

WELCOME

Northwest Arctic Borough: Oil Spill Workshop

May 22 - 23, 2012



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Logistics

- Fire Exits
- Restrooms
- Dining: breakfasts, lunches & snacks
- Tuesday evening
 - Fran Ulmer US Arctic Research Commission presentation & reception
 - Movie (optional)
- Logistical questions see Kathy Mandsager or me



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Thank You

- Thank you for warm welcome
- Thank you to Northwest Arctic Borough
- Thank You to NOAA for funding workshop
- Thank you to Park Service for facility
- Thank you to OSRI for travel scholarship funding



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Thank You

- Thank you to Workshop Organizing Committee:

Ukallaysaaq Tom Okleasik

Puya Bob Schaeffer

Michael Oliver

Lincoln Saito

Wendie Schaeffer

Millie Hawley

Amy Merten

Mary Baker

Scott Pegau

Cheryl Rosa

John Whitney



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THANK YOU!



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- Partnership between NOAA's Office of Response and Restoration and the University of New Hampshire
 - UNH Co-Director - Nancy Kinner
 - NOAA Co-Director - Amy Merten
- Funding for oil spill research was decreasing
- Coordinate and fund oil spill research



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Overall Mission

- Conduct and oversee basic and applied research and outreach on spill response and restoration
- Transform research results into practice
- Educate/train students for careers in spill response and restoration
- Facilitate workshops bringing together ALL STAKEHOLDERS to discuss spill issues and concerns



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OIL SPILL (Offshore Drilling or Transportation)

Response

Natural Resource Damage Assessment
(NRDA)

Restoration and Recovery



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Workshop Background

- April 2010 - CRRC hosted workshop in Anchorage "NRDA in Arctic Waters: The Dialogue Begins"
 - Goal: initiate dialogue to identify data gaps for resources at risk from oil spill
- April 2011 - CRRC hosted workshop in Anchorage "Arctic ERMA®"
 - Goal: provide information & tools to support response decision-making for spills in Arctic and subarctic waters



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Workshop Background

- April 2011: Arctic Communities Organizing Committee formed
- Regular meetings for past year
- Organized this workshop
- Plan is to host similar workshop in Barrow
- Goal: continued collaborative discussion on NRDA and Arctic ERMA



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Kotzebue Workshop Goals

- Discuss community involvement in spill response and natural resource damage assessment (NRDA)
- Integrate local community knowledge into Environmental Response Management Application (ERMA®)
- Enhance relationships between local communities & governmental agencies regarding planning and preparation for potential oil spill response & restoration



Tuesday Morning

AGENDA - DAY 1

9:00 AM	Opening Prayer Local Elder
	Welcome - Northwest Arctic Borough Mayor Siikauraq Martha Whiting
9:15 AM	Welcome and Overview of Meeting Overview of Oil Spill Response, Planning & Preparation, Arctic ERMA®, NRDA and Restoration/Recovery Nancy E. Kinner, <i>UNH Co-Director, CRRC</i> Amy Merten, <i>NOAA Co-Director, CRRC and Chief NOAA's Spatial Data Team</i>
9:30 AM	Goals and Expectations of This Meeting Ukallaysaaq Tom Okleasik, <i>NWAB</i>
9:40 AM	Participant Introductions & Expectations
10:20 AM	Break
10:30 AM	Introduction to Spill Response for Offshore Oil Developments/Exploration in the Chukchi Sea Francis Schiano, <i>USCG</i>
10:50 AM	Ecological Risk Assessment for the Northwest Arctic Subarea Contingency Plan Mary Baker
11:00 AM	Introduction to Arctic ERMA® Amy Merten
11:30 AM	Lunch (provided)



Tuesday Afternoon

2:45 PM	Group Reports to Plenary Session
3:30 PM	Introduction to Natural Resource Damage Assessment (NRDA), Restoration/Recovery Mary Baker, <i>NOAA</i>
4:30 PM	Adjourn meeting
5:00 PM	Presentation: "How can science improve decision-making in the Arctic?" Fran Ulmer, <i>USARC Chair</i> (This will be held at the Nullagvik Hotel's conference room. Reception to follow)
6:30 PM	Movie Night at the Heritage Center (optional)



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Breakout Group Questions

Session I: Discussion of Oil Spill Response & Arctic ERMA

Theme: Logistics of spill response, concerns, how local communities can most effectively participate, and how ERMA can help

- What specific concerns do you have relative to planning and preparation for spill response?
- What specific concerns do you have relative to spill response implementation & management?
- What are your initial reactions to the Arctic ERMA Prototype?
- How could the tool be useful for community involvement in spill response?
- What information would you like to see included in the tool to support response decisions?
- What are best practices for community involvement in spill response, planning, and preparation?



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Wednesday Morning

AGENDA - DAY 2

- 8:30 AM **Opening Prayer and Announcements**
Ukallaysaaq and Nancy Kinner
- 8:45 AM **Arctic ERMA® in NRDA and Restoration/Recovery**
Mary Baker, Amy Merten
- 9:15 AM **Small Group Breakout Session II: Discussion of NRDA, Restoration/Recovery**
Theme: Logistics of NRDA, concerns, how local communities can most effectively participate, and how ERMA can help



Breakout Group Questions

Session II: Discussion of NRDA, Restoration, and Recovery

Theme: Logistics of NRDA, concerns, how local communities can most effectively participate, and how ERMA can help.

- What effects of oil spills most concern you (for example, health and use of natural resources)?
 - Marine mammals
 - Birds
 - Fish
 - Crab or other shellfish
 - Land mammals
 - Other cultural concerns (for example, education, language, arts)
- Are there special habitats or specific areas that you are most concerned about? (for example, sensitive areas, historical sites, camp areas)
- Give the changing Arctic environment, what background/baseline information do you think we need to consider about the health of the environment before a spill occurs?
- How could the ERMA tool be useful for evaluating effects of spills?
- What information would you like to see included in the tool to support evaluation of effects?
- What are best practices for community involvement in evaluating effects?



Wednesday Early Afternoon

11:00 AM **Small Group Breakout Session III: Discussion of NRDA, Restoration & Recovery**
Theme: Exploring restoration options and how ERMA® can help

Breakout Group Questions:

- What specific concerns do you have relative to restoration and recovery?
- Are there examples of habitat areas that could be improved?
- Are there other sources of contamination that could be controlled?
- What traditional methods of restoration and recovery are practiced?
- What could be done to sustain cultural and subsistence practices that might be affected by oil?
- How could the ERMA tool be useful for planning restoration?
- What information would you like to see included in the tool to support restoration planning?
- What are best practices for community involvement in restoration and recovery?

12:30 PM **Lunch (provided)**

1:30 PM **Group Reports to Plenary Session**



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Wednesday Afternoon

1:30 PM **Group Reports to Plenary Session**

2:15 PM **Small Group Breakout Session IV: Populating Arctic ERMA® with Data/Information**
Theme: Determining which information would be most helpful

Breakout Group Questions:

- What data sets do not yet exist, but are needed to support planning or decision making?
- What are the output requirements and/or functionalities of these data?
- Are there any access restrictions to these data?
- What are the highest priority data needs?
- Where do important existing data sets currently reside?

4:15 PM **Wrap Up**

5:00 PM **Adjourn**



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Workshop Outcome

- Report on workshop to be widely circulated
- Improved Arctic ERMA®
- Enhanced relationships between communities & government agencies



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