

# WELCOME

## Coordinating R&D on Oil Spill Response in the Wake of Deepwater Horizon

March 22-24, 2011



Coastal Response Research Center

# Logistics

- Fire Exits
- Restrooms
- Dining: breakfasts, lunches & snacks
- Tuesday evening dinner: Mike Anderson's (car pool)
- Logistical questions see Kathy Mandsager or other CRRC staff



# Background, Goals, Outcomes

- Logistics
- Today's Agenda
- Coastal Response Research Center
  - Overall Mission
- Workshop Background
- Workshop Goals
- Workshop Outcomes



# Tuesday Morning

## AGENDA—TUESDAY, MARCH 22

- 9:30 AM      Registration/Check-In
- 10:00 AM      Welcome  
Background and Workshop Goals & Outcomes  
Nancy Kinner, *UNH Co-Director, Coastal Response Research Center*
- 10:30 AM      Participant Introductions
- 10:50 AM      Opening Remarks  
Tom Coolbaugh, *ExxonMobil*  
Doug Helton, *NOAA Office of Response & Restoration*  
Mike Carron, *Gulf Research Initiative*  
Paul Bishop, *National Science Foundation*
- 11:10 AM      DWH Response Perspective  
Charlie Henry, *NOAA Office of Response & Restoration*



# Tuesday Afternoon

<b>12:00 PM</b>	<b>Workshop Structure &amp; Logistics</b> Nancy Kinner
<b>12:20 PM</b>	<b>Breakout Session I: Setting the Stage</b> <b>Mini Topic Presentation</b> Group A: Dispersant Effects Group B: Dispersant Efficacy Group C: Detection Group D: Human Dimensions Group E: Seafood Safety Modeling Group F: Modeling Group G: Acquisition, Synthesis & Management of Information
<i>1:00 PM</i>	<i>Working Lunch in Breakout Groups (provided)</i>
<b>3:15 PM</b>	<b>Group Reports (5-10 minutes each)</b>
<b>4:30 PM</b>	<b>Adjourn</b>
<i>6:00 PM</i>	<i>Dinner—Mike Anderson's Seafood (provided)</i>



# Coastal Response Research Center

- Partnership between NOAA's Office of Response and Restoration and the University of New Hampshire
- Funding for oil spill research was decreasing
- Coordinate and fund oil spill research
- Facilitate workshops bringing together ALL STAKEHOLDERS to determine and prioritize R&D needs



# Overall Mission

- Conduct and oversee basic and applied research and outreach on spill response and restoration
- Transform research results into practice
  - NOAA Liaisons
- Educate/train students who will pursue careers in spill response and restoration



# Workshop Background

- Previous R&D plans
  - 2003 CRRC Oil Spill R&D Priorities
  - 2005 NRC Report on Oil Spill Dispersants Efficacy and Effects
  - 2006 R&D Needs for Oil Spill Dispersants
  - 2006 R&D Needs for Human Dimensions of Oil Spill Response
  - 2007 Submerged Oil R&D Needs
  - 2009 Oil Spill R&D Priorities
  - September 2010: Joint Industry Oil Spill Preparedness and Response Task Force
  - January 2011: Presidential Commission on BP DWH Oil Spill & Offshore Drilling
  - Modeling Working Group
  - Dispersant Working Group





# Workshop Background

- Research projects rapidly solicited and funded during and immediately after DWH
  - \$19M in NSF RAPID grants
  - \$40M awarded through Gulf Research Initiative Rapid Response (\$460M over next 10 years)
  - ~\$2M awarded through EPA
- Clearly a potential for overlap and duplication, but also collaboration and partnership



# Workshop Goals

- 1) Update R&D needs for spill response for:
  - A. Dispersant effects
  - B. Dispersant efficacy
  - C. Detection
  - D. Modeling
  - E. Human dimensions
  - F. Seafood safety monitoring
  - G. Acquisition Synthesis and Data Management
- 2) Create a dialogue between researchers and response practitioners to ensure the usefulness and application of the findings



# Breakout Questions

## **Breakout Session I: Tuesday, March 22** *Setting the Stage*

An assigned group member will give a brief presentation and overview of breakout group topic and status of the national R&D needs prior to Deepwater Horizon.

- 1) What were the state-of-the-art oil spill response practices with respect to TOPIC, prior to the Deepwater Horizon (DWH)?
- 2) What were the research and development needs prior to DWH?
- 3) How are/were these needs being addressed before or in the wake of DWH?



# Workshop Goals

- Topics this meeting will NOT cover:
  - Natural Resource Damage Assessment (NRDA) activities or studies
  - Research focusing on impacts to Gulf from DWH
  - Response issues specific to Arctic



# Workshop Outcome

- Workshop report + appendices
- Report: summary of each groups discussion and conclusion with updated list of R&D needs
- Appendices: recorder's notes from each group & presentations from plenary sessions
- Report will be available to all
  - Emailed to participants
  - Posted on CRRC website
- Use as template for R&D going forward

