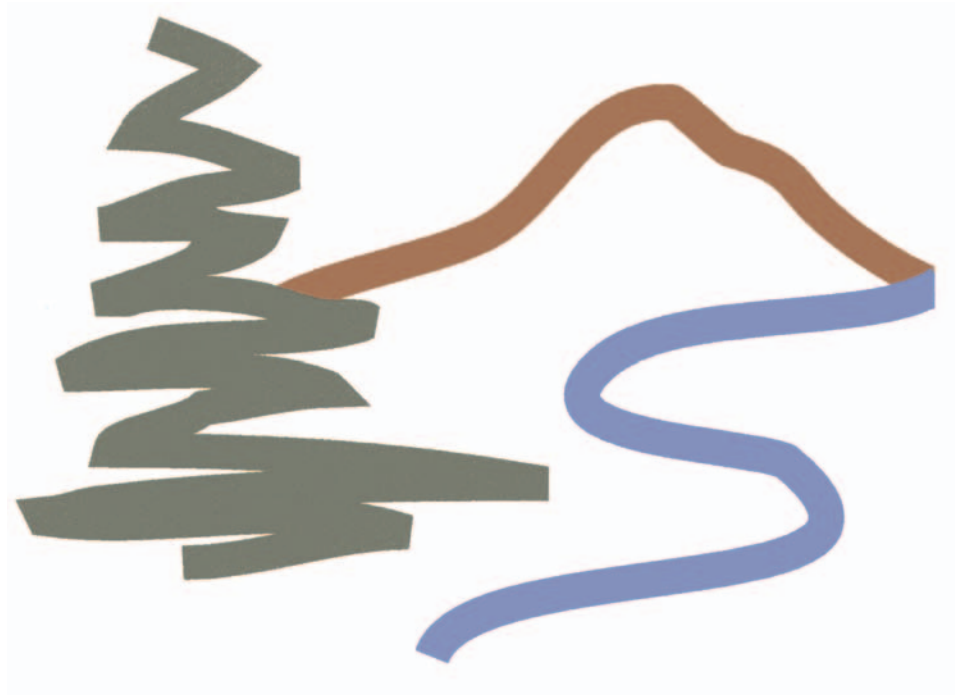


Alaska Forum on the Environment

February 6-10, 2006



**Egan Convention Center
Anchorage, Alaska**

Alaska Forum on the Environment 2006
1.888.301.0185 telephone & fax
info@akforum.com
<http://www.akforum.com>

Week at a Glance

Sunday, February 5

5:00 - 8:00 p.m. Ice Cream Social
Hilton Hotel Chart Room
(Event registration available)

Monday, February 6

8:00 - 9:30 a.m. Registration and Check-In

9:30 - 10:15 p.m. Opening Ceremony
Excerpts of "Phonk"
by "Scrap Arts Music"

10:30 - 11:45 p.m. Breakout Sessions

12:00 - 1:45 p.m. KEYNOTE EVENT
Wade Davis
National Geographic
Explorer-in-Residence
Anthropologist, Botanical
Explorer and Best-Selling Author

2:00 - 4:45p.m. Breakout Sessions

4:45 - 5:30 p.m. SOCIAL EVENT

5:30 - 6:30 p.m. ENTERTAINMENT EVENT
Medicine Dream and
US Air Force Band

Tuesday, February 7

8:00 - 9:15 a.m. KEYNOTE EVENT
Sheila Watt-Cloutier
Inuit Circumpolar Conference

9:30 - 11:45 a.m. Breakout Sessions

12:00 - 1:45 p.m. KEYNOTE EVENT
John Francis
Planetwalker

2:00 - 4:45 p.m. Breakout Sessions

4:45- 5:30 p.m. SOCIAL EVENT

5:30 - 6:30 p.m. EVENING EVENT
Charles Wohlforth, Author
Warren Matumeak, Elder

Wednesday, February 8

8:00 - 9:15 a.m. KEYNOTE EVENT
Edwin Piñero
Federal Environmental Executive

9:30 - 11:45 a.m. Breakout Sessions

12:00 - 1:45 p.m. KEYNOTE EVENT
Craig Zablocki
Positively Humor

2:00 - 4:45 p.m. Breakout Sessions

Thursday, February 9

8:00 - 4:45 p.m. IGAP Training
8:00 - 5:00 p.m. RAB Training

Friday, February 10

8:00 - 3:30 p.m. IGAP Training

8:00 - 5:00 p.m. HAZWOPER Refresher

8:30 - 4:00 p.m. National Energy Education
Development – Tools for
Understanding Energy

NOTE:

See the last page for a schedule of ancillary events.

General Information

This is the eighth annual Alaska Forum on the Environment event, which began as a conference that focused exclusively on environmental concerns facing federal government facilities in Alaska. It has since evolved to be inclusive of all Alaskans. The conference has become a Forum for education and interaction among all forms of government agencies, non-profit organizations and the general public. Rural or urban, professional or layperson, people come together at this nonpartisan annual event to seek understanding and solutions for many of Alaska's environmental challenges.

At the Forum, federal, state, communities, and tribal interests have an opportunity to come together with private, for-profit and non-profit organizations and individuals to discuss the latest projects, processes, and issues that affect life in Alaska. From diverse views represented at the Forum, tough issues such as "sustainable development" are addressed and new collaborations are born that promote the common good.

In addition to enhanced communication and coordination on issues, participating agencies and organizations also benefit by sharing resources. During the week-long Forum conference, annual training and certification classes are offered at reduced rates and overhead cost to participating organizations.

This year there will be over 80 technical sessions and presentations, including a wide variety of organizational meetings, specialized certification training classes, networking and social events, and vendor displays/information booths.

The Alaska Forum on the Environment serves to educate all Alaskans on a wide variety of topics with specific break-out sessions on issues. Participants now number over 1200 attendees from across the nation, making the Alaska Forum on the Environment one of the largest annual events in Alaska.

The Alaska Forum on the Environment encourages healthy dialogues about critical environmental issues within every breakout session. It is fundamental that we communicate our concerns and our information in respectful and meaningful way. We ask that those attending the event, show appreciation towards all other participants and our presenters by engaging in dialogue in a thoughtful and respectful manner.

The agenda is developed by our "Planning Committee" which represents a group of energetic and committed volunteers. We welcome other organizations or individuals who can work in a team approach and provide constructive input into our agenda development. If you are interested in helping in our planning process for our next event, please contact us. Your support would be most welcome!

Registration

Onsite registration is available beginning at 8:00 a.m., Monday, February 6, 2006. The registration and information counter will be open throughout the event.

Exhibit Information

Exhibits will be in the vendor area Monday, February 6 through Wednesday, February 8.

Door Prize Information

Various door prizes will be awarded throughout the event. Door prizes from: Hilton Hotel, Mooses Tooth, Orso Ristorante, and many others.

Egan Center Parking

You have several convenient options for parking when using the Egan Center. The Center is located on 5th Avenue between E and F Streets. Below is a list of some of the nearest parking spaces.

ON STREET PARKING: There are metered parking spaces within a five block radius of the facility. Monday – Friday, between 9:00am and 6:00pm. On Saturday and Sunday, free parking at the meters is allowed for the entire day.

DIAMOND PARKING LOTS: At these lots, you put your money in the box when you park. Payment by credit card is also available.

6th Avenue and E Street (495 W. 6th Ave):

0 – 2 hours - \$5
2 – 4 hours - \$7.50
4 – 10 hours - \$15

7th Avenue and E Street (521 W. 7th Ave):

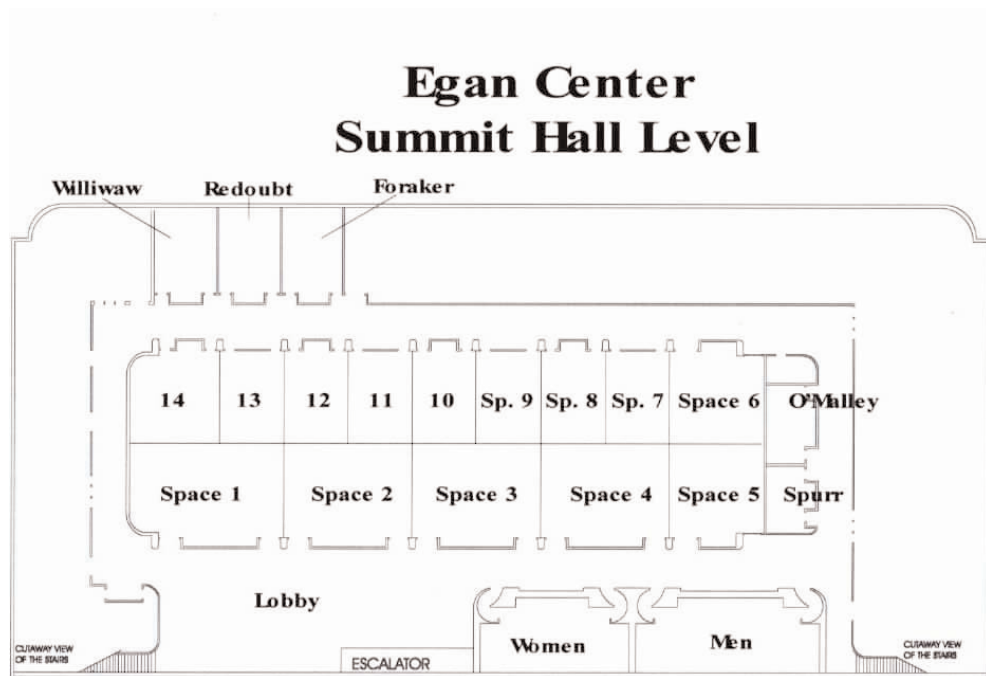
0 – 2 hours - \$3
4 – 6 hours - \$5
over 6 hours - \$10

6th AVENUE PARKING GARAGE (Enter on H Street): \$6.50 per day or \$.75 per hour. Open 24 hours.

5th AVENUE PARKING GARAGE (5th Avenue and B Street): \$6.50 per day or \$.75 per hour. Open 24 hours.

NOTES:

Egan Convention Center Floorplans



Alaska Forum on the Environment, 2006

Leadership Partners:

(includes both confirmed and anticipated)

Alaska Conservation Foundation

Alaska Department of Environmental Conservation

Alaska Division of Homeland Security and Emergency Management

Alaska Native Science Commission

BP Exploration (Alaska)

Canadian Consulate in Anchorage

ConocoPhillips

Ecology and Environment

Institute for Tribal Environmental Professionals

Solid Waste Association of North America (SWANA), Alaska Chapter

The Alaska Sea Otter and Steller Sea Lion Commission

US Air Force

US Army, Alaska

US Bureau of Land Management

US Department of Agriculture, Natural Resources Conservation Service

US Department of Energy

US Department of the Interior

US Environmental Protection Agency

US Federal Aviation Administration

US Federal Emergency Management Agency

US Forest Service

US Minerals Management Service

US Navy

US National Park Service

Yukon River Inter-Tribal Watershed Council



2006 Board Members and Planning Committee

President/Chair:

Vivian Kinnaird, Ecology and Environment

Ex-Officio Officers: (non-voting)

Doug Mutter, Department of the Interior

Carl Gysler, Federal Aviation Administration

Officers:

Greg Goodale, Mat-Su Borough

Thomas Manson, Chief Financial Officer, ConocoPhillips

Kurt Eilo, Chief Executive Officer

Planning Committee

Sandra Borbridge, US Air Force, 611th Air Support Group

Patricia Cochran, Alaska Native Science Commission

Paula Conru, The Coordinators, Inc.

Karen Dearborn, US Army Alaska (Colorado State University)

Marti Early, Alaska Department of Environmental Conservation

Kurt Eilo, Alaska Forum, Inc

Susanne Fleek, Alaska Conservation Foundation

Cristal Fosbrook, US Army Alaska

Santina Gay, US Environmental Protection Agency

Lynda Giguere, Alaska Department of Environmental Conservation

Greg Goodale, Solid Waste Association of North America (SWANA)

Timothy Grady, US Air Force

Michelle Heun, Alaska Division of Homeland Security and Emergency Management

James W Hostman, US Air Force, 611th Civil Engineer Squadron

Vivian Kinnaird, Ecology and Environment

James Littrell, Alaska Division of Homeland Security and Emergency Management

Paul L. Lowry, Minerals Management Service, Alaska OCS Region

Tom Manson, ConocoPhillips Alaska, Inc.

Anne Marie Marson, US Environmental Protection Agency/SEE

Doug Mutter, US Department Of Interior, Environmental Policy And Compliance

Anthony Pennino, CH2M Hill

Jacqueline Poston, US Environmental Protection Agency

Rob Rosenfeld, Yukon River Inter-Tribal Watershed Council

Joe Sarcone, US Environmental Protection Agency

Cassandra Stalzer, USDA Natural Resources Conservation Service

Hayden Street, US Navy Region Northwest

Jennifer Williams, Institute for Tribal Environmental Professionals

7:00 AM - 9:30 AM
Upper Lobby

Registration and Check-In

The Egan Center will be open for Registration beginning at 7:00 a.m.

8:00 AM - 9:00 AM

- **Moderator Training (by Invitation Only) – Board Room**

NOTES:

9:30 AM - 10:15 AM
Arteaga/LaPerouse

OPENING CEREMONIES: Excerpts of "Phonk" by "Scrap Arts Music"



Take some shiny scrap metal collected near the harbors of British Columbia. Add an armload of salvaged PVC pipe and wooden planks from nearby condo construction sites. Work in some bike spokes, plumbing coupling joints, 80+ wheels, and other recycled odds and ends. Weld, hammer, bend and sculpt artfully. Place the results in the hands of Scrap Arts Music's five athletic musicians --all armed with

colorful drumsticks-- and the result is a visually stunning and thoroughly energizing invented instrument extravaganza!

Scrap Arts Music is taking the world by storm with a simple idea: perform powerful, energizing music using instruments created from recycled and salvaged material.

Scrap Arts Music makes its official Alaskan debut at the Alaska Center for the Performing Arts on Friday, February 10, 2006. As a special treat for delegates, Scrap Arts Music will launch this year's Alaska Forum Opening Ceremony with excerpts from their hit show "Phonk!" Canada's Scrap Arts Music, a band of five extraordinarily talented and innovative drummers, provides a contemporary percussion music experience using kinetic instruments skillfully crafted from industrial scraps. Since debuting in 2001, Scrap Arts Music has received international acclaim throughout North America, China, Europe and the UK for mesmerizing performances that are equal parts music, theater and movement.

A treat for both eyes and ears, the large-scale mobile instruments take the stage in a stunning combination of new-world artifacts, transformable sculpture and whimsical music-makers. Discarded aluminum, brass artillery shells and giant springs are artistically transformed into delightful invented instruments. The uncanny results create melodious music that ranges from thunderous percussion one moment to hypnotic and rhythmically rich resonations the next.

Please join us for our opening ceremony as we kick off the Alaska Forum on the Environment, 2006, with Scrap Arts Music. (For tickets to the full performance or for additional information, please contact the Alaska Junior Theatre at <http://www.akjt.org/scrap.html> or (907) 272-7546.)

10:30 AM - 11:45 AM

• **Results of Southcentral Alaska Coastal Environmental Monitoring and Assessment Program (EMAP) 2002 Survey & Status of Remaining Alaska Coastal EMAP Projects – Space 9 & 10**

In 2001, the Alaska Department of Environmental Conservation (DEC) developed a Cooperative Agreement with the Environmental Protection Agency (EPA) to join collaboratively in the Western States Coastal Environmental Monitoring and Assessment Program (EMAP). Through this agreement, the state of Alaska's legislature accepted funds from the EPA to conduct a coastal EMAP program in Southcentral Alaska's coastal waters. Southcentral, which encompasses a coastal area ranging from Unimak Pass in the southwest to Cape St. Elias to the northeast, including the coastal bays and estuaries along the Alaska Peninsula, Cook Inlet, Kodiak Island archipelago, the outer Kenai Peninsula, and Prince William Sound, was the first of five coastal EPA identified biogeographical regions, in Alaska. DEC sampled this first sub-region of Alaska's coastline in the summer of 2002. Findings of this first Alaska coastal EMAP survey on the status of this regions coastal environmental health will be presented, as will a brief discussion of the remaining four Alaska EMAP coastal survey actions.

Presenters: Douglas Dasher and Susan Saupe, Alaska Department of Environmental Conservation; and James Gendron, Cook Inlet Regional Citizens Advisory Council
Moderator: Lynda Giguere, Alaska Department of Environmental Conservation

• **Climate Change - Scientific Impacts and Feedbacks (Part 1 of 2) – Space 1**

This panel of scientific experts will present a scientific overview of climate change and address the impacts and feedbacks of the physical world in the north as a result of the changing climate based on historical and current knowledge.

Presenters: Robert W. Corell, American Meteorological Society Affiliate; Jonathan Overpeck, University of Arizona Departments of Geosciences & Atmospheric Sciences; James Overland, National Oceanographic and Atmospheric Administration, Pacific Marine Environmental Laboratory; Vladimir Romanovsky, University of Alaska Geophysical Institute
Moderator: Robert W. Corell, American Meteorological Society

• **State and Tribal Brownfield Programs in Alaska – Space 5 & 6**

Several tribal organizations in Alaska, as well as the Alaska Department of Environmental Conservation, have obtained Environmental Protection Agency Brownfield funding to help build internal program capacity to address and manage contaminated lands. Activities funded under these grants include developing mapping capabilities, conducting assessments, establishing new programs, and creating inventories of brownfield sites within their communities or regions. Hear how these tribal organizations went about procuring EPA State & Tribal Response Program funding, their experience in meeting grant requirements, and how they can get support from and coordinate with the DEC and EPA Brownfield Teams. DEC will discuss its brownfield program objectives and EPA will be present to discuss this and other sources of brownfield funding.

Presenters: Ellen Simeonoff - Leisnoi Village; Malinda Chase - Yukon River Inter-Tribal Watershed Council; Mike Grundberg - Anvik Tribal Council; Scott Anderson - Native Council of Port Heiden; Brooks Stanfield - EPA Region 10; John Carnahan, Brownfield Coordinator - Alaska Department of Environmental Conservation.
Moderator: Marti Early, Alaska Department of Environmental Conservation

• **Understanding Energy Efficiency in Home, Community Buildings and Villages – Space 13 & 14**

Heat, air and moisture are moving through our buildings all the time. The complex interdynamic interactions can make trouble shooting building problems difficult. It all becomes much more clear when we understand how these affect our homes. We can then diagnose and trouble shoot problems like ice dams, mold, carbon monoxide hazards, condensation, uneven temperatures and more. We will explore basic building science and look at how we can make our homes, community buildings and villages more efficient.

Presenter: Scott Waterman of the Alaska Housing Finance Corporation
Moderator: Dick Nenahlo, US Army Garrison Alaska

• **Building Effective Relationships with Funders and Developing Competitive Grants for Environmental Projects – Space 4**

Successful grant writers develop proposals by telling stories to the right people, at the right time, in the right way. This session's focus will be on learning the process of uncovering those stories; finding contacts and nurturing relationships; learning how to create a diversified funding strategy; and identifying the strategic emphasis needed for a compelling proposal.

Presenters: Rob Rosenfeld, MA: Alaska Region Director of the Yukon River Inter-Tribal Watershed Council; Mary McRae Miller: CEO of the Alaska Funding Exchange
Moderator: Matt Rafferty: Alaska Conservation Foundation

• **Protecting Family Drinking Water in Rural Alaska – Space 3**

The safety of family drinking water is a particular concern when water supply and sewage are not transported in a piped system. This study, conducted in a rural Alaskan community that hauls water and uses honeybuckets, has considered transport of fecal bacteria within the village and the potential survival of bacteria over the winter. Appropriate in-home treatment and effective yet water-conserving hand washing alternatives are components of the continued work. Results to date will be summarized.

Presenters: Molly Chambers, University of Alaska, Fairbanks; Shawna Laderach, University of Alaska, Fairbanks
Moderator: Joe Sarcone, EPA

MORE SESSIONS ON NEXT PAGE >>

10:30 AM - 11:45 AM CONTINUED

• *Bones on the Beach: Responding to Marine Mammal Stranding in Alaska* – Space 11 & 12

This session will provide an overview of the Alaska Marine Mammal Stranding Network and its activities. Speakers from agencies and institutions which oversee and participate in the stranding network will discuss how response occurs in Alaska and what can be learned from marine mammal stranding incidents. Case studies will focus on western and southcentral Alaska, and attention will be placed on how interested members of the public can participate in these efforts.

Presenters: Barbara Mahoney, National Oceanic and Atmospheric Administration (NOAA) Fisheries; Verena Gill, U.S. Fish and Wildlife Service; Tim Lebling, Alaska SeaLife Center

Moderator: Aleria Jensen, Marine Mammal Stranding Coordinator, NOAA Fisheries

• *Bhopal, India Gas Tragedy-Lessons Learned for Alaska* – Space 2

This presentation will include an overview of the event, impacts, and current conditions of the Bhopal, India gas tragedy; the public role in emergency response preparedness during a chemical man-made disaster.

Presenter: Mr. Timothy R. Gablehouse, Colorado Emergency Planning Commission, State of Colorado

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

NOTES:

12:00 PM - 1:45 PM

Arteaga/LaPerouse

KEYNOTE PRESENTATION:

Wade Davis

National Geographic Explorer-in-Residence, Anthropologist, Botanical Explorer and Best-Selling Author



Wade Davis is an anthropologist, botanical explorer, and best-selling author who received his Ph.D. in ethnobotany from Harvard University. He spent more than three years in the Amazon and Andes as a plant explorer, living among 15 indigenous groups in eight Latin American nations while making some 6,000 botanical collections.

Davis' work later took him to Haiti to investigate folk preparations implicated in the creation of zombies, an assignment that led to his writing *Passage of Darkness* (1988) and *The Serpent and the Rainbow* (1986), an international best-seller that appeared in ten languages and was later adapted by Universal Studios as a motion picture. He is author of five other books, including *One River* (1996), *Shadows in the Sun* (1998) and *Light at the Edge of the World* (2001).

Born in British Columbia, Wade Davis is a citizen of both Canada and Ireland who lives with his family in Washington, D.C. Davis attributes his personal and professional interest in human diversity in part to growing up in Quebec in a town of 15,000 people that had an invisible line—social, cultural, and religious—dividing French- and English-speakers. "I found the differences in attitudes alluring, and it sowed the seeds of my wanting to know the other world outside my own narrow world," he said.

Trained as both a biologist and an anthropologist, he received a Ph.D. in ethnobotany from Harvard University, which led him to live three years among 15 indigenous groups in eight Latin American nations while making botanical collections. His study of native plants and diverse human cultures has taken Davis to the Canadian Arctic, the deserts of North Africa, the rain forests of Borneo and the Amazon, the swamps of Venezuela's Orinoco delta, the wilds of British Columbia, the hidden world of Haiti, and the mountains of Tibet.

In Haiti, he investigated folk preparations used in the creation of zombies. Based on the research, he wrote *Passage of Darkness* (1988) and *The Serpent and the Rainbow* (1986), an international best-seller that was published in ten languages and made into a motion picture. He is also the author of seven other books.

Davis's latest book, *Light at the Edge of the World*, is a collection of essays and art-quality photographs that he took during 25 years of field work. Davis said he learned the basic skills in a university course, but believes his photographic work has been enhanced by his professional training and observation. "There's perhaps an intimacy to many of these photographs that may reflect the fact that I was primarily there as an anthropologist. I had built relationships with the people, often long before I ever brought out a camera," he said.

"I could never compare myself to the great National Geographic photographers," he added. "But I think I do have a sense of composition, and I always remember that photography means 'writing with light.'"

Davis has also written several documentaries, and he hosted and co-wrote *Earthguide*, a 13-part television series on the environment.

Learn more about Wade Davis from our website at <http://akforum.com/keynotes.htm>

2:00 PM - 3:15 PM

- **Restoration of Remote Military Sites – A Progress Report – Redoubt**

Participants will receive information summarizing military site Cleanup in rural Alaska from both the U.S. Army Corps of Engineers, Alaska District, and the 611th Air Support Group (ASG). This information will summarize progress made by these restoration programs and look forward to environmental restoration over the next five years in Alaska. Discussion topics will include both public participation through Restoration Advisory Boards (RAB's) and the role of tribes in the environmental restoration of remote sites.

Presenters: Steve Mattson, Acting Program Manager, 611th Civil Engineer Squadron, Environmental Restoration; Mollie TeVrucht, Formerly Used Defense Sites (FUDS) Program Manager, U.S. Army Corps of Engineers Alaska District

Moderator: Chris Riggio, Aleutian Pribilof Islands Association

- **National Incident Management System (NIMS) Processes, Protocols, and Procedures – Space 4**

This session will detail Basic Incident Command System (ICS), National Incident Management System (NIMS), National Response Plan (NRP), and what local, State, and Tribal governments must do to gain compliance with the Homeland Security Presidential Directive (HSPD). Participants will get guidance to develop, establish, and administer standard incident management processes, protocols, and procedures that will allow responders to work together more effectively.

Presenter: Ms. Kathleen Cox, Tribal Liaison, Federal Emergency Management Agency (FEMA) Region 10

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

- **Environmental Project Planning, Partnership Building and Project Development – Space 5 & 6**

This session will focus on how to develop long-term community-based environmental and natural resource management projects that have the potential to create lasting change. Rob Rosenfeld will share practical techniques from his experience with Alaskan and Latin American development initiatives. Mary McRae Miller will discuss how local leaders can assess the resources already available to them and how to use strategic partnerships to gain access to them.

Presenters: Rob Rosenfeld, MA: Alaska Region Director of the Yukon River Inter-Tribal Watershed Council; Mary McRae Miller: CEO of the Alaska Funding Exchange

Moderator: Matt Rafferty: Alaska Conservation Foundation

- **Climate Change - Scientific Impacts and Feedbacks (Part 2 of 2) – Space 1**

This panel of scientific experts will provide an overview of the impacts of climate change on the biological world (terrestrial and marine) in Alaska.

Presenters: Matthew Sturm, US Army Corps of Engineers Cold Regions Research & Engineering Laboratory; Glenn Patrick Juday, University of Alaska Fairbanks School of Natural Resources and Agricultural Science; Russell Hopcroft, University of Alaska Fairbanks Institute of Marine Science

Moderator: Deborah Williams, Alaska Conservation Solutions

- **Selected Marine Mammal Species in Alaska: Research and Stewardship of Sea Otters – Space 3**

This session will provide an update on selected research and stewardship activities regarding sea otters and killer whales in Alaska.

Presenters: Douglas M. Burn, U.S. Fish and Wildlife Service: Sea Otter Population Status and Trends in Alaska; Sharon Svaney-Livingston, Qawalangin Tribe of Unalaska: Tribal Sea Otter Research around Unalaska Island; Tim Regan, U.S. Marine Mammal Commission: The ecological role of transient killer whales in the eastern North Pacific and Bering Sea

Moderator: John E. Reynolds, Marine Mammal Commission

- **Models of Community-Led Conservation: Watershed Councils, Tribal Conservation Districts, and Resource Conservation and Development Areas – Williwaw**

The best resource conservation decisions are made at the local level. Learn how these three models operate and what they may be able to offer your community.

Presenters: Charles Parker, Alaska Village Initiatives; Arlene Rosenkrans, Copper Valley Resource Conservation & Development Area

Moderator: Shirley Schollenberg, Homer Soil and Water Conservation District and the Alaska Association of Resource Conservation & Development Areas

- **Environmental Results: How to Develop Performance Measures for Environmental Projects (Part 1 of 2) – Space 11 & 12**

Part 1 of a two-part session for Tribal representatives, non-profits, state, and federal agency staff that includes hands on exercises on how to develop performance measures using a logic model approach to: developing a common understanding of the terminology, use different types of measures (outputs, outcomes, efficiency, etc); learn how to develop a "logic model;" and learn how to develop and choose the right measures for your project.

Presenter: Yvonne Watson, EPA Office of Policy, Economics, and Innovation

Moderator: Martha Barber, EPA, Alaska Grants Coordinator

MORE SESSIONS ON NEXT PAGE >>

2:00 PM - 3:15 PM CONTINUED

- ***The Relationship Between Infectious Diseases and Sanitation Services in Rural Alaska – Space 2***

The results of a 2005 study examining the relationship between disease incidence (lower respiratory tract infections, skin infections and gastro enteric disease) and the provision of sanitation services in rural Alaska will be discussed.

Presenters: Troy Ritter, REHS, Alaska Native Tribal Health Consortium (ANTHC); Tom Hennessy, MD, Centers for Disease Control (CDC) Arctic Investigation Program; Jeff Smith, MPH, REHS, ANTHC
Moderator: Joe Sarcione, EPA

- ***Cleanup of Contaminated Sites: the Basics – Space 9 & 10***

A plain-English explanation of the process and procedures guiding the cleanup of contaminated sites in Alaska. Designed for those who need to explain the state's clean process to others as well as those who want to understand it. Perfect for tribal, military, or community representatives, governmental project managers, and consultants.

Presenters: Marti Early and Deborah Williams, Alaska Department of Environmental Conservation

Moderator: Matt Davidson, Alaska Department of Environmental Conservation

- ***Peak Oil and the Economics of Energy Efficiency – Space 13 & 14***

Is the world nearing its peak oil? Oil on the back side of the peak is much more expensive to produce and serious gaps loom between supply and demand. Is Saudi Arabia really up for the challenge of opening the taps wide for a never ending flow of crude? Where does energy efficiency and renewable resources fit into our energy future? Peak Oil - The Economics of Energy Efficiency may have some answers or at least stimulate some interesting questions.

Presenter: Scott Waterman of the Alaska Housing Finance Corporation
Moderator: Dick Nenahlo, US Army Garrison Alaska

- ***Enhanced Anaerobic Bioremediation of Chlorinated Solvents (Part 1 of 2) – Space 7 & 8***

The session will describe the Principles and Practices of Enhanced Anaerobic Bioremediation of Chlorinated Solvents. The session will begin with a problem statement defining issues at Federal Sites with a history of chlorinated solvents. This will be followed by a technology overview that discuss the principles of the science of enhanced bioremediation. This section will conclude with a description case studies of the practice of enhanced bioremediation in the lower 48 and Alaska.

Presenters: Gloria Beckman, North Wind Inc.; Tamzen Macbeth, North Wind Inc.; Bruce Henry, Parsons; Max Schwenne, Oasis Environmental Inc.
Moderators: Jacques Gusmano, EPA Region 10, Alaska Operations Office; Cristal Fosbrook, U.S. Army Garrison, Alaska

3:30 PM - 4:45 PM

- ***Environmental Results: How to Develop Performance Measures for Environmental Projects (Part 2 of 2) – Space 11 & 12***

Part 2 of a 2 part session for Tribal representatives, non-profits, state, and federal agency staff that includes hands on exercises on how to develop performance measures using a logic model approach to: developing a common understanding of the terminology, use different types of measures (outputs, outcomes, efficiency, etc); learn how to develop a "logic model;" and learn how to develop and choose the right measures for your project.

Presenter: Yvonne Watson, EPA Office of Policy, Economics, and Innovation
Moderator: Martha Barber, EPA, Alaska Grants Coordinator

- ***Climate Change - Northern Shipping Routes & the Alaska Ocean Observing System – Space 1***

Lawson Brigham will discuss future scenarios for marine transport in the Arctic Ocean and Molly McCammon will provide an overview of the monitoring efforts of the Alaska Ocean Observing System.

Presenters: Lawson Brigham, Arctic Research Commission; Molly McCammon, Alaska Ocean Observing System

Moderator: Andrew Halcro, former AK State Legislator

- ***Solar Energy Applications in Rural Alaska – Space 9 & 10***

The Village of Venetie has in place one of the most innovative solar energy applications in rural Alaska. Come and hear more about the world's farthest north, tribally owned, solar projects and learn how this program may apply to your community.

Presenter: Lance Whitwell, Tribal Environmental/Energy Program Coordinator for the Native Village of Venetie

Moderator: Dick Nenahlo, US Army Garrison Alaska

- ***Enhanced Anaerobic Bioremediation of Chlorinated Solvents (Part 2 of 2) – Space 7 & 8***

This session is designed to assist Federal and State Project Managers in defining their Conceptual Site Models to determine if Anaerobic Bioremediation can be effective in remediating chlorinated solvents, in a cost effective way, on their particular site. Much of the information discussed is a result of a joint study by the U.S. Air Force, U.S. Navy, and the U.S. Army.

Presenters: Gloria Beckman, North Wind Inc.; Tamzen Macbeth, North Wind Inc.; Bruce Henry, Parsons; Max Schwenne, Oasis Environmental Inc.

Moderators: Jacques Gusmano, EPA Region 10, Alaska Operations Office; Cristal Fosbrook, U.S. Army Garrison, Alaska

- ***Effective Project Implementation and Grant Management – Williwaw***

This session will focus on managing multiple grants effectively, implementing environmental projects and developing internal systems to track grants for efficient outcome reporting.

Presenters: Rob Rosenfeld, MA: Alaska Region Director of the Yukon River Inter-Tribal Watershed Council; Mary McRae Miller: CEO of the Alaska Funding Exchange

Moderator: Matt Rafferty: Alaska Conservation Foundation

MORE SESSIONS ON NEXT PAGE >>

Alaska Forum on the Environment Agenda - Monday AFTERNOON, February 6, 2006

3:30 PM - 4:45 PM CONTINUED

- ***Bird Flu: What's Hype, What's Real, What is the Threat in Alaska – Space 2***

The biology of avian influenza will be reviewed with regard to the role of wild birds in the emergence of new strains and the spread of influenza viruses. The potential health threat to Alaskan subsistence hunters from wild birds with flu viruses will be discussed. Mechanisms that could lead to a world-wide influenza epidemic from the current bird flu strain that originated in Southeast Asia will be reviewed. National and Alaska plans dealing with pandemic flu will be presented. Plans for surveillance in 2006, including the role of Alaska communities for surveillance, will be discussed.

Presenters: Mike Bradley, Traditional Food Safety Coordinator, Alaska Native Tribal Health Consortium (ANTHC); George Happ, Project Director INBRE, University of Alaska Anchorage (UAA); Dirk Derksen, US Geological Survey; Jay Butler, State Epidemiologist, Section of Public Health, Alaska Division of Health and Social Services

Moderator: Mike Bradley, ANTHC

- ***Alaska Recycling Summit - Opening Session – Space 3***

Get an overview of the Alaska Recycling Summit sessions at AFE. You will receive an update on the Alaska Zero Waste Action Council and its organizational process since conception at AFE in February 2005. We will look at the organization's vision and goals to move forward by forming regional working groups and objectives. The organization's incorporators will also be available during this session. Hear about Zero Waste and recycling in other communities and how they have dealt with some of their obstacles.

Presenters: Mollie Boyer, Valley Community for Recycling Solutions; Roland Shanks, Rural Community Assistance Corporation; Monica Wilson, Global Alliance for Incinerator Alternatives and the Grass Roots Recycling Coalition.

Moderator: Jennifer Williams, Institute for Tribal Environmental Professionals

- ***Selected Marine Mammals in Alaska: Research and Stewardship of Sea Lions and Beluga Whales – Space 5 & 6***

This session will provide an update on selected research and stewardship activities regarding sea lions and beluga whales in Alaska.

Presenters: Mark King, Native Village of Eyak: Tribal Sea Lion Research in Prince William Sound; Lowell Fritz, National Marine Mammal Lab: Steller Sea Lion Population Status and Trends; Helen Chythlook, Bristol Bay Native Association: Kvichak Beluga Research Project

Moderator: Lianna Jack, The Alaska Sea Otter and Stellar Sea Lion Commission

- ***HAZMAT Response in Rural Communities-Alaska National Guard 103rd Civil Support Team – Space 4***

This session will detail the capabilities of the 103rd Civil Support Team (CST) in responding to a hazardous materials (HAZMAT) or weapons of mass destruction (WMD) event in your community.

Presenters: Major Chris Van Alstine, Operations Officer, 103rd Civil Support Team, Alaska National Guard; Sergeant First Class (SFC) Eric Schlemme, Operations NCO, 103rd Civil Support Team, Alaska National Guard

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

4:45 PM - 5:30 PM

Cook Room

SOCIAL EVENT

5:30 PM - 6:30 PM

Arteaga/LaPerouse

ENTERTAINMENT EVENT

Medicine Dream and US Air Force Band

Come join us as the 'US Air Force Band' teams up with 'Medicine Dream' in a unique performance developed for the Alaska Forum on the Environment! This is a great opportunity to meet with friends and colleagues attending the Alaska Forum on the Environment while enjoying some of Alaska's great musicians. This event is open to Alaska Forum on the Environment registrants. Don't miss this unique musical celebration!

NOTES:

TUESDAY

8:00 AM - 9:15 AM
Arteaga/LaPerouse

KEYNOTE EVENT:
Sheila Watt-Cloutier
Inuit Circumpolar Conference



Sheila Watt-Cloutier is Chair of the Inuit Circumpolar Conference (ICC), the Inuit organization that represents the interests internationally of Inuit resident in Canada, Greenland, Alaska, and Chukotka in the Far East of the Federation of Russia. Currently living in Iqaluit, Nunavut, she was born in Kuujuaq, Nunavik (northern Quebec), and was raised traditionally in her early years before attending school in southern Canada and in Churchill, Manitoba.

Ms. Watt-Cloutier has an educational background in counseling, education, and human development. Her early experience as an Inuktitut interpreter for the Ungava Hospital in Nunavik led to a lifetime commitment toward improving health conditions and education in aboriginal communities. Dealing with youth issues holistically is important for Ms. Watt-Cloutier. She contributed significantly to "Silatunimut: The Pathway to Wisdom," the 1992 report of the review of educational programming in Nunavik, and she co-wrote, produced and co-directed the acclaimed youth awareness video "Capturing Spirit: The Inuit Journey."

Ms. Watt-Cloutier has long been a political spokesperson for Inuit. From 1995 to 1998, she was Corporate Secretary of Makivik Corporation set-up under the 1975 James Bay and Northern Quebec Land Claims Agreement. She was elected President of ICC Canada in 1995 and re-elected to this position in 1998, becoming international Chair of ICC in 2002. During her years at ICC Canada, Ms. Watt-Cloutier was spokesperson for a coalition of northern Indigenous Peoples that persuaded states to conclude a global agreement, signed in Stockholm in 2001, to ban the generation and use of persistent organic pollutants (POPs), such as DDT and PCBs, that contaminate the Arctic food web. She received the inaugural global environment award from the World Association of Non-Governmental Organizations in recognition for this work. She is also a recipient of the Aboriginal Achievement Award for Environment which she received in 2004. In 2005 she received the "Champion of the Earth" award, from the United Nations Environment Programme, the Sophie Prize from the Sophie Foundation in Norway, and was further honoured to receive the Northern Medal Award from the Governor General of Canada.

Ms. Watt-Cloutier is currently heavily engaged in climate change initiatives with the aim of persuading states to reduce their emissions of greenhouse gases. She contributed markedly to ICC Canada's 1996-2000 Institution-Building Project for Northern Russian Indigenous Peoples' Project (INRIPP-1), and the ongoing, phase two of this project focusing on economic development and training in remote northern communities. She visited Chukotka in 2003 and announced a pilot project with the region's Indigenous Peoples to promote the marketing internationally of local arts and crafts.

Ms. Watt-Cloutier's vision for her term as Chair of ICC is to put the human/Inuit face on the global map. She feels, if citizens of the world can "connect" with the challenges the Arctic and its people are facing, it will lead to better understanding of how the planet and its people are one. Protect the Arctic-Save the Planet is one of her most common phrases as she delivers speeches throughout many parts of the world.

9:30 AM - 10:30 AM

• **Department of Defense (DoD) Native American Lands Environmental Mitigation Program (NALEMP) – Redoubt**

The Department of Defense will provide information on NALEMP, including projects that have been funded in Alaska. The NALEMP program, nearly 10 years old, provides direct funding to tribes for the cleanup of contamination, unexploded ordnance and aging fuel tanks resulting from military activities that go back more than 50 years. In 2005, approximately 65% of the funds were directed to Alaska's tribes. Information will also include how sites are submitted for inclusion on the Native American Environmental Tracking System (NAETS) and how that relates to funding for tribal projects under NALEMP.

Presenters: Paul Lumley, Senior Tribal Liaison, Department of Defense; Pat Roth, Project Manager, U.S. Army Corps of Engineers Alaska District

Moderator: Sandra Borbridge, Native Liaison, 611th Air Support Group

• **Stafford Act and Disaster Process-How to Make it Work – Space 13 & 14**

This session will describe the Federal, State, and local disaster declaration process during an all-hazard event in your community.

Presenters: Ms. Kathleen Cox, Tribal Liaison, FEMA Region X; Mr. James Butchart, Deputy Director for Emergency Management, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

• **Is Your Outhouse Uphill From Your Drinking Water Well? – Space 7 & 8**

EPA's Underground Injection Control program protects YOUR drinking water by working with operators of motor vehicle repair shops, car washes, large septic systems and others who may discharge into drainfields. Joint presentation by representatives from US EPA Region 10 and the State of Alaska Department of Environmental Conservation on the status of the Ground Water Protection Standards and the results of joint inspection in the Mat-Su Borough.

Presenters: Dorothy Saunders, US EPA Region 10; Alan Kukla, Alaska Department of Environmental Conservation, Anchorage Office.

Moderator: Jim Hostman, 611 Civil Engineer Squadron, Environmental Planning Section

• **US Department of Interior Proposed 5 Year Oil and Gas Leasing Program & The Results of the 2005 Resource Evaluation – Space 11 & 12**

1. OCS 5-Year Leasing Program--The US Department of the Interior plans and proposes a national Outer Continental Shelf (OCS) Oil and Gas Leasing Program. This presentation is an overview of the draft proposal for the next 5 years with an emphasis on the Alaska OCS. It will cover the extent of the proposed program, timing of the sales, and the process used to obtain public input. Presenter: Paul Stang, Regional Supervisor for Leasing and Environment, US Department of the Interior, Minerals Management Service, Alaska OCS Region

2. Results of the 2005 Resource Evaluation--Every 5 years the Minerals Management Service compiles an estimate of the offshore oil and gas reserves lying beneath the Outer Continental Shelf (OCS) areas of the US. These estimates are used in predicting the nation's energy future and evaluation of offshore resource potential, and in planning facilities and local infrastructures associated with oil and gas development. Presenter: Rance Wall, Regional Supervisor for Resource Evaluation, US Department of the Interior, Minerals Management Service, Alaska OCS Region

Moderator: Paul L. Lowry, US Department of the Interior, Minerals Management Service, Alaska OCS Region

• **Wind Energy Applications in Rural Alaska – Space 9 & 10**

Wind power is an abundant natural resource in much of rural Alaska and a potential long term solution to the rising price of diesel generated electricity. First steps to developing the wind as a resource, examples from communities around the state, and information about small wind turbines for use in cold climates will be presented.

Presenters: Greg Kingsley, Sustainable Energy Council of the Alaska Peninsula; Connie Fredenberg, Aleutian Pribilof Islands Association; Jessie Stowell, Northern Power Systems

Moderator: Connie Fredenberg, Aleutian Pribilof Islands Association

• **Environmental Justice and Climate Change – Space 4**

Climate change impacts threaten traditional cultures in the arctic. A view of global climate change impacts on the lives of arctic indigenous peoples as a momentous environmental justice issue.

Presenters: Victoria Hykes-Steere; Sterling Gologergen, Norton Sound Health Corporation; Kassie Siegel, Biological Diversity Project

Moderator: Running Grass, EPA

• **Status of the US Army Garrison Alaska Integrated Natural Resources Management Plan (INRMP) – Williwaw**

The primary purpose of the US Army Garrison Alaska Integrated Natural Resources Management Plan (INRMP) is to establish policies, procedures, programs, and projects to guide natural resources management and public recreational access and use of Army lands in Alaska while at the same time ensuring the use of the lands for military training and readiness. A secondary purpose of the INRMP is to serve as a mutual agreement between the Department of Defense, Department of Interior, and the State of Alaska concerning conservation, protection, and management of natural resources. The INRMP also serves as a funding identification document for the management of natural resources. The current INRMP will expire 30 September 2006. An updated plan is being developed for 2007-2011 and will be the focus of this session.

Presenter: Gary Larsen, US Army Garrison, Alaska

Moderator: Kevin Garner, US Army Garrison, Alaska

MORE SESSIONS ON NEXT PAGE >>

9:30 AM - 10:30 AM CONTINUED

• **A Report on the M/V Selendang Ayu Oil Spill Emergency Response and Cleanup – Space 5 & 6**

This session will provide a report on the wreck of the M/V Selendang Ayu on Unalaska Island in December of 2004, and the subsequent emergency response and oil spill cleanup. The vessel broke in half and spilled 335,732 gallons of petroleum products into the environment. The vessel carried a cargo of 60,000 tons of soybeans.

Presenters: Captain Mark Devries, U.S. Coast Guard; Gary Folley, Alaska Department of Environmental Conservation; Catherine Berg, U.S. Fish and Wildlife Service; Karen Pletnikoff, Aleutian Pribilof Islands Association
Moderator: Lynda Giguere, Alaska Department of Environmental Conservation

• **Climate Change - Traditional Knowledge and Indigenous Observations – Space 1**

This session will hear observations of climate change from Alaska Native Elders and how it is affecting their communities.

Presenters: Bob Aloysius, Kalskag; Anthony Mercurieff, St. George; Oscar Kawagley, UAF, ANSC, Bethel.
Moderator: Elaine Abraham, Alaska Native Science Commission

• **Contaminants in the North - The Stockholm Convention – Space 2**

This panel of speakers will provide a perspective on the U.S. and the Stockholm Convention, a global treaty to eliminate or reduce persistent organic pollutants (POPs). We will also hear about the Arctic Council's international activities to reduce pollutants and will be briefed on Canada's Northern Contaminant Program and its efforts to comply with the Stockholm Convention.

Presenters: John Thompson, U.S. Department of State; Bob Dyer, U.S. Environmental Protection Agency, Office of International Affairs; Pam Miller, Alaska Community Action on Toxics
Moderator: Mead Treadwell, Arctic Research Commission

• **Urban and Rural Areas Meeting the Challenges and Impacts of Recycling – Space 3**

This session will explore the state of recycling in Anchorage and how Alaska's urban centers can work with the rest of the state to improve recycling. A panel will review emerging new markets for recycling; opportunities and challenges in the collection and sale of recyclable commodities; and a discussion of how Anchorage and Alaska urban centers might better coordinate and cooperate with other communities.

Panel Members: Kevin Harun, City of Anchorage; Alaskans for Litter Prevention and Recycling (ALPAR) Representative TBD; Mollie Boyer, Valley Community for Recycling Solutions; Jon Waterhouse, Yukon River Inter-Tribal Watershed Council.

Moderator: Jennifer Williams, Institute for Tribal Environmental Professionals

10:45 AM - 11:45 AM

• **Contaminants in the North: Community-Based Monitoring – Space 2**

Many communities in Alaska are assuming responsibility for monitoring environmental conditions in their villages to determine baseline conditions and monitor contaminant levels, some in land, waterbodies, vegetation, wildlife/subsistence foods, and occasionally humans. Hear more about their work and the parameters they have chosen to focus on.

Presenters: Karen Pletnikoff, Aleutian/Pribilof Islands Association; La'Ona DeWilde, Yukon River Inter-Tribal Watershed Council; Victoria Gofman, Aleut International Association

Moderators: Aquilina D. Lestenkof, Co-Director Aleut Community of St. Paul Island; Phillip A. Zavadil, Co-Director Aleut Community of St. Paul Island

• **Introduction to Pesticides – Space 7 & 8**

This session will provide general information about pesticides in Alaska, and how they are part of our everyday lives. Pesticides are the most regulated group of chemicals in the US. There is often a stigma surrounding pesticides due to misinformation or lack of information regarding their use. The goal of this session is to take away the mystery surrounding pesticides in Alaska and provide an overview of what a pesticide is, how they are used, and how they are regulated.

Presenter: Kim Stricklan, Alaska Department of Environmental Conservation, Solid Waste & Pesticides Program Manager

Moderator: Lynda Giguere, Alaska Department of Environmental Conservation Information Officer

• **Climate Change - Changing Resources and Subsistence Patterns Due To Arctic Warming – Space 1**

This session will discuss how climate change is affecting subsistence resources, patterns, and sustainability of Alaska communities.

Presenters: Dr. John W. Reynolds, III, Chair of US Marine Mammal Commission; Matt Berman, University of Alaska, Anchorage; William Derendoff, Chief, Huslia Tribal Council

Moderator: Larry Mercurieff, Alaska Native Science Commission

• **Environmental Justice and Traditional Tribal Governance – Space 4**

Traditional tribal governance as a means of attaining environmental justice on issues that disproportionately impact indigenous people.

Presenter: Steve Sumida, Alaska Inter-Tribal Council

Moderator: Running Grass, EPA

• **Getting Contaminated Sites in your Community to Redevelopment: The Brownfields Toolbox – Space 11 & 12**

This presentation is geared towards local governments, redevelopment agencies, Native corporations and non-profits interested in an introduction to the technical and financial assistance available for assessment and cleanup of contaminated "brownfield" properties. From human health risks to community eyesores, the impacts of brownfield properties can be far reaching and present an obstacle for rural and urban communities alike in achieving their economic development goals. In this session, we'll review the various state and federal assistance programs available for brownfields assessment, cleanup, and redevelopment and field questions on your specific sites.

Presenter: Brooks Stanfield, Brownfield Unit, EPA Region X

Moderator: Marti Early, Alaska Department of Environmental Conservation

MORE SESSIONS ON NEXT PAGE >>

10:45 AM - 11:45 AM CONTINUED

• *Preparing for Outer Continental Shelf (OCS) Oil and Development – Space 5 & 6*

1. The Minerals Management Service assesses oil-spill risks associated with off-shore energy activities. These analyses address the likelihood of spill occurrences, the transport and fate of any spilled oil, and the environmental impacts that might occur as a result of the spill. Modeling results are used for environmental impact statements, environmental assessments, and biological assessments; endangered species consultations; and industry oil spill response plans. Presenter: Caryn Smith, US Department of the Interior, Minerals Management Service, Alaska OCS Region

2. The Technology Assessment and Research Program supports research associated with operational safety and pollution prevention as well as oil spill response and cleanup capabilities. This program was established in the 1970's to ensure that industry operations on the Outer Continental Shelf (OCS) incorporated the use of the Best Available and Safest Technologies. The Oil Spill Response Research element funds oil response research, and the Operational Safety & Engineering Research element addresses technological issues associated with the complete spectrum of operations ranging from the drilling of exploratory wells to the removal and decommissioning of platforms and related production facilities. Presenters: Christy Bohl and Kyle Monkeliem, US Department of the Interior, Minerals Management Service, Alaska OCS Region
Moderator: Doug Mutter, US Department of the Interior

• *Beyond the Dump: Landfill Design in Alaska – Space 13 & 14*

This session will address landfill design issues unique to landfills in Alaska. Both presentations will present case studies from landfills in Dutch Harbor and Seldovia and their design challenges.

Presenters: Lannie Hughes, Kenai Peninsula Borough; Ted Hawley, MACTEC Engineering and Consulting, Inc.

Moderator: Greg Goodale, Mat-Su Borough

• *Rural School Chemical Storage Awareness – Space 3*

Lessons learned from hands-on experience in identifying and removing hazardous chemicals from rural lab and maintenance school areas. This presentation will discuss the nature and causes of the problem, the sorts of hazards that are present, and remedial programs.

Presenter: Mr. Timothy R. Gablehouse, Colorado Emergency Planning Commission, State of Colorado

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

• *Renewable Energy Policy and Financing Wind Energy Projects – Space 9 & 10*

Learn how the recently passed Federal Energy Bill and State Energy Policy affect funding for wind energy development. Unravel the mystery of "green tags" and how their sale can help fund wind energy projects.

Presenter: Bob Gough, Intertribal Council on Utility Policy/Chris Rose, Renewable Energy Alaska Project

Moderator: Greg Kingsley, Sustainable Energy Council of the Alaska Peninsula

12:00 PM - 1:45 PM

Arteaga/LaPerouse

KEYNOTE EVENT: John Francis, Planetwalker



After witnessing a tanker collision and massive oil spill in San Francisco Bay in 1971, John Francis decided to stop using cars and other motorized vehicles. He gave voice to his protest by taking a vow of silence, which he kept for 17 years. In 1983, he set off on an epic 18-year pilgrimage, walking and sailing to all corners of the Americas to raise environmental awareness and promote earth stewardship. Meanwhile, he also

obtained undergraduate and graduate degrees in environmental studies at the Universities of Oregon, Montana, and Wisconsin. In Montana, he also taught courses without speaking a word.

Francis regained his voice on Earth Day 1990. It was time to share what he had learned in his years of silence. He wrote oil pollution regulations for the U.S. Coast Guard, and was appointed Goodwill Ambassador for the United Nations Environment Programme. Francis, who is also a banjo player, poet, and artist, founded and directs Planetwalk, an educational non-profit organization dedicated to encouraging peace among people by making peace with nature. In 2005, he published his book *Planetwalker: How to Change Your World One Step at a Time*.

He resumed his planetwalk on Earth Day 2005, retracing his steps to see what has changed.

NOTES:

2:00 PM - 3:15 PM

• **Technical Overview of Contaminated Site Management Issues – Space 5 & 6**

An overview of the Petroleum Hydrocarbon Statement of Cooperation (SOC) Working Group that is dealing with petroleum hydrocarbon contaminated site issues. The SOC has several “working groups” addressing different environmental issues. The objective of the SOC Working Group referenced in this session is to develop technical background documents on eight contaminated site issues that can be used as a foundation for Alaska Department of Environmental Conservation (DEC) guidance documents and/or regulation changes. The topics addressed by the SOC include: Phase Partitioning, risk calculations, alternative cleanup levels (ACLs), hydrocarbon characterization, migration to indoor air, dilution-attenuation factors, site characterization and site closeout criteria.

Presenters: Scott Berglund, Federal Aviation Administration. Overview of Petroleum Hydrocarbon SOC Working Group; Larry Acomb, Geosphere. 3- & 4-Phase Partitioning - What is it? And what are the effects on Risk Calculations, Screening Levels & ACLs ?; John Halverson, Alaska Department of Environmental Conservation. DEC’s participation in the Petroleum Hydrocarbon Working Group.

Moderator: Anthony Pennino, CH2M HILL

• **Extended Reach Drilling of Oil and Gas Wells – Space 9 & 10**

Overview of extended reach drilling accomplishments and history plus a review of the methodology and technology used to drill long reach wells and how it benefits the operational and environmental objectives of the oil and gas industry. This technology helps to reduce the size of the “foot print” of oil and gas developments on the North Slope and elsewhere in Alaska.

Presenter: Jerome Eggemeyer, Drilling and Wells Engineering Team Lead, ConocoPhillips Alaska, Inc.

Moderator: Tom Manson, Environmental Coordinator, ConocoPhillips Alaska, Inc.

• **Solid Waste Issues - Case Studies in Permitting and Operating Landfills in Alaska – Space 13 & 14**

This session will concentrate on Alaska-specific solid waste issues. The first presentation will discuss design and operation of freezeback (permafrost) landfills. The second topic under this session will address the changes a facility undergoes when transitioning from a Class III landfill to a Class II facility.

Presenters: Sharon Daniels, Copper Basin Sanitation; Greg Magee, Village Safe Water Program, Alaska Department of Environmental Conservation; Cory Hinds, CH2M HILL

Moderator: Greg Goodale, Mat-Su Borough

• **Emergency Planning and Community Right-to-Know (CRTK) Act 101 – Space 2**

This session will detail the specific requirements of how your community can meet the Federal emergency planning and Community Right-to-Know (CRTK) Act.

Presenter: Ms. Suzanne E. Powers, Emergency Planning Community Right-to-Know Coordinator, U.S. Environmental Protection Agency

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

• **Asbestos Safety And Compliance – Space 7 & 8**

This presentation by EPA inspectors provides essential information about asbestos for the layperson, with a focus on how asbestos removal projects should be managed for a safe outcome. Using inspection photos, the presenters will review the hazards of asbestos; how to identify it in building materials; training requirements for professionals; common examples of everyday products that contain asbestos; protective equipment for workers, and federal regulations. Includes a humorous skit based on a real life inspection of a building renovation gone bad.

Presenters: John Pavitt, EPA Region 10, Alaska Operations Office; Patrick Wallace, EPA Region 10, Office of Compliance and Enforcement

Moderator: Jim Hostman, 611 Civil Engineer Squadron, Environmental Planning Office

• **Why Should We Care if Hazardous Wastes are Disposed of in Our Landfills? – Space 3**

Craig Lorch will discuss the issues related with the improper disposal of potentially hazardous waste such as batteries, fluorescent lights, and electronics, and options for proper management of these materials, including reuse and recycling. Mr. Lorch has over 15 years experience in the recycling/hazardous waste management industry.

Presenters: Craig Lorch, co-owner of Total Reclaim, Inc. and General Manager of EcoLights Northwest, LLC; Larry Zirkle, Total Reclaim

Moderator: Jennifer Williams, Institute for Tribal Environmental Professionals

• **Environmental Justice in Transportation Planning – Space 4**

Presentation and discussion of a best practice guidance document for incorporating environmental justice considerations into transportation planning. The Native Village of Selawik as a case study on the public involvement process for transportation planning.

Presenter: Jon Dunham, Office of Civil Rights, State of Alaska, Department of Transportation and Public Facilities (DOT&PF); Ben Davis, Vice President, Native Village of Selawik

Moderator: Running Grass, EPA

MORE SESSIONS ON NEXT PAGE >>

2:00 PM - 3:15 PM CONTINUED

• **Water Quality Study of Eyak Lake and Orca Inlet – Space 11 & 12**

Presentation and discussion of a year-long screening of a wide range of water quality parameters in Eyak Lake and Orca Inlet, Cordova, Alaska

Presenters: Clark Pearson RS, MS, MPH, Native Village of Eyak; Tricia Waggoner BS, Natural Resources Group (NRG) Inc.

Moderator: Kent Patrick-Riley, State of Alaska Department of Environmental Conservation (DEC)

• **Climate Change - Impacts on Rural Infrastructure – Planning for Change– Space 1**

This panel will look at how climate change is affecting rural infrastructure around Alaska, especially from coastal erosion and flooding, thawing permafrost, and extreme weather. Speakers will also discuss how communities can start preparing now for future impacts given predictions for increased warming throughout Alaska.

Presenters: Mike Brubaker, Aleutian Pribilof Islands Association; Tony Weyiouanna, Village of Shishmaref; John Warren, Alaska Native Tribal Health Consortium

Moderator: Ellen Kazary, Rural Alaska Community Action Program, Inc.

3:30 PM - 4:45 PM

• **Implementation of Innovative Contaminated Site Management Techniques in Alaska – Space 11 & 12**

A review of two sites in Alaska where innovative techniques described in the SOC Risk-Based Petroleum Hydrocarbon Working Group are being applied and evaluated. A federal-state agency "Statement of Cooperation" (SOC) guides this and other "working groups" addressing different environmental issues. The work at these sites involves the crucial issues of risk and costs driving groundwater and soil remediation projects and the evolving remedial strategies that project managers and regulators should evaluate.

Presenters: Larry Acomb, Geosphere. Risky Business: Site Characterization for 4-Phase Risk Calculations with a case study of a FAA Site; Tim Gould, CH2M HILL. Building 2111 & 2112 Site Characterization & Conceptual Model, Remediation, and Closeout Case Study, Fort Wainwright, AK

Moderator: Anthony Pennino, CH2M HILL

• **Navy's Marine Resource Assessment for the Gulf of Alaska Military Operations Area – Space 5 & 6**

The Navy is developing a comprehensive bibliography and database for marine waters where it conducts training, including the Gulf of Alaska. The presentation will describe the methods used to assemble this information, identify partners and summarize the information compiled to date.

Presenters: Hayden Street, Deputy Regional Environmental Coordinator, Navy Region N; WJulie Rivers, Project Manager, Naval Facilities Engineering, Pacific

Moderator: Sandra Borbridge, Native Liaison, 611th Air Support Group

• **Recycling and Backhauling on a Grand Scale: "Having a Vision to Reclaim Our Land, What You Can Do" – Space 3**

This presentation will give a world and local view of electronics recycling combined with an overview of large scale BackHaul/recycling techniques here in Alaska. Find out more about your options for carriers, developing agreements, and packing and/or staging materials, making it happen.

Presenters: Jon Waterhouse, Yukon River Inter-Tribal Watershed Council; Larry Zirkle, Total Reclaim

Moderator: Jennifer Williams, Institute for Tribal Environmental Professionals

• **Environmental Crimes and Environmental Justice – Space 4**

An overview of environmental crime investigative techniques, and the application of these techniques to achieve environmental justice through criminal enforcement. The purpose of the session is to create awareness among environmental crime investigation stakeholders including law enforcement (criminal and civil), prosecutors, community-based organizations, and businesses.

Presenters: Barbara F. Foreman, MJA, LCC Special Assistant for State and Local Program Development Office of Criminal Enforcement, Forensics and Training, U.S. EPA; Special Agent Frank Powers, U.S. EPA, Criminal Investigation Division

Moderator: Running Grass, U.S. EPA

• **Statewide Hazardous Material Capability and Response – Space 2**

This session describes the Federal and State oil and hazardous materials (HAZMAT) response capabilities in Alaska, including details on Federal and State partnership agreements for responding to HAZMAT events in your community.

Presenters: Ms. Mary K. Goolie, Area Planner for Emergency Response, Alaska Operations Office, U.S. Environmental Protection Agency; Mr. Lawrence A. Iwamoto, Prevention Section Manager, Division of Spill Prevention and Response, Alaska Department of Environmental Conservation

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

MORE SESSIONS ON NEXT PAGE >>

3:30 PM - 4:45 PM CONTINUED

• ***Closed But Not Forgotten: Case Studies in Closed Landfill Liability – Space 13 & 14***

Landfills are a known problem when they are open and operating. When a landfill is closed, the adage “out of sight out of mind” holds true. It isn’t until something unfortunate happens that we remember the ongoing liability a landfill represents. This session will explore those liability issues and some of the efforts to mitigate the liability through a discussion of two landfill closure cases studies.

Presenters: Andrew Dimitriou, SLR Inc.; Ted Hawley, MACTEC Engineering and Consulting, Inc.

Moderator: Greg Goodale, Mat-Su Borough

• ***Climate Change - Public Health Questions Raised by a Warming Climate in Alaska – Space 1***

This panel will provide an overview of the public health impacts from climate change we are seeing in Alaska as well as what we can expect from rising temperatures, changing subsistence resources, infectious diseases, and other climate impacts.

Presenters: Michael Bradley, Alaska Native Tribal Health Consortium; Dr. Alan Parkinson, Centers for Disease Control; James Berner, Alaska Native Tribal Health Consortium

Moderator: Joel Scheraga, US EPA, Manager, Global Change Research Program

• ***Alaska Clean Water Actions (ACWA) – Space 7 & 8***

Alaska Clean Water Actions (ACWA) was established to prioritize waterbodies (e.g., streams, lakes, ocean shores) and to better coordinate resource agencies’ efforts in their stewardship, protection, and restoration. The state agencies involved, also called the ACWA partners, are the Departments of Environmental Conservation, Fish and Game, and Natural Resources. The workshop will help the public determine how to apply for ACWA grants; understand their funding source, match and specific requirements; learn what’s available and types of projects for which we are soliciting, areas where work is needed, and other pertinent information.

Presenters: Kent Patrick-Riley, Alaska Department of Environmental Conservation

Moderator: Lynda Giguere, Alaska Department of Environmental Conservation

• ***North Slope Tundra Travel Opening Update – Space 9 & 10***

The Alaska Department of Natural Resources will review the results of its standardized field guidelines for the opening of overland winter tundra travel on the North Slope of Alaska. Results are used to assist land managers in planning winter oil exploration, development, and production activities.

Background of the Modeling Project, results of a 2004 Validation Study, and a summary of how the model was used for this winter’s opening will be presented.

Presenter: Wyn Menefee and Gary Schultz, Alaska Department of Natural Resources

Moderator: Gary Schultz, Alaska Department of Natural Resources

4:45 PM - 5:30 PM

Cook Room

SOCIAL EVENT

5:30 PM - 6:30 PM.

Arteaga/LaPerouse

EVENING EVENT:

**Warren Matumeak, Elder
Charles Wohlforth, Author**



Mr. Matumeak is Inupiaq eskimo, born on December 26, 1927, and raised in Barrow where he lives a subsistence life. He is 78 years old and retired from public service to his people in 1996. Mr. Matumeak spent several years in Anchorage in the mid 1950’s but moved back to Barrow where he currently resides. After retirement, he frequently visits Anchorage and

spends about fifty percent of his time between Anchorage and Barrow. He most appreciates living a subsistence lifestyle – eating caribou, fish, and whale is his favorite. He has five children, five grandchildren and two great grandchildren. Mr Matumeak stated “I love my grand children but I especially love my great grandchildren because life is more complete when a person has great grandchildren-they are addicting.” He enjoys participating in Inupiaq traditional songs and dance. He has been the leader, on and off, of a dance group since the 1950’s. He composed several Inupiaq traditional songs in his lifetime. For Matumeak, Inupiaq traditional dancing is an important part of life and he loves it because it is a lot of good and clean fun; it promotes healthy living without drugs and alcohol; it is a therapy that when dancing, helps you forget the everyday stressors of life. He not only enjoys partaking in traditional dance, but he also enjoys watching others dance, especially young people.



Charles Wohlforth is a life-long Alaska resident and, since 1993, a full-time freelance writer. After receiving a degree in English from Princeton in 1986, he worked as a newspaper reporter in Alaska. He was the lead reporter for the Anchorage Daily News on the Exxon Valdez oil spill. He has written for many publications, including The New Republic, Outside and National

Wildlife, and has four books in print, not including ghost writing and work included in anthologies. Three of Wohlforth’s books are travel guides published by Wiley, and one is a narrative non-fiction account of climate change in the Arctic as experienced by the Eskimos and the scientists studying it, titled The Whale and the Supercomputer. Published by North Point Press / Farrar, Straus & Giroux in April 2004, Whale won The Los Angeles Times Book Prize for Science and Technology, the American Meteorological Society’s Louis J. Battan Author’s Award, and the Alaska Library Association’s Outstanding Alaskan Award. It was cited for the Overseas Press Club of America’s Whitman Bassow Award, was a finalist for the Kiriya Prize, and was listed as one of the year’s best books by Library Journal. Wohlforth is married with four children. He also served two 3-year terms on the Anchorage Assembly, representing the city’s downtown area.

8:00 AM - 9:15 AM
Arteaga/LaPerouse

KEYNOTE EVENT: Edwin Piñero, Federal Environmental Executive



Edwin Piñero was appointed by President George W. Bush in September 2004 to serve as the Federal Environmental Executive in the Office of the Federal Environmental Executive. Mr. Piñero had served as Deputy FEE since January 2003 and had assumed the role of Acting Federal Environmental Executive in June 2004. Previous to this appointment, Mr. Piñero was owner of Piñero Consulting, an environmental

management consulting firm in Pennsylvania. He also worked for then-Pennsylvania Governor Tom Ridge from 1998 to 2001 as Director of the Bureau of Environmental Sustainability in the Pennsylvania Department of Environmental Protection, as well as the State Energy Director.

Over his 22-year career, Mr. Piñero has worked for various environmental consulting firms, taught graduate courses in environmental management for Duquesne University, and was a geologist with Mobil Oil Corporation. He has a Bachelors Degree in Geology from the State University of New York and a Masters Degree in Geology from Texas A&M University.

NOTES:

9:30 AM 10:30 AM

• *Rural Alaska Heating Oil Spill Prevention, Preparedness, and Response Initiative – Space 4*

The purpose of this initiative is to develop a structured approach to achieve a reduction in the number and magnitude of heating oil discharges from heating systems through a variety of public outreach methods. Heating oil tanks in rural Alaska are significant sources of pollution that contribute to the contamination of surface water, ground water, and land. Spills can degrade a drinking water supply over a large area effecting human health and the environment. In some cases, new public water systems may be needed to replace contaminated aquifers or surface water sources. The costs of a spill associated with a release from a standard 300-gallon storage tank averages \$15,000 but can run much higher and are rarely covered by homeowner's insurance. Aside from the main focus on prevention, the secondary aspect of this initiative is to provide rural communities with the knowledge and tools necessary to be fully capable of responding to an oil spill in their community, should one occur.

Presenter: Randy Dowd, Alaska Department of Environmental Conservation
Moderator: Bill Heubner, National Park Service

• *Hazard Mitigation Grant Program and Local Mitigation Plans – Space 7 & 8*

This session will include a brief description of the hazard mitigation grant program and local mitigation plan development using Visual Risk Technology's online planning tool.

Presenter: Mr. Ervin Petty, Disaster Mitigation Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

• *Getting the Numbers that Count for Solid Waste and Recycling – Space 3*

Zender Environmental will show you how to determine the type and amount of trash/recyclables your community is generating by demonstrating a real live "Waste Stream Analysis". You will leave us knowing how to use your results for 1) Identifying priorities for solid waste and recycling, 2) Planning effective program actions, and 3) Increasing your chances of having your solid waste proposals funded. Handouts will be given out and your solid waste questions answered.

Presenters: Lynn Zender, Zender Environmental Planning and Science, LLC;
Simone Sebalo, Zender Environmental Planning and Science, LLC

Moderator: Jennifer Williams, Institute for Tribal Environmental Professionals

MORE SESSIONS ON NEXT PAGE >>

Alaska Forum on the Environment Agenda - Wednesday **MORNING**, February 8, 2006

9:30 AM 10:30 AM CONTINUED

• ***A Demonstration of the Alaska Ocean Observing System in Prince William Sound: A Model for Ocean Observing Throughout the State (Part 1 of 2) – Space 9 & 10***

The purpose of this two-part workshop is to facilitate discussion and interaction among the current group of researchers implementing the ocean observing system, the general public and specific information users or stakeholders. The first session will introduce the various components of the demonstration project in Prince William Sound. The Prince William Sound pilot project is being developed as a model that could be exported throughout the state. This workshop is co-sponsored by the Alaska Ocean Observing System and the Prince William Sound Regional Citizens Advisory Council.

Presenters: Carl Schoch, Alaska Ocean Observing System; Steve Okkonen, University of Alaska Fairbanks; Peter Olsson, Alaska Experimental Forecast Facility; Yi Chao, Jet Propulsion Laboratory

Moderator: Molly McCammon, Alaska Ocean Observing System

• ***Emergency Response Awareness-How to Identify Hazards in Your Community – Space 13 & 14***

Hazardous materials (HAZMAT) awareness session, a must for rural community response personnel.

Presenters: University of Washington Northwest Center for Occupational Health and Safety

Moderator: Ms. Michelle Heun, State Emergency Response Commission Coordinator, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

• ***Climate Change - International Efforts to Address Arctic Warming – Space 1***

This session will look at many efforts underway to reduce global warming pollution and document its impacts.

Presenters: Dean Stinson O'Gorman, Environment Canada; Sheila Watt Cloutier, Inuit Circumpolar Conference; Elaine Abraham, Alaska Native Science Commission; Patricia Cochran, Alaska Native Science Commission

Moderator: Rudy Brueggemann, Canadian Consulate

• ***Military Munitions Response Program (Part 1 of 2) – Space 11 & 12***

Military Munitions and the Military Munitions Response Program.

This technical session is an introduction to military munitions and a discussion of the Military Munitions Response Program (MMRP). The MMRP is a comprehensive program within the Defense Environmental Restoration Program that will address the potential health and safety hazards present at munitions response sites. Munitions response sites are areas the Department of Defense has historically used for live-fire training and testing requirements and are no longer used for that purpose. These sites have been found to contain or are suspected to contain unexploded ordnance, discarded military munitions, or munitions constituents.

Presenter: Jason Weigle, Alaska Department of Environmental Conservation

Moderator: Richard Nenahlo, US Army Garrison, Alaska

• ***Invasive Species in Alaska: Aquatic Plants – Space 5 & 6***

Invasive species in Alaska: what aquatic species are here, which ones are on their way, and an example of what we can do about it.

Presenter: Mary Pfauth, Oregon Center for Lakes and Reservoirs: Aquatic plants: what's here and what may be coming

Presenter: Shane Serrano, Ted Steven International Airport: What'll we do: Lake Hood Aquatic Management Plan

Moderator: Denny Lassuy, U.S. Fish and Wildlife Service

• ***Contaminants in the North: Impacts to Human Health & a Subsistence Lifestyle – Space 2***

While some globally transported pollutants have been detected in our environment, it is important to learn more about how to balance their potential presence in traditional foods with the unsurpassed nutritional and cultural values of these foods. Hear experts from the medical, nutritional, and health fields provide their perspectives.

Presenters: Jim Berner, Alaska Native Tribal Health Consortium; Kari Hamrick, University of Alaska, Institute for Circumpolar Health; Scott Arnold, Alaska Department of Health & Social Services Division of Public Health

Moderator: Kristi Bischofberger, Municipality of Anchorage

10:45 AM - 5:00 PM

• ***Exciting Field Trip to Local Recycling and Solid Waste Facilities and an Innovative Village Program – Meet at registration desk in Upper Lobby***

Alaska Zero Waste Action Council is hosting a field trip to tour the Anchorage Landfill, Valley Community for Recycling Solutions facility and Chickaloon Village's innovative uses of recovered resources and alternative energy sources. The field trip will offer an opportunity to compare solid waste management and recycling alternatives.

Transportation and lunch will be provided. THERE ARE 55 SEATS AVAILABLE, PLEASE SIGN UP AT THE REGISTRATION DESK ASAP TO ENSURE YOUR SEAT. The bus will depart the Egan Center at 11:00am sharp.

WEDNESDAY

10:45 AM - 11:45 AM

• ***Invasive Species in Alaska: Terrestrial Animals – Space 5 & 6***

Invasive species in Alaska: what terrestrial species are here, which ones are on their way, and an example of what we can do about it.

Presenter: Rick Sinott, Alaska Department of Fish and Game: What's here and what may be coming: from slugs to sabertooths!

Presenter: Joe Meehan, Alaska Department of Fish and Game: What'll we do: Rat Management Planning in Alaska

Moderator: Denny Lassuy, U.S. Fish and Wildlife Service

• ***Military Munitions Response Program (Part 2 of 2): Munitions Response Site Prioritization Protocol – Space 11 & 12***

The Munitions Response Site Prioritization Protocol was published in the Federal Register on October 5, 2005. The Protocol will be used to assign a relative priority to each defense site for the response activities related to unexploded ordnance, discarded military munitions, munitions constituents, and overall conditions at the Defense site. This workshop will discuss where the Protocol came from, what it is, how the prioritization works, and how communities and stakeholders will be involved.

Presenter: Jason Weigle, Alaska Department of Environmental Conservation

Moderator: Richard Nenahlo, U.S. Army Garrison, Alaska

• ***Contaminants in the North: Alaska Fish Studies & the National Perspective – Space 2***

Panel of presenters will provide the most recent data from the State of Alaska Fish Study, results of an investigation into contaminants in Arctic freshwater systems and whitefish, and a window into the status of seafood advisories nationwide.

Presenters: Bob Gerlach, Alaska Department of Environmental Conservation; Jesse Ford, Oregon State University, Dept of Fisheries & Wildlife; Jeff Bigler, US Environmental Protection Agency National Fish & Wildlife Contamination Program

Moderator: Jeff Bigler, US Environmental Protection Agency National Fish & Wildlife Contamination Program

• ***Rural Alaska Landfill Design and Burnbox Options: Best Management Practices – Space 3***

Alaska Department of Environmental Conservation (DEC) will present Best Management Practices for Class III landfills, which will include procedures for possible conceptual designs of rural landfills, siting considerations, operation procedures, and burning procedures that will be accepted.

Presenter: Kim Stricklan, P.E. DEC Solid Waste Program Manager

Moderator: Lynda Giguere, DEC Information Officer

• ***Climate Change - Private Sector Solutions to Reduce Greenhouse Gas Pollution – Space 1***

This session will look at how companies are reducing greenhouse gas emissions on their own and using new carbon trading mechanisms to reduce emissions across business sectors.

Presenters: Dan Caniparoli, CH2M Hill; Michael J. Walsh, Chicago Climate Exchange; Charles A. Christopher, BP Americas Inc.

Moderator: Sean Skaling, Green Star, Inc.

• ***School Vulnerability and All-Hazards Assessment Program Training – Space 13 & 14***

This session will provide training that covers the basic methodology of conducting school vulnerability and all-hazards assessment in your community.

Presenters: Mr. John W. Madden, Deputy Director for Homeland Security; Mr. Gary Brown, Emergency Program Manager, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

• ***IGAP Negotiations Open Working Session – Space 4***

IGAP applicants will have the opportunity to meet with an EPA Tribal Coordinator to discuss general questions about proposals previously submitted. Environmental professionals including Bill Stokes, APIA, and Joe Sarcone, EPA, will also be available for technical assistance. Please contact your Tribal Coordinator if you would like to specifically request a meeting with them.

Moderator: Jennifer Curtis and Cathy Villa, US EPA

• ***A Demonstration of the Alaska Ocean Observing System in Prince William Sound (Part 2 of 2) – Space 9 & 10***

The purpose of this two-part workshop is to facilitate discussion and interaction among the current group of researchers implementing the ocean observing system, the general public and specific information users or stakeholders. The second session will focus on introducing the web page products that allow access to real-time and historical data, maps and graphs, and education tools. The Prince William Sound pilot project is being developed as a model that could be exported throughout the state. This workshop is co-sponsored by the Alaska Ocean Observing System and the Prince William Sound Regional Citizens Advisory Council.

Presenter: Molly McCammon, Alaska Ocean Observing System

Moderator: Joe Banta, Prince William Sound Regional Citizens' Advisory Council

12:00 PM - 1:45 PM
Arteaga/LaPerouse

KEYNOTE EVENT:
Craig Zablocki, Positively Humor



Craig's success in using humor and a lighter approach has encouraged and inspired thousands!

A nationally known speaker and consultant, Craig has spoken to over 600,000 people internationally and in all 50 states. Craig has shared the platform with President George Bush, Al Gore, and Tom Peters. He was the first outside speaker to address the student body of Columbine High School after its tragedy.

Craig presents to Fortune 500 companies, legislators, public service and health-care professionals, college campuses, non-profit service organizations, and victim rights groups. He has authored *Improv 101*, *Unleash Your Creative Spirit* and co-authored the book, *Humor Me* as well as authored many articles for major publications. He has appeared on countless radio and television programs, including Nation Public Radio which gives practical tools to loosen up, become more creative, and live in the moment.

A background in business, teaching in an inner-city school, and performing in a professional improvisational comedy troupe allows Craig to speak from a unique perspective. His unscripted style has been compared to a hybrid of Robin Williams and Wayne Dyer. One participant wrote, "We should harness his energy - it could power a small city. His passion and commitment to making a difference is contagious!"

NOTES:

WEDNESDAY

2:00 PM - 3:15 PM

• **Salmon Bycatch in the Pollock Fishery – Williwaw**

Learn about how the new "Voluntary Rolling Hotspot Program" will help reduce bycatch of Chinook and Chum Salmon. The Pollock industry, in conjunction with Western Alaskan Fishermen and the North Pacific Fisheries Management Council recently came up with a new method to reduce bycatch after ten years of utilization of the salmon savings areas. Salmon bycatch affects all salmon users in Western Alaska. Salmon bycatch for Chinook and chum salmon has been the highest it has ever been these past two years with high rates of salmon being caught inside the Savings areas. The new plan, known as the "'Voluntary Rolling Hotspot Program' will go into effect this coming summer or fall. The Yukon River Drainage Fisheries Association funded research at the at the University of Washington to analyze scale samples taken in the observer trawls, so new information has contributed to what we know about the component of Western Alaskan salmon, specifically Yukon River salmon in the bycatch and their location in the Bering Sea. We have lessons learned about how to work with other user groups, when to bring fishermen into the public policy arena and how to make positive change working together with competing interests.

Presenter: Rebecca Robbins, Yukon River Drainage Fisheries Association

Moderator: Jill Klein, Yukon River Drainage Fisheries Association

• **Burnboxes and Class III Landfill Design in Rural Alaska – Space 3**

Jim Vogel will cover current burn box applications in rural Alaska, and their growing acceptance in managing the wastestream. Brett Jokela will discuss Class III landfills in Alaska. This talk will take into account many of the unique aspects of construction of a landfill in rural Alaska.

Presenters: Jim Vogel, Bristol Environmental & Engineering Services Corporation; Brett Jokela, MWH

Moderator: Greg Goodale, Mat-Su Borough

• **Asbestos in the Community – How to Identify Emergency Hazards and What to Do – Space 4**

HAZMAT asbestos awareness session, a must for rural community response personnel.

Presenters: University of Washington Northwest Center for Occupational Health and Safety

Moderator: Mr. Edward "Ted" Smith, Planning and Outreach Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

• **How to Conduct an All-Hazards Exercise – Space 13 & 14**

This session provides the steps necessary to coordinate and conduct community all-hazards exercise.

Presenters: Mr. Greg Gould, Emergency Program Manager, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs; Mr. Mike Sutton, Exercise and Evaluation Team, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs; Mr. Patrick Bonser, Exercise and Evaluation Team, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

• **Invasive Species in Alaska: Terrestrial Plants – Space 5 & 6**

Invasive species in Alaska: what terrestrial plant species are here, which ones are on their way, and an example of what we can do about it.

Presenter: Matt Carlson, University of Alaska Anchorage: What's here: distribution of invasive plants in Alaska

Presenter: Michael Shepard, U.S. Forest Service: What's coming: which weeds are worrisome?

Presenter: Penny Bauder, National Park Service: What'll we do: success stories and what we each can do

Moderator: Jamie Snyder, U.S. Forest Service/University of Alaska Fairbanks Cooperative Extension Service

• **Climate Change - Global Warming Policy at the Local, State and Federal Levels – Space 1**

This panel will review the significant progress has been made at the federal, state and local level to move global warming policies forward. Hear an overview of the efforts to reduce greenhouse gas emissions at the state and local level as well as new momentum in Congress to develop national legislation.

Presenters: Rafe Pomerance, Climate Policy Center; Joshua Bushinsky, Pew Center on Global Climate Change; Margit Hentschel, ICLEI-Local Governments for Sustainability

Moderator: Fran Ulmer, Institute for Social and Economic Research at UAA

• **Contaminants in the North: Wildlife Studies – Space 2**

Panel presentations will include an overview of contaminant research in Caribou in the Yukon territory of Canada and prospects for a pan-northern Caribou study; results from a study of mercury in Northern Pike from the Kuskokwim drainage; a broad spectrum of contaminants in chum & king salmon from the Yukon River; and the recent outbreak of infectious disease (*Vibrio parahaemolyticus*) in Alaskan oysters.

Presenters: Mary Gamberg, Gamberg Consulting, Whitehorse, Yukon; Keith Mueller, U.S. Fish & Wildlife Service; Joe McLaughlin, Alaska Department of Health & Social Services, Division of Public Health

Moderator: Dixon Landers, EPA Office of Research & Development

MORE SESSIONS ON NEXT PAGE >>

2:00 PM - 3:15 PM CONTINUED

- **The Nelson Island Consortium - Traditional Yup'ik Value Based Environmental Protection – Space 9 & 10**

Traditional Yup'ik values protect the environment and human health. Caninermiut/Qaluyatt-Ilu Nunmamta Menuitengnaqlerkaanun Nunam Caliarat. THIS SESSION WILL BE PRESENTED IN YU'PIK WITH ENGLISH TRANSLATION.

Presenters: Representatives from Chefornak, Nightmute, Newtok, Tununak, Nunakauyak, Umkumiut and Kipnuk

Moderator: A representative from a Nelson Island Consortium village

- **Community Involvement - The Bering Sea Ecosystem Study, North Pacific Research Board, and the International Polar Year – Space 11 & 12**

This session will present overviews of three funding programs that focus on the Arctic and/or Bering Sea regions. All three programs seek community involvement in research, as the presentations will describe. The session is intended for anyone interested in learning more about research opportunities in the Arctic and Bering Sea.

Presenters: Clarence Pautzke, North Pacific Research Board; Mary Pete, University of Alaska, Fairbanks-Kuskokwim Campus; Renee Crain, National Science Foundation

Moderator: Henry Huntington, Huntington Consulting

- **National Environmental Policy Act (NEPA) Training for Non-professionals (Part 1 of 2) – Space 7 & 8**

What is an EIS? An EA? Scoping? Why is it important to participate in the NEPA process? How can one effectively participate? Find out answers to these questions and discover how you can make a difference by attending this half-day training session.

Presenters: Valerie Thomas, Bureau of Indian Affairs; James Lima, Minerals Management Service; Dianne Soderlund, Environmental Protection Agency; TBA, Tribal representative; TBA, industry representative

3:30 PM - 4:45 PM

- **Building Alaska Native Environmental Programs and Projects – Space 3**

Build your capacity, enhance your funding recourses and develop a stable environmental program through a tribal driven "sharing the model" program. A non profit group with over 30 years of experience with Western Washington Tribes is offering free training for Alaska Native Tribal Organization's Environmental Programs and Projects. The training would include sharing the experience with building programs and funding resources and creating a future alliance and network with Tribes from Western Washington and Alaska. The alliance would involve the shared concern with the environment; salmon recovery and habitat enhancement, shellfish protection and testing, clean water monitoring and review, data collection and storage, and other related environmental issues.

Presenters: Lyn Muench, Natural Resources Director, Jamestown S'Klallam Tribe; Christine Woodward, Natural Resource Director, Samish Indian Tribe; Debra Lekanof, Grants Administrator/Coast Salish Aboriginal Council Coordinator, Swinomish Indian Tribal Community

Moderator: Fran Wilshusen, Assistant Director, Northwest Indian Fisheries Commission

- **The International Polar Year – Space 11 & 12**

Planning is underway around the world for the International Polar Year (IPY) 2007. Learn more about IPY and the opportunities it presents and provide input on involving Alaskans in this international endeavor. IPY '07 is the 4th IPY, building on what was learned during IPYs in 1882, 1932 and 1957 and what has been learned since then. Important contributions to previous IPYs came from research in Alaska, particularly near Barrow. The purpose of IPY 2007 is to increase understanding of the polar regions and their role in the global system through scientific investigations and to share knowledge about the polar regions through education, outreach and participation. IPY 2007 will include the residents of the Arctic in the planning and conduct of research and address questions of resilience and sustainability of circumpolar peoples.

Presenters: Renee Crain, National Science Foundation; John Kermond, University Corporation for Atmospheric Research; Gary Hufford, National Oceanographic & Atmospheric Administration

Moderator: Renee Crain, National Science Foundation

- **National Environmental Policy Act (NEPA) Training for Non-professionals (Part 2 of 2) – Space 7 & 8**

What is an EIS? An EA? Scoping? Why is it important to participate in the NEPA process? How can one effectively participate? Find out answers to these questions and discover how you can make a difference by attending this half-day training session.

Presenters: Valerie Thomas, Bureau of Indian Affairs; James Lima, Minerals Management Service; Dianne Soderlund, Environmental Protection Agency; TBA, Tribal representative; TBA, industry representative

MORE SESSIONS ON NEXT PAGE >>

3:30 PM - 4:45 PM CONTINUED

- **Resource Data for Land Managers: How to Use Soil Survey and Snow Survey – Space 4**

Soil Surveys, the most fundamental of all resource data, provide a scientific inventory of soil resources and associated landform, vegetation, and surface hydrology data. The inventories provide landowners and communities with baseline data for their lands. The data can be used to monitor and manage land resources and select the most suitable sites for various land uses including buildings, roads, landfills, forestry and agriculture. The data can also be used to identify potential sources of sand and gravel, as well as different wildlife habitats. Snow Surveys provide information on snow depth, snow water content, precipitation, air temperature, and solar radiation to help water users, flood and avalanche forecasters, and communities make daily and weekly forecasts during peak snow melt runoff periods. In these two mini-sessions you will learn how different communities and land managers use soil and snow surveys in natural resource planning, what areas of Alaska are covered by soil and snow surveys, how to access to access the data, and where to go for more help. Soil Survey will begin promptly at 3:30; Snow Survey will begin at 4:10. Questions will be taken at the end of each mini-session.

Presenters: Joe Moore, State Soil Scientist, USDA Natural Resources Conservation Service; Rick McClure, Snow Survey Leader, USDA Natural Resources Conservation Service
Moderator: Cassandra Stalzer, Public Affairs Specialist, USDA Natural Resources Conservation Service

- **Heavy Metal (Lead) in the Community – How to Identify Emergency Hazards and What to Do – Space 13 & 14**

HAZMAT lead awareness session, a must for rural community response personnel.

Presenters: University of Washington Northwest Center for Occupational Health and Safety

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

- **Amchitka Nuclear Test Sites Update – Space 9 & 10**

Hear the results of an independent study into possible marine contamination at Amchitka Island, in the western Aleutians, as the result of three underground nuclear tests decades ago. The Consortium for Risk Evaluation with Stakeholder Participation (CRESP) will present the results of their recent study of the physical and biological environment including subsistence and commercial food resources. The Department of Energy and the Alaska Department of Environmental Conservation will talk about future plans to monitor for radioactive seepage.

Presenters: Charles Powers, PhD., Principal Investigator of CRESP, John Halverson, Alaska Department of Environmental Conservation, and Peter Sanders, US Department of Energy.

Moderator: Marti Early, Alaska Department of Environmental Conservation

- **Climate Change - Bringing It All Together: Open Dialogue – Space 1**

This will be a chance for the audience to discuss the various issues raised at previous sessions - climate science and impacts, business solutions, and policy initiatives - and talk about what it all means for Alaska's future.

- **Invasive Species in Alaska: Aquatic Animals – Space 5 & 6**

Invasive species in Alaska: what aquatic animal species are here, which ones are on their way, and an example of what we can do about it.

Presenter: Steve McGee, Alaska Department of Fish and Game: Marine: what's here and what may be coming

Presenter: Bob Piorkowski, Alaska Department of Fish and Game: Freshwater: what's here and what may be coming

Presenter: Bob Lafferty, Alaska Department of Fish and Game: What'll we do: Northern Pike Management in Southcentral Alaska

Moderator: Bob Piorkowski, Alaska Department of Fish and Game

NOTES:

Alaska Forum on the Environment Agenda - Thursday, February 9, 2006

8:00 AM - 12:00 PM

• **Indian Environmental General Assistance Program (IGAP) Plenary Opening Session – Cook**

The IGAP Opening Plenary session will feature a keynote presentation by a well-known Alaskan Native Elder working in the environmental arena. EPA will also feature a panel of EPA Program Managers to discuss national perspectives, Region 10 Policy developments, and an Alaska Operations Office Update.

Opening Keynote Presenter: Anagayuqaq Oscar Kawagley (Yupiaq), Educator

Panel Presenters: Gwen Carter, Nez Perce; Micheal Bogert, EPA Regional Administrator; MaryBeth Clarke, EPA Senior Tribal Policy Liaison; Marcia Combes, Director, EPA Alaska Operations Office; Tim Hamlin, Unit Manager, Tribal Trust and Assistance Unit

Moderator: Santina Gay, EPA Alaska Operations Office

8:00 AM - 5:00 PM

• **Restoration Advisory Board Meeting – LaPerouse**

Restoration Advisory Boards (RABs) were created in recognizing the importance of public involvement at military installations that require environmental restoration. RABs bring together people who reflect the diverse interests within the local community, enabling the early and continued flow of information between the affected community, Department of Defense (DoD) and environmental oversight agencies. DoD supports RABs to ensure that all stakeholders have a voice and can actively participate in a timely and thorough manner in the review of restoration documents. RAB community members provide advice as individuals to the decision-makers on restoration issues. RABs provide a forum to be used for the expression and careful consideration of diverse points of view. This one day training session is designed to provide information and training opportunities for the Co-Chairs of Alaska RABs and the DoD. A specific agenda for the day is provided at the event.

9:00 AM - 11:00 AM

• **Rural Coalbed Working Group Meeting – Space 1**

Private Meeting - by invitation only. This is a technical working group meeting on the current state of coal-bed methane research.

For further information or to attend contact Jim Hemsath at 907 452-2672 or Mike Lilly at 907 479-8891

• **Climate Change - What Can be Done at the Local Level? – Space 7 & 8**

This discussion is geared toward municipal, village, or tribal officials interested in hearing more about what can be done at the local, community level to curb greenhouse gas emissions and promote more sustainable energy practices through planning and zoning, building codes, energy purchases, transportation policies, and operation of government buildings and facilities. Participants will hear about ICLEI's Cities for Climate Protection (CCP) campaign and how communities in Alaska are already adopting sustainable energy policies.

Presenters: Deborah Williams, Alaska Conservation Solutions; Margit Hentschel, ICLEI - Local Governments for Sustainability; Chris Rose, Renewable Energy Alaska Project

Moderator: Susanne Fleek, Alaska Conservation Foundation

9:00 AM - 5:00 PM

• **Alaska Recycling Summit and Alaska Zero Waste Action Council Meeting – Space 3**

We'll start off with a discussion of zero waste, alternatives to incinerators, and grass roots recycling organization. There will be time for communities to share their activities and network with other communities. We hope to build a statewide community of recyclers, who support and help each other to build recycling programs in Alaskan communities of all sizes. Finally, please join us to determine where the Alaska Zero Waste Action Council, the Alaska statewide waste reduction and recycling workgroup, will go from here. What would help your community start or improve your recycling program.

Presenters: Mollie Boyer, Valley Community for Recycling Solutions; Roland Shanks, Rural Community Assistance Corporation; Monica Wilson, Global Alliance for Incinerator Alternatives and the Grass Roots Recycling Coalition.

12:00 PM - 1:45 PM

• **LUNCH ON YOUR OWN**

Alaska Forum on the Environment Agenda - Thursday, February 9, 2006

1:00 PM - 5:00 PM

- **North Slope Lakes Workshop – Space 2**

Open workshop on North Slope lake hydrology and water use associated with petroleum development. A review of the current understanding of winter water use from Arctic coastal plain lakes.

Moderator: Jim Hemsath, US Department of Energy

- **Community Emergency Response Plan Training – Space 1**

This session will provide a template, guidance, and examples to communities in how to write a community emergency response plan that covers all-hazards.

Presenters: Ms. Mary K. Goolie, Alaska Area Planner for Emergency Response, U.S. Environmental Protection Agency (EPA), Ms. Elise DeCola and Mr. Tim L. Robertson, Nuka Research and Planning Group, LLC./U.S. EPA, and Mr. Terry Smith, State Lead Planner, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

Moderator: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

2:00 PM - 3:15 PM

- **Basics of IGAP Grant Management – Space 14**

Overview of Indian Environmental General Assistance Program (IGAP) Act, and environmental regulations, including 40 CFR Parts 31 and 35. Highlights of IGAP program requirements that every tribal staff person involved with IGAP should know.

Moderator: Jennifer Curtis, US EPA

- **EPA Programs in Alaska, What We Do: An Introduction for New IGAP Staff – Space 9 & 10**

An overview for new tribal environmental IGAP professionals on EPA programs, grants, and services.

Moderator: Adrienne Fleek, US EPA

- **IGAP Circuit Riders: Grants Management Assistance from IGAP Grantees for IGAP Grantees – Space 7 & 8**

A panel of Circuit Rider providers will discuss their programs, and the types of technical assistance that they can provide to Tribes under their Circuit Rider Program.

Presenters: Curyung, Huslia, Port Graham, Alaska Inter-Tribal Council, Aleutian Pribilof Islands Association, Central Council Tlingit and Haida Indian Tribes of Alaska, Yukon River Inter-Tribal Watershed Council

Moderator: Tim Hamlin and Fred Matsuno, US EPA

- **Integrating Language and Culture into Environmental Programs – Space 11 & 12**

Esteemed panel of speakers discuss their insights and experiences in education, to offer participants the tribal perspective on building environmental programs with native language and culture as the foundation.

Presenters: Larry Mercurieff, Alaska Native Science Commission; Angayuqaq Oscar Kawagley, University of Alaska Fairbanks; Marie Meade, University of Alaska Anchorage

Moderator: Tami Fordham, EPA Region 10, Alaska Operations Office

- **National Pollution Discharge Elimination System (NPDES) in Alaska – Space 4**

This session will present one Tribe's experience consulting on NPDES permit renewals, including lessons learned and advice for other Tribes. Cindi Godsey will give a presentation on the relationship between NPDES permits and mine development. Professor William Rodgers from the University of Washington will give a national overview of NPDES. Other presenters TBA at the session.

Presenters: Violet Yeaton, Native Village of Port Graham; Cindi Godsey, US EPA, R10; Professor William Rodgers, University of Washington.

Moderator: Michelle Davis, US EPA

3:30 PM - 4:45 PM

• **Step up, Get Involved: Regional Tribal Operations Committee (RTOC)! – Space 11 & 12**

Tribes make RTOC, so let your voice be heard on important issues that matter to your Tribe! Introduction to the Committee, it's role, and members. Discussion of what RTOC can do for Tribes and how to get involved. Updates on recent elections at the national level, tribal budget developments, and statewide collaboration on what issues lie ahead.

Presenters: Gwen Carter, Nez Perce, Regional Tribal Operations Committee, Chair; MaryBeth Clarke, US EPA; Lydia Olympic, Iguigig; Daniel Ellanak, Native Village of Ouzinkie; John Morris, Jr., Sitka Tribe; Violet Yeaton, Native Village of Port Graham

Moderator: Rosalie Kalistook, Orutsararmiut

• **Statewide On-line Environmental Tools and Resources – Space 7 & 8**

Examples of Statewide Alaska on-line resource projects will be shared.

Presenters: Ray Paddock and Kerri Sheakley, Central Council Tlingit and Haida Indian Tribes of Alaska Solid Waste Alaska Network; Ellen Kazry, RurALCAP AEHRO Database; Brad Ault, DEC Water Watch Database (invited)

Moderator: Bill Stokes, Aleutian Pribilof Islands Association

• **Grants Management: Contracting and Consulting – Space 14**

Contracting and Consulting: What is required in this section of the Procurement Regulations. Discussion will also focus on how to negotiate to achieve local capacity building and environmental results when entering into contracts, and lessons learned from the tribal perspective.

Presenters: Phil Zavadil, Aleut Community of Saint Paul

Moderator: Mahri Lowinger, US EPA

• **Funding Opportunities for Alaskan Tribes – Space 9 & 10**

A mix of new, old and little known funding opportunities for Alaskan Tribes.

Presenters: Patrick Durham, US Fish and Wildlife Service, Native American Liaison; Representatives from Alaska Conservation Foundation

Moderator: Michelle Davis, US EPA

• **Creating a Tribal Environmental Database: Documenting Environmental Hazards, Organizing Observations, Managing Information, and Protecting Sensitive Data – Space 4**

Tribal case studies and "how to" approach on taking tangible environmental program results, and creating a sustainable infrastructure to look at long term trends or changes in the environment.

Presenters: Aquilina Lestenkoff, Aleut Community of St. Paul Tribal Government; Phil Zavadil, Aleut Community of St. Paul Tribal Government; Debra Lekanoff, Swinomish Tribe

Moderator: Cathy Villa, US EPA

THURSDAY

NOTES:

Alaska Forum on the Environment Agenda - Friday, February 10, 2006

8:00 AM - 8:45 AM

• **IGAP Plenary Keynote Event: Professor William Rodgers, University of Washington – Cook**

Professor Rodgers shares his insights on developments in Indian Law over time, as described in his latest book.

Presenter: Professor William Rodgers, University of Washington.

Moderator: Fred Matsuno, US EPA

8:00 AM - 11:30 AM

• **Communicating with the Media and General Public – Space 3**

This session will teach the basic skills of dealing with the media during an all-hazards event in your community.

Presenter: Mr. Jamie Littrell, Public Information Officer, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

Moderator: Ms. Michelle Heun, State Emergency Response Commission Coordinator, Division of Homeland Security and Emergency Management, Alaska Department of Military and Veterans Affairs

8:00 AM - 5:00 PM

• **HAZWOPER 8-Hour Refresher: Hazardous Substance and Extreme Hazardous Substance Training and Awareness – Space 7 & 8; Space 9 & 10**

HAZWOPER Refresher course, a must for rural community response personnel. Participants wanting to take this session must pre-register or sign up in advance at the main conference registration desk.

You must be a paid Alaska Forum on the Environment (AFE) Conference registrant to take this annual 8-hour HAZWOPER refresher class. This training applies only to those who engage in hazardous waste/substance operations, hazardous materials emergency response, and who have previously completed either 24-hour or 40-hour hazardous waste site training. This course satisfies the Occupational Safety and Health Administration (OSHA) 8-hour annual refresher training requirements for employees conducting hazardous waste operations as specified under 29 Code of Federal Regulations (CFR) 1910.120. Topics covered, as recommended under 29 CFR 1910.120(e)(8) will include: safety plan development and site entry procedures, chemical hazards, biohazards, nature of radiation/radiation protection methods, selecting appropriate personal protective equipment (PPE), air monitoring, decontamination, and hazard communications. Please ensure that you add your name to the sign-up list for this session event by: 1) selecting the online or paper registration form, or 2) contacting 888.301.0185 (toll free).

Presenters: University of Washington Northwest Center for Occupational Health and Safety

8:30 AM - 4:00 PM

• **The National Energy Education Development (NEED) Program in Alaska – Tools for Understanding Energy – Space 4**

This workshop session will provide a hands-on look at energy education and its impact on student and teacher understanding of the natural resources used to provide us the electricity we use to warm our homes, light our lives, and cook our food. It will also promote an understanding of the transportation fuels we use to move our products and selves from place to place. A strong understanding of energy - its forms, sources, and uses - is inherent to an understanding of the environment and economics.

The mission of the National Energy Education Development (NEED) Program is to promote an energy conscious and educated society by creating effective networks of students, educators, business, government, and community leaders to design and deliver objective, multi-sided energy education programs. NEED is active in 45 states and U.S. Territories. Alaska sponsors of the NEED program include the U.S. Department of the Interior, Minerals Management Service, Marathon Oil Company, BP, and the U.S. Department of the Interior, Bureau of Land Management.

Workshops and in-services provide educators with materials and training to implement comprehensive energy education programs in their classrooms. Participating schools receive teacher training, student workshops, classroom curriculum materials, and participate in energy field trips. The NEED program is perfectly suited to achieve the goals and objectives of the Anchorage Public School District's science curriculum, and has been correlated to the State of Alaska's science goals and objectives. The NEED program in Alaska is working to expand training sessions to rural school districts by providing training sessions or funding travel to centrally-held sessions.

Presenter/Facilitator: Mary E. Spruill, National Energy Education Development, Washington, D.C.

Alaska Forum on the Environment Agenda - Friday, February 10, 2006

9:00 AM - 10:00 AM

- **IGAP Successes and Challenges: Working Session Breakouts (Part 1 of 2) – Cook**

Tribal representatives do geographic breakouts to discuss accomplishments they were most proud of in 2005, and share their challenges, which will be presented during the report out session. Elders, tribal representatives, agency officials, and RTOC members will be present to listen to successes and challenges.

Moderator: Tim Hamlin, US EPA

9:00 AM - 12:00 PM

- **North Slope Lakes Operators Meeting – Space 2**

Private Meeting - by invitation only. Meeting of the North Slope Lakes project team.

10:00 AM - 12:00 PM

- **IGAP Successes and Challenges: Plenary Report Outs (Part 2 of 2) – Cook**

Tribal representatives will present a compilation of successes and challenges that their geographic regions have experienced in 2005. Elders, tribal representatives, agency officials and Tribal Operations Committee members will be present to listen to successes and challenges.

Moderator: Tim Hamlin, US EPA

11:15 AM - 3:30 PM

- **NAFWS/Tribal Water Quality Training Program (TWQTP) – Space 1**

NAFWS/Tribal Water Quality Training Program (TWQTP) is conducting their second recertification training for participants who have completed Phases II or III of our workshops. This training is a Quality Assurance/Quality Control (QA/QC) measure for the data collection of water chemistry and macroinvertebrate bioassessment.

Recertification provides an opportunity for participants to brush up on their water quality testing skills while marking the precision and accuracy of their data. Chemistry recertification will run from 11:15-12:45 with a 1/2 hour lunch following (light lunch will be provided). Bioassessment recertification will go from 1:15-2:45 with a 45 minute Q&A/wrap-up. You may attend either or both of these two segments.

Moderator: Shawna Trumblee, NAFWS

12:00 PM - 1:45 PM

- **LUNCH ON YOUR OWN**

2:00 PM - 3:30 PM

- **IGAP Closing Plenary Session – Cook**

IGAP Closing discussion, IGAP training evaluations, and RAFFLE!

Moderator: Cathy Villa, US EPA

NOTES:

FRIDAY

Ancillary Events and Meetings

MONDAY, FEBRUARY 6, 2006

3:00 PM - 4:30 PM

• **Tribal First Chiefs and Presidents reception with Commander, Alaskan Command – Board Room (Private Meeting - by Invitation Only)**

Opportunity for elected First Chiefs, Presidents and Chairs of Alaska tribes to meet with Lt Gen Doug "Skeet" Fraser and other senior Alaska military officers in an informal but private environment.

TUESDAY, FEBRUARY 7, 2006

6:45 PM

• **Dinner hosted by the Consulate of Canada, Anchorage (By Invitation Only)**

Foraker Room, Hilton Hotel, 500 West Third Avenue, Downtown Anchorage
Please RSVP Rudy Brueggemann by email at rudy.brueggemann@international.gc.ca or by phone at 907-264-6719.

WEDNESDAY, FEBRUARY 8, 2006

9:30 AM - 11:45 AM

• **Statement of Cooperation (SOC) Meeting (Private Meeting - by Invitation Only) – Board Room**

Federal and State government agency leadership meeting to address environmental issues and topics.

2:00 PM - 5:00 PM

• **Elders Talking Circle (Private Meeting - by Invitation Only) – Board Room**

Alaska Native Elders and Federal/State Government leaders participate in private Talking Circle to discuss relevant issues.

5:30 PM - 8:30 PM

• **Join the Yukon River Inter-Tribal Watershed Council (YRITWC) Staff and Program Updates – Space 3**

Join the Yukon River Inter-Tribal Watershed Council to meet the full staff. We will be talking about accomplishments from the last year, upcoming projects for the new year and how we can all work together to accomplish our vision to drink water directly from the Yukon River.

WEDNESDAY, FEBRUARY 8, 2006 CONTINUED

6:00 PM - 8:00 PM

• **Youth Global Warming Evening – Arteaga**

Global Warming and Future Generations: Sponsored by the Alaska Youth for Environmental Action (AYEA) program of the National Wildlife Federation.

Alaskans hear stories each day about the impacts of global warming on our wildlife, land, waterways, infrastructure, and economy. But what about the impacts on future generations of Alaskans? What are the options for our future leaders in addressing this issue? Please join AYE members and special guests Dr. Robert Corell and Rafe Pomerance as we explore new scientific discoveries and address solutions. As chair of the Arctic Climate Impact Assessment, Dr. Corell oversaw a five-year study by 300 scientists from fifteen countries who studied the effects of climate change in the Arctic. Rafe Pomerance Rafe is currently the Chairman of the Climate Policy Center and has been working on climate change since the late 70's. After hearing from these specialists, AYE members will share their global warming outreach project and invite interested teens to become involved.

FREE! Teens and other young people are highly encouraged to attend! Event is open to entire Anchorage community as well. Refreshments provided.
ayea@nwf.org or (907) 339-3907.

• **Climate Change – Town Hall Meeting – Space 1**

This special session will feature a "Town Hall Meeting" to discuss findings and recommendations from the Arctic Climate Impact Assessment and Arctic Human Development Report. An overview of each of the reports will begin the discussion followed by an open public dialogue, giving stakeholders, researchers, and others an opportunity to provide feedback to the authors and policy-makers. Similar Town Hall Meetings are being held in other Arctic Nations under the sponsorship of the Northern Research Forum.

Moderator: Carl Hild, UAA and Patricia Cochran, ANSC

Presenters: Robert W. Corell, Chair ACIA and Sr. Research Fellow, American Meteorological Society; Carl Hild, Associate Director, Institute for Circumpolar Health Studies, University of Alaska Anchorage; Lead Author, Human Health and Well-being, Arctic Human Development Report

FRIDAY, FEBRUARY 10, 2006

7:30 PM

• **Scrap Arts Music presents Phonk!**

Anchorage Center for Performing Arts – Public Performance

Experience a fantastic display of percussive precision as five hyper-kinetic performers play amazing instruments skillfully crafted from salvaged and recycled junk. Scrap Arts Music is a dizzying show of beats, full-on gymnastic agility, and intricate, eye-catching choreography. Their music is a fusion of world music traditions and 21st century pop played on dazzling sculptural instruments. Don't miss this exciting, edge-of-your-seat show that's been compared to Blue Man Group and Stomp! It's great for all ages.

For tickets, visit the Anchorage Center for the Performing Arts- Ticket Office (open from 10 a.m. to 5 p.m. Monday through Friday) or call 263-ARTS (2787) or 1-877-ARTS-TIX (278-7849)

NOTES:



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