

Deepwater Horizon: How the Science Gained Might Transform Future Responses & Damage Assessment

May 6, 2016

A Congressional Briefing hosted by
Senator Jeanne Shaheen (D-NH)



Coastal Response Research Center

Today's Panel

- **Nancy Kinner**
 - Professor, University of New Hampshire
 - UNH Director, Coastal Response Research Center
 - Director, Center for Spills & Environmental Hazards
- **Lisa DiPinto**
 - Senior Scientist, NOAA Office of Response and Restoration, Assessment and Restoration Division
 - Chief NOAA Scientist, DWH Natural Resource Damage Assessment (NRDA)
 - Case Coordinator, DWH Damage Assessment
- **Dave Westerholm**
 - Director, NOAA Office of Response and Restoration



Coastal Response Research Center (CRRC)

- Partnership between NOAA's Office of Response and Restoration and the University of New Hampshire
 - Emergency Response Division (ERD)
 - Assessment and Restoration Division (ARD)
- Since 2004
 - UNH co-director - Nancy Kinner
 - NOAA co-director - Mark Miller (since 2015)



Overview of CRRC & CSE

Coastal Response
Research Center
(NOAA \$)

Center for Spills in the
Environment
(All Other \$)

- Conduct and Oversee **Basic** and **Applied** Research and Outreach on Spill Response and Restoration
- Transform Research **Results into Practice**
- Serve as **Hub for Oil & Environmental Spill R&D**
 - ALL Stakeholders: Federal, State, NGOs, Academia, Industry
- **Facilitate Collaboration** on R&D Among Stakeholders
- Application to All Hazards



UNH Centers and DWH Science

- During DWH = Dispersants Focus:
 - Dispersant Use Science Summit - May 2010
 - Dispersant Data Meeting - July 2010
 - Dispersant Use in Spill Response - Sept 2011
- Arctic Oil Spill Focus:
 - Arctic ERMA Workshop
 - Natural Resource Damage Assessment in Arctic
 - State of Science of Dispersants in Arctic
- Other DWH Related Focus:
 - Environmental Disaster Data Management
 - Oil Observing Tools



Today's Objectives

- Overview of DWH Natural Resource Damage Assessment
- Focus on Science from the NRDA
- Accessing the thousands of datasets available from the DWH NRDA
- Research and restoration going forward
- Application to Oil Spill Response
 - Planning, Preparedness, Response, Restoration



Lisa DiPinto

Senior Scientist,
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Assessment and Restoration Division
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Dave Westerholm

Director,
NOAA Office of Response and Restoration



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Current CRRC Initiatives

- Continuing State of Science of Dispersants in Arctic
- NOAA Regional Preparedness Workshops
 - Spill Response Use of Dispersants in Flower Garden Banks Marine Sanctuary (TX)
 - Natural Disaster Causing Oil Spill Disaster in Mobile Bay (AL/MS)
 - Addressing Public Concerns during Spill Response (FL)
 - Shoreline Clean-up and Assessment - Updating Techniques



Thank you!

- CRRC website: <https://crrc.unh.edu>
- Nancy Kinner: nancy.kinner@unh.edu

