

Welcome Participants!

Submerged Oil *State of the Practice and Research Needs*

Coastal Response Research Center December 12 - 13, 2006



Coastal Response Research Center

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Nancy Kinner
Amy Merten

December 12 - 13, 2006



Center Staff

- Co-Directors:
 - UNH - Nancy Kinner
 - NOAA - Amy Merten
- Research Scientist - Kim Newman
- Project Coordinator - Kathy Mandsager
- Assistant: Kristin Bailey-McCarthy



Logistics

- Packet contents
- Bathrooms
- The New England Center has WiFi
- Emergency exits
- Center “Help Desk”
- Parking permits for New England Center lot
- Light continental breakfast & beverages each morning at 8:15 am
- Full hot & cold Buffet lunch
- Evening dinner at Mahalos (cash bar available)



Coastal Response Research Center Mission



Coastal Response Research Center

Center Creation

- Funding for oil spill research decreasing
 - Government
 - Private sector
- Many research needs exist regarding spill response, recovery and restoration
- ORR/UNH oil spill partnership started in 2002
- Coastal Response Research Center formed in 2004



Overall Center Mission

- Develop new approaches to spill response and restoration through research/synthesis of information
- Serve as a resource for ORR and NOAA
- Serve as a hub for spill research, development, and technical transfer

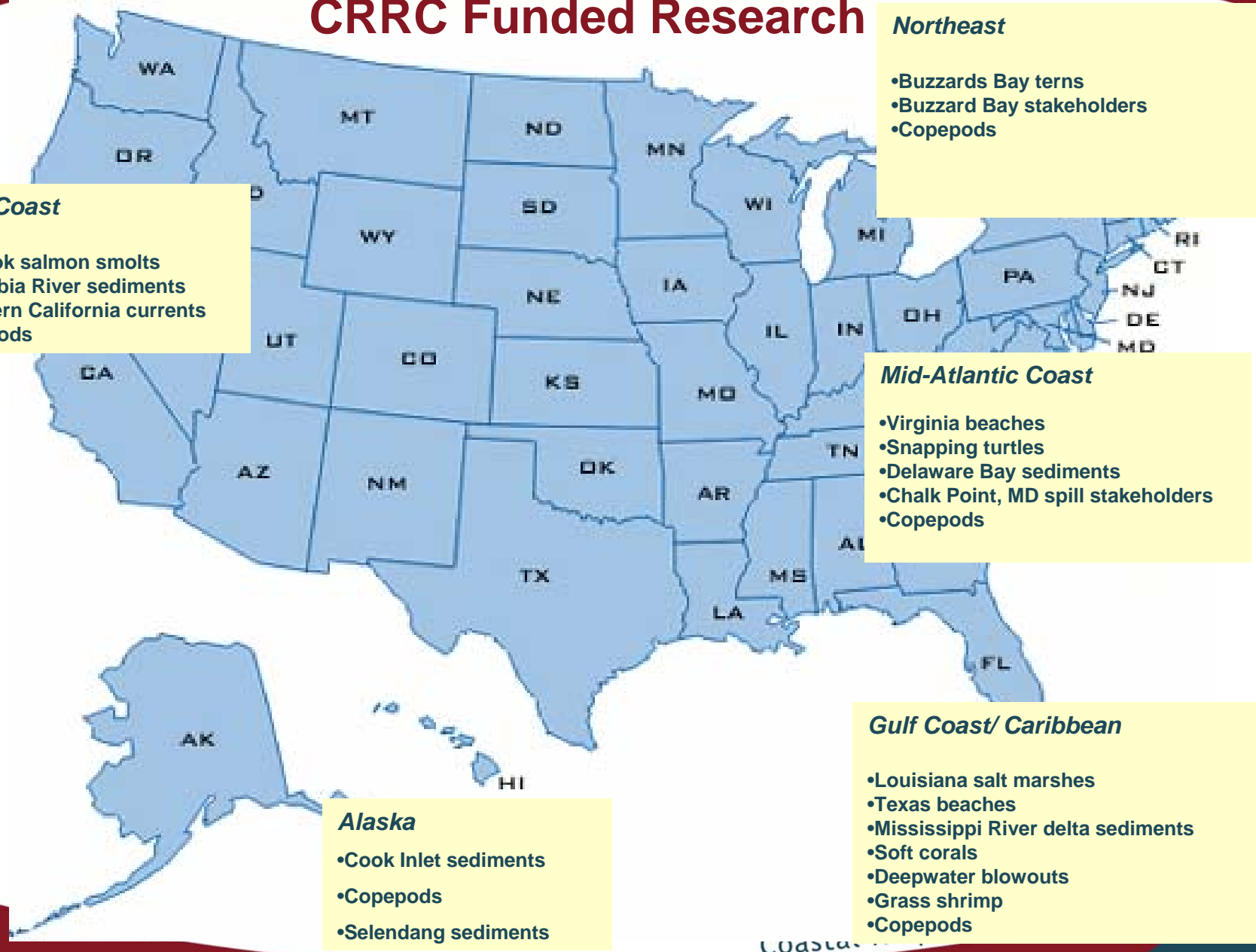


Specific Center Missions

- Conduct and oversee basic and applied research and outreach on spill response and restoration
- Transform research results into standards of practice
- Encourage strategic partnerships to achieve mission
- Conduct outreach to improve preparedness and response
- Create a learning center to promote awareness of capabilities and realistic expectations about risks and benefits



CRRC Funded Research



Participant Introductions

Name

Affiliation

Interests for Participation



Submerged Oil Issues

- Increasing trend in commerce of heavy oils to the U.S. (including NE, e.g., Piscataqua River)
 - *Athos I* - DE River (2004) - 264,000 gallons Venezuelan Heavy Crude
 - *DBL 152* (2005) - Gulf of Mexico - 3 million gallons of No. 6 Heavy Oil
 - *Provence* (1996) - ~1,000 gal released/~100 gal recovered
- Little capabilities for:
 - Detection and monitoring
 - Modeling fate and transport processes
 - Recovery and containment
 - Protection of water intakes and natural resources
 - Effects and restoration



Submerged Oil Workshop

- Define current state of the art and explore current research
- Identify research needs in topic areas
- Identify RFP topics and research teams
- Coordinate R&D programs with USCG, NOAA, MMS and Industry (National and International)
- Participant diversity



State of Knowledge - Kick Off

- Recent Case Studies
 - Steve Lehmann (NOAA OR&R Scientific Support Coordinator, NE Region)
- Submerged oil state of knowledge overview -
Jacqui Michel (Research Planning, Inc., President)
- Biological impacts and restoration primer
 - Deborah French-McCay (Applied Sciences and Associates, Principal Scientist) -- check

