

Welcome

NOAA ORR/USCG
ME and NH Sea Grant
ME DEP and NH DES



Coastal Response Research Center

CRRC/NOAA ORR/USCG ME and NH Sea Grant ME DEP and NH DES Joint Event

January 25, 2010

Nancy E. Kinner
Coastal Response Research Center
(CRRC)
UNH Co-Director



Coastal Response Research Center

LOGISTICS

- Fire Exits
- Restrooms
- Lunch
- Many Thanks to USCG for Hosting Us



CRRC STAFF

- Nancy Kinner - UNH Co-Director
- Kathy Mandsager - Program Coordinator
- Heather Ballesterro - Ph.D. Student



Today's Meeting

CRRC/NOAA ORR/USCG
ME and NH Sea Grant
ME DEP and NH DES



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Meeting Goals

- Dialogue among ME/NH oil spill response/restoration community and ME/NH Sea Grant agents
- Awareness of each entities mission
- Identification of potential areas of cooperation
 - Louisiana example
 - NOAA Office of Response and Restoration (ORR) and ME/NH Sea Grant interest





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Introductions

- Name
- Affiliation
- Location
- Brief Job Description



Topics Covered

- CRRC Overview
- Oil Spill Response in U.S.
- Human Dimensions of Spills



CRRC Overview



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CRRC CREATION

- NOAA's Office of Response and Restoration (ORR)/UNH Spill Partnership in 2004
- Co-Directors:
 - UNH - Nancy Kinner
 - NOAA - Amy Merten
- Funding for Oil Spill Research Decreasing
 - Government
 - Private sector
- Many Research Needs Exist Regarding Spill Response, Recovery and Restoration



CENTER MISSIONS

- Conduct and Oversee Basic and Applied Research and Outreach on Spill Response and Restoration
- Transform Research Results into Practice
- Educate/train students Who Will Pursue Careers in Spill Response and Restoration



OUTREACH EFFORTS

- Workshops on Hot Topics to Identify Research Priorities and Partners
 - Dispersed Oil: Efficacy and Effects
 - Submerged Oil: State of the Practice
 - Human Dimensions of Spills
 - Dispersed Oil Research Forum
 - Integrated Modeling
 - PAH Toxicity
 - Environmental Response Management Application (ERMA™)
 - Environmental Response Data Standards
 - HEA Metrics Workshop
 - Opening the Arctic Seas: Envisioning Disasters & Framing Solutions
 - Oil Spill Research Needs



Oil Spill Response in U.S.



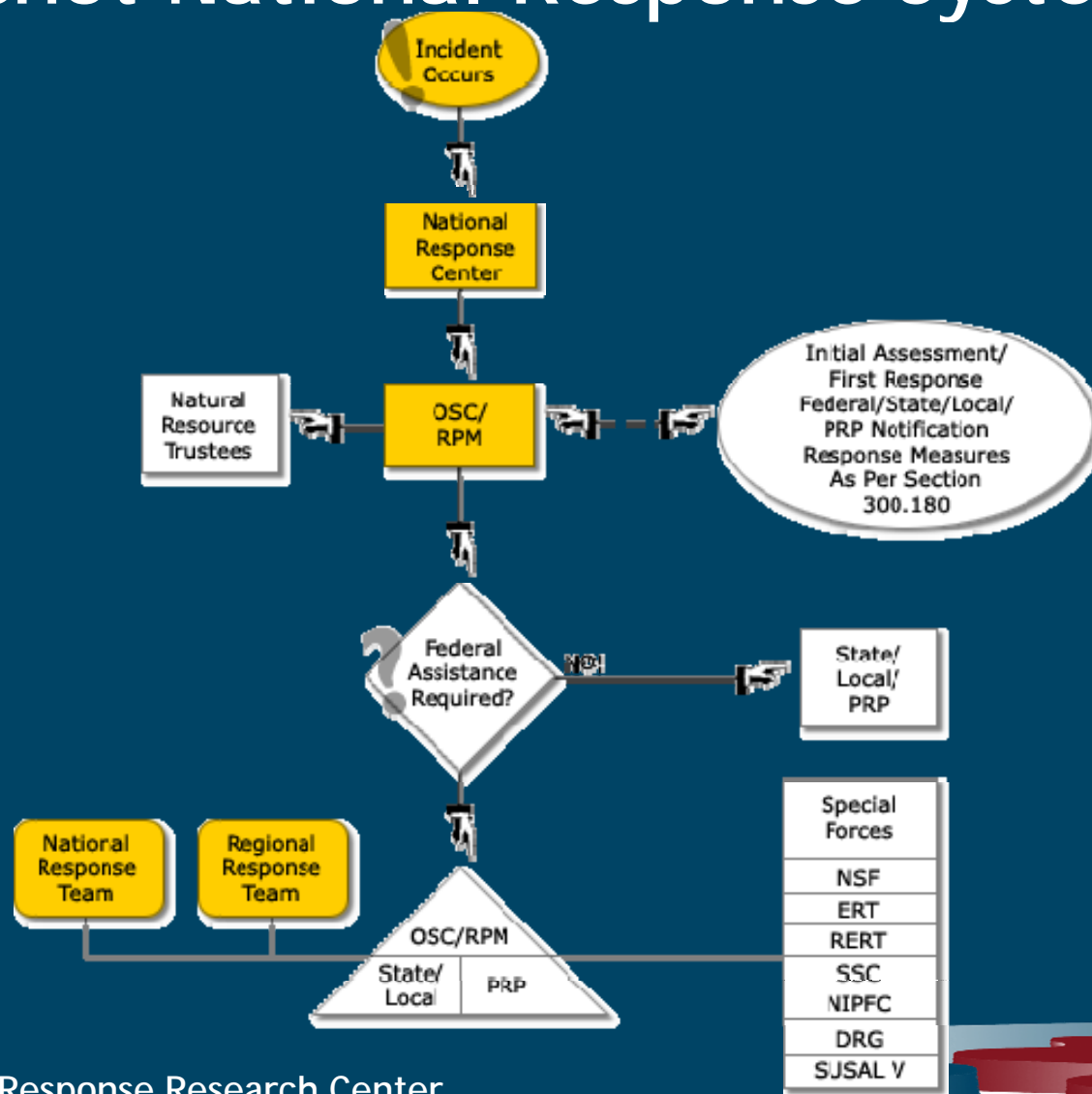
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Oil Spill Response in U.S.

- OPA (Oil Pollution Act) 1990
 - Federal/Congressional Response to Exxon Valdez in 1989
 - National Contingency Planning
 - Regional Response Teams
 - Area Committees
 - Facility Response Plans



Snapshot National Response System



On Scene Coordinator (OSC)

- Federal Official Responsible for Monitoring + Directing Spill Response
 - Coordinate With All Federal, State, Regional and Local Parties
 - USCG (Coastal + Great Lakes)
 - EPA (Inland)
- Direct Activities If:
 - Source Unknown
 - Spill Beyond Owner/Operator Abilities
 - Spill Substantial Threat to Public Health/Welfare



National Response Team (NRT)

- Plan and Train for Emergencies, Distribute Response Information
- Interagency Group
 - USCG
 - FEMA
 - DoD
 - DOE
 - USDA - Inland
 - NOAA (Natural Resource Trustee)
 - HHS (Health)
 - DOI (Fish/Birds and Inland)
 - DOJ
 - DOT
 - DOL
 - NRC
 - Treasury
 - GSA

If Their Facilities

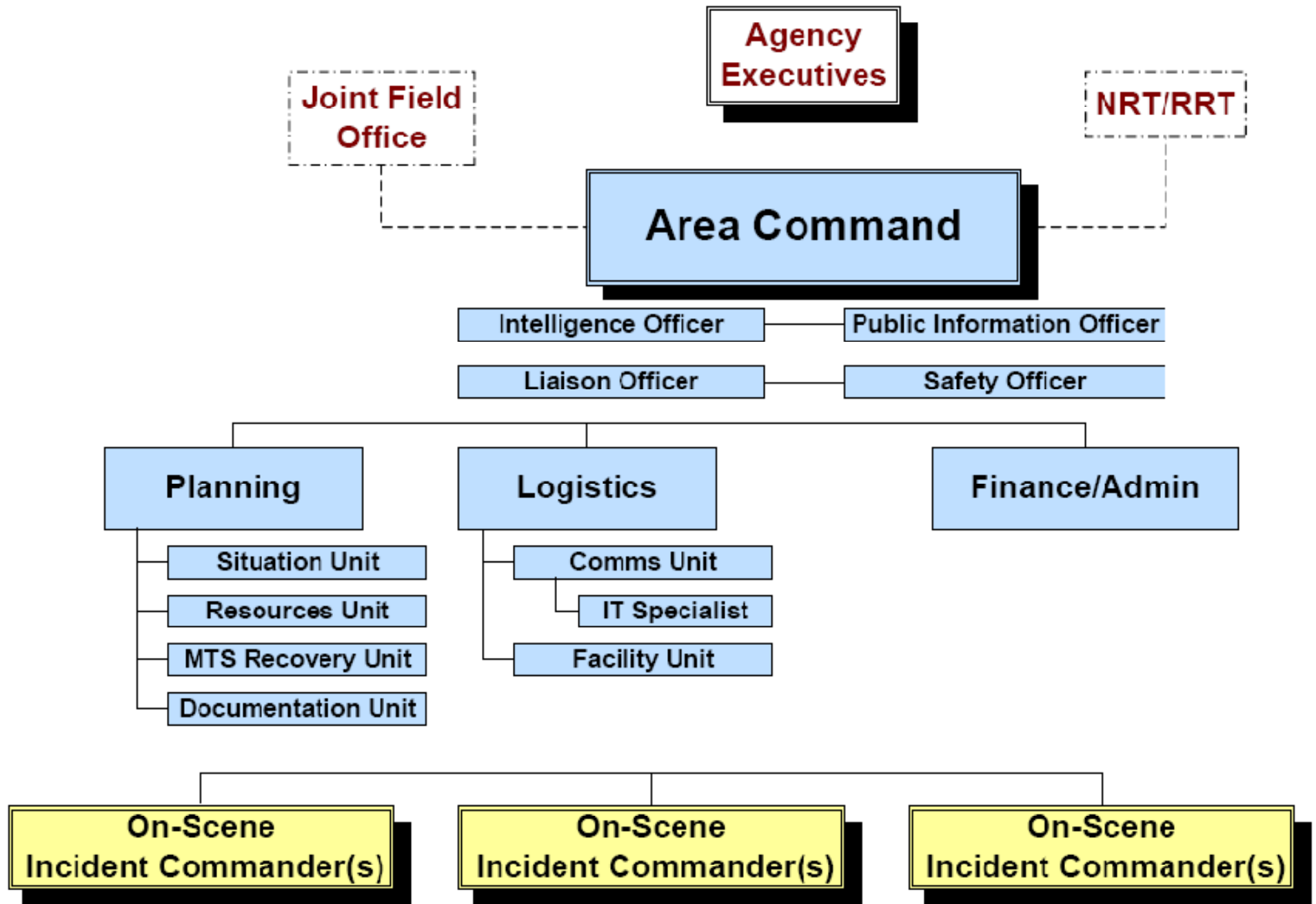


NOAA Role During Spill

- Survey Spill
 - Planes/helicopters
 - Satellites
- Estimate Extent of Slick
- Track Movements
- Predict Trajectory and Fate of Spill
 - Weathering
- OSC Uses NOAA Input to Select Response



Area Command Organization Chart

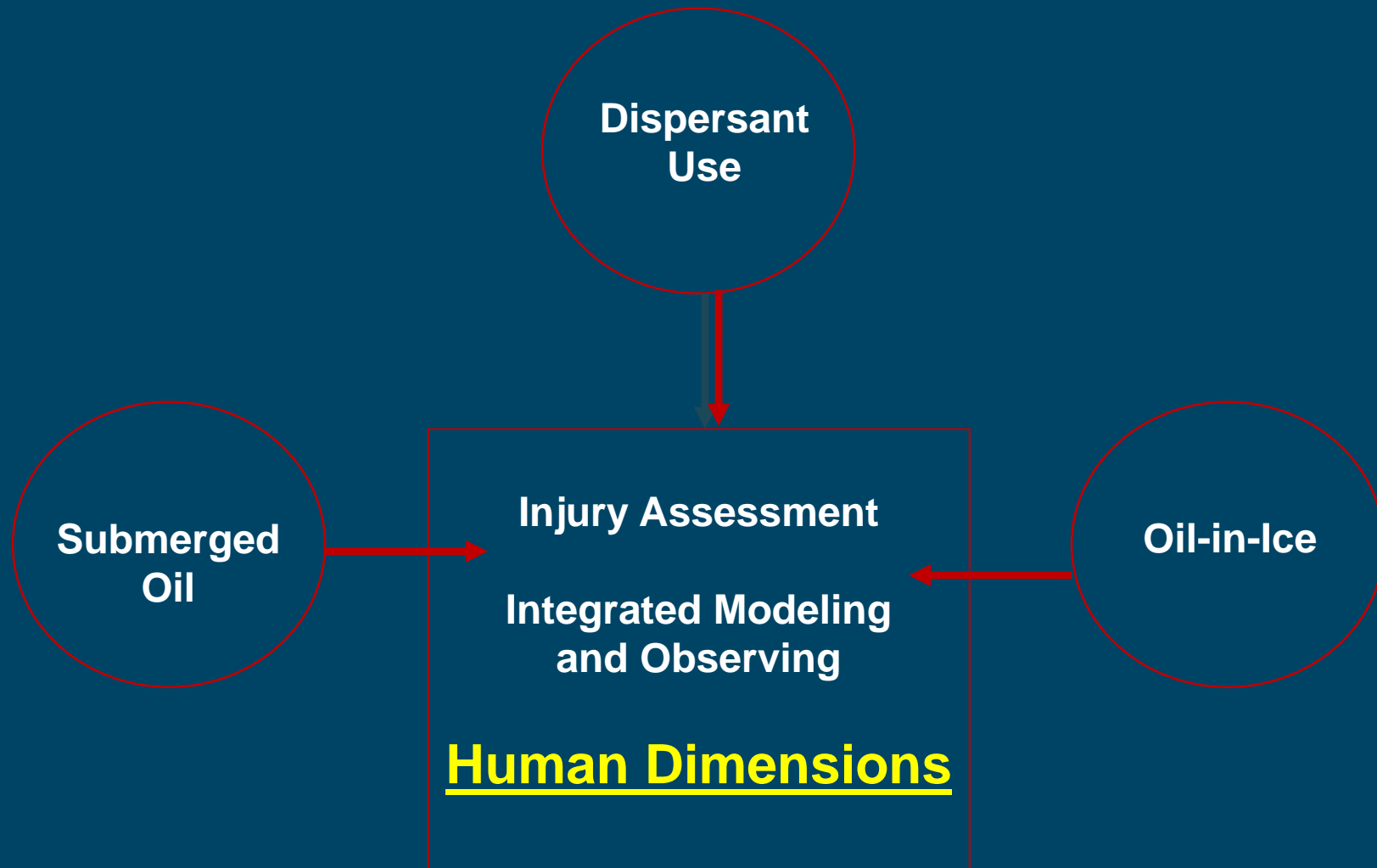


Human Dimensions of Oil Spills



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CRRC Focus Topics



Origins of LA Sea Grant/ORR Project

- Human dimensions focus was critical to 2003 Center-funded oil spill community research needs workshop
- Human Dimensions Workshop June 2006
 - Identified several key areas in need of research
 - Emphasis on including stakeholder input during planning and restoration
 - Methods of valuing resources and informing stakeholders during immediate response



Origins of LA Sea Grant/ORR Project

- Don Davis of LA Oil Spill R&D Program attended Center's 2006 Human Dimensions workshop
 - Conceived of idea of Sea Grant/ORR ties
- Sea Grant agents know unique set of potential oil spill stakeholders associated with:
 - Natural resources
 - Tourism and recreation
 - Cultural ties to community



Origins of LA Sea Grant/ORR Project

- Heather Ballesterro, UNH graduate student, spent July-December 2007 and Summer 2008 working with LSU Sea Grant/ORR personnel
 - Met with Coastal LA Sea Grant agents and LA-based ORR spill response and restoration employees
 - Developed template for today's meeting and possible interactions between Sea Grant and ORR
 - Pilot for nation-wide Sea Grant/ORR activities



Coastal Response Research Center Website

www.crrc.unh.edu

