry of Soils and Willow in a Metamorphic Bedrock Terrain, Seward Peninsula, and Its Possible Impact on Moose in the Seward Peninsula - <i>L. Gough</i>	Fisheries Session: Fisheries Research at NSEDC - <i>K. Keith</i>
9:40 a.m.	Ecology & Wildlife Session: Mining, Metals and Baseline Monitoring: The Environmental Health of Reindeer and Muskox - <i>L. Duffy</i>	Fisheries Session: Norton Sound Fisheries Research and Development Marine Research Projects - <i>W. Jones</i>
10 a.m.	<i>B R E A K</i>	
10:20 a.m.	Ecology & Wildlife Session: Muskox Hunting Traditions and Practices Across the Arctic - <i>C. Ihl</i>	Fisheries Session: Sockeye Salmon Studies in Salmon Lake; Limnology and Fishery Investigations Relative to a Nutrient Addition Program, 1994-2008 - <i>L. Wilson</i>
10:40 a.m.	Ecology & Wildlife Session: The Western Arctic Caribou Herd Working Group: An Interdisciplinary, Cross-Cultural, Stakeholder Approach to Caribou Management in Northwest Alaska - <i>R. Ashenfelter</i>	Fisheries Session: Frozen Fowl: Coastal Observation and Seabird Survey Team (COASST) Surveys in Alaska - <i>J. Parrish</i>
11:00 a.m.	Anthropology and Social Sciences Session: Alterity, Anthropology, and Cognitive Imperialism - <i>J. Omelak</i>	Fisheries Session: Norton Sound Subdistricts 5 & 6 Chinook Salmon Stock Status and Assessment - <i>S. Kent</i>
11:20 a.m.	Anthropology and Social Sciences Session: Archaeological Investigations at Iyat (Serpentine Hot Springs), Seward Peninsula, Alaska - <i>R. Gal</i>	Fisheries Session: The Arctic Fishery Management Plan - <i>O. Ormseth</i>
11:40 a.m.		Fisheries Session: Alaska King Crab Research Restoration and Biology (AKCRRAB) - <i>H. Herter</i>
Noon	<i>L U N C H B R E A K</i>	
1:00 p.m.	Subsistence Session: Bowhead Whale Feeding in the Northern Bering Sea Near St. Lawrence Island, Alaska - <i>G. Sheffield</i>	Public Health Session: Successful Aging Through the Eyes of Alaska Natives: The Health and Wellbeing of Alaska Native Elders in Bristol Bay, Alaska - <i>J. Lewis</i>
1:20 p.m.	Subsistence Session: Subsistence & Traditional Ecological Knowledge - <i>A. Ahmasuk</i>	Public Health Session: Special Delivery: Transporting Inupiat Mothers and Babies in Northwest Alaska, A Call for a Traditional-Knowledge Based Public Health Policy Analysis and Evaluation - <i>L. Schwarzburg</i>

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Tuesday, April 7 (continued)		
1:40 p.m.	Subsistence Session: The Impact of Fuel Prices on Subsistence in Northwest Alaska - <i>J. Raymond-Yakoubian</i>	Public Health Session: Uranium and U - <i>Cathy Middlecamp</i>
2:00 p.m.	Subsistence Session: Utilizing TEK and SEK to Delineate the Coastal Food Web of Kotzebue Sound, Alaska - <i>L. Clough</i>	Public Health Session: Partnership for Community Environmental Research and Science Training: ACAT, UA, and Alaska BioPREP - <i>V. Waghiyi</i>
2:20 p.m.	B R E A K	
2:40pm-4:30pm		Workshop: Environmental Health Care Toolkit: Promoting Environmental Health and Justice in Alaska - <i>S. Petras</i>
2:40pm-5:00pm	Workshop: Applied Fisheries and Marine Research in the Bering Strait - <i>H. Herter</i>	
7:00 p.m.	Film: Eating Alaska	
7:30pm-9:30pm	Community Barn Dance (<i>Venue: Old St. Joe's</i>)	
Wednesday, April 8		
8:00 a.m.		Plenary Session: Is Your Research Reaching Your Rural Audience? - <i>S. Steinacher</i>
8:30 a.m.		Plenary Session: Climate Change and the People of Northwest Alaska - <i>A. Kliskey</i>
9:20 a.m.	Reindeer Herding Session: Supplemental Feeding of Smooth Brome Grass (<i>Bromus Inermis</i>) Haylage to Reindeer - <i>G. Aguiar</i>	Watershed Session: Beaver Creek National Wild River: Economic Valuation of Recreational Activities - <i>L. Lang</i>
9:40 a.m.	Reindeer Herding Session: Reintroduction of Reindeer to the Seward Peninsula, Alaska - <i>M. Henry</i>	Watershed Session: Tribal In-stream Water Quality Studies - <i>A. Ahmasuk</i>
10:00 a.m.	B R E A K	
10:20 a.m.	Reindeer Herding Session: Consequences of Two Reindeer Herding Strategies in Northern Mongolia - <i>L. Davis</i>	Watershed Session: Rebels to the Pebble - <i>S. Rolf</i>
10:40 a.m.	Reindeer Herding Session: Kawerak Reindeer Herders Association: Status of Reindeer Herds on the Seward Peninsula - <i>R. Fosdick</i>	Watershed Session: Alaska's Freshwater Management Regime: Decentralized Capacity-building and Adaptation for Future Changes - <i>J. Smith</i>

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Wednesday, April 8 (continued)		
11:00 a.m.	Reindeer Herding Session: Reindeer Herding on the Seward Peninsula, Alaska - <i>G. Finstad</i>	Watershed Session: Squaw Creek: Monitoring a Subarctic Alaska Stream - <i>S. Wingert</i>
11:20 a.m.	Reindeer Herding Session: Population Ecology of Reindeer (<i>Rangifer t. tarandus</i>) on St. George Island, Alaska - <i>M. St. Martin</i>	Watershed Session: Issues for the Tubutuluk River Watershed - <i>F. Murray</i>
11:40 a.m.		Watershed Session: Norton Sound Salmon Restoration and Enhancement - Results of Management Efforts under the Norton Sound/Bering Strait Regional Comprehensive Salmon Plan 1996-2010 - <i>T. Smith</i>
12:00 p.m.	L U N C H B R E A K	
1:00 p.m.	Education Session: Delivering High School Science Classes at a Distance - <i>A. Pokrzywinski</i>	Climate Change, Water Resources and Humans in the Arctic Session: Understanding our Water Resources in a Future Climate - <i>D. White</i>
1:20 p.m.	Education Session: Interdisciplinary Undergraduate Degrees at UAF - <i>L. Bender</i>	Climate Change, Water Resources and Humans in the Arctic Session: Creating a Community-Centric Assessment Tool for the Arctic: How to Address Relevant Systems and Scales - <i>M. Altaweel</i>
1:40 p.m.	Education Session: MapTEACH: Integrating Science, Technology and Traditional Knowledge Through Place-based Education - <i>S. Stephens</i>	Climate Change, Water Resources and Humans in the Arctic Session: Permafrost Controls on Hydrological Processes in a Changing Climate - <i>J. Cherry</i>
2:00 p.m.	B R E A K	
2:20 p.m.	Education Session: The Alaska Native Science & Engineering Program (ANSEP) at UAF - <i>T. Clausen</i>	Climate Change, Water Resources and Humans in the Arctic Session: People, Knowledge, and Water: Ethnographies of Freshwater Use from the Seward Peninsula - <i>P. Schweitzer</i>
2:40 p.m.	Education Session: Onetree Alaska - <i>V. Barber</i>	Climate Change, Water Resources and Humans in the Arctic Session: Vodovozka and Vodovod, a Love Story? Local Concerns and Infrastructure for the Chukotka Freshwater Systems - <i>S. Yamin-Pasternak</i>

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Wednesday, April 8 (continued)		
3:00 p.m.	Education Session: Educating Rural Alaskans in the Seward Peninsula Communities: A Personal Perspective - <i>M. Burtis</i>	Climate Change, Water Resources and Humans in the Arctic Session: Seward Peninsula Climate and Hydrology - <i>J. Cherry</i>
3:20 p.m.	Education Session: Introducing Inuktitut Symbols into Bush Physics for the 21st Century, A Distance Delivery Physics Course to Bridge the Gap in Rural Alaska and Across the North - <i>D. Solie</i>	
3:40 p.m.	Education Session: Telling Stories of Climate Change in Alaska with Distance Learning - <i>L. Stuart</i>	
4:00 p.m.	Workshop: Science Education Opportunities for Rural Alaska - <i>R. Barnhardt</i>	
6:00pm-9:00pm	Workshop: Reindeer Meat-Cutting Workshop (<i>Venue: Nome Eskimo Community</i>)	
7:00 p.m.	Film: Eating Alaska	Workshop: Roundtable Discussion: The Bering Strait Research Consortium - <i>J. Cherry</i>
Thursday, April 9		
9:00 a.m.	Mining Session: Mineral Deposits of Western Alaska - <i>D. Szumigala</i>	Energy/Small Business Session: Corporate Social Responsibility and Community Stakeholders: Lessons from Northern Norway - <i>M. Klick</i>
9:20 a.m.		Energy/Small Business Session: Can Rural Alaska Get Off the Energy Rollercoaster? - <i>R. Seifert</i>
9:30 a.m.	Mining Session: Fundamentals of Mining - <i>R. Fredericksen</i>	
9:40 a.m.		Energy/Small Business Session: The Development of High Penetration Wind/Diesel Systems to Address Growing Demand From Isolated Village Communities - <i>C. McLaughlin</i>
10:00 a.m.	B R E A K	
10:20 a.m.	Mining Session: The Process for Permitting Mine Projects in Alaska - <i>T. Crafford</i>	Energy/Small Business Session: Critical Mass: The NorthWind 100® Wind Turbine in the YK Delta Region of Alaska - <i>B. Pingree</i>

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Thursday, April 9 (continued)		
10:40 a.m.		Energy/Small Business Session: Basic Norton Sound Energy Resources and Development Based on Combining Traditional Methods, Modern Science, and Economic Policy - <i>R. Thomas</i>
10:50am-12pm	Mining Session: Panel discussion: Mining Q and A	
11:00 a.m.		Energy/Small Business Session: Solar Photovaltaics and Waste to Energy System - <i>R. Bensin</i>
11:20 a.m.		Energy/Small Business Session: Developing High Voltage Direct Current Transmission Technology for Rural Alaska: Status and Applications - <i>J. Groves</i>
11:40 a.m.		Energy/Small Business Session: An Introduction to the Rural Electric Vehicle Utilization Project (RevUp) - <i>M. Golub</i>
12:00 p.m.	<i>L U N C H B R E A K</i>	
1:00 p.m.		Energy/Small Business Session: Shaktoolik Native Store - <i>F. Sagoonick</i>
1:20 p.m.		Energy/Small Business Session: Vertical Wind Energy: Is it an Option for Reducing Residential Home Energy Costs? - <i>B. Jackson</i>
1:40 p.m.	<i>B R E A K</i>	
2:00 p.m.	Workshop: Wildlife/Ecology Field Trip - <i>C. Ihl</i>	Workshop: Renewable Energy Roundtable - <i>M. Erickson</i>
3:30 p.m.		Workshop: Field Trip to Nome Wind Farm and Solar Panels
6:00 p.m.	Conference Banquet. Keynote speaker George Noongwook, Alaska Eskimo Whaling Commission. Entertainment by the King Island Dancers. Poster Session will continue here. (<i>Banquet tickets are \$15, or free with paid registration. Purchase tickets at NWC; limited to 100. Venue: Nome Mini Convention Center</i>)	

TIME	NORTHWEST CAMPUS	PIONEER HALL
Saturday, April 11		
9:00am-4:00pm	<p>Workshop: COASST Seabird Monitoring - <i>Jane Dolliver</i> The University of Washington is expanding their COASST seabird monitoring program to the Bering Strait region. COAAST volunteers collect data on beach-cast carcasses of marine birds to establish the baseline pattern of bird deposition on North Pacific beaches. Data collected helps address important marine conservation issues and protect marine resources. Reserve your training spot by calling COASST at (206) 221-6893 or emailing info@coasst.org.</p>	