

WELCOME

Environmental Disasters Data Management Workshop

September 16 - 17, 2014



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EDDM

September 16 & 17, 2014

Nancy E. Kinner
Coastal Response Research Center
University of New Hampshire



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Logistics

- Fire Exits
- Restrooms at each end of hallway
- Coffee, tea, water available all day
- Dining: breakfasts (onsite in dining hall), lunches & snacks (all), welcome to bring food in meeting rooms
 - Breakfast 6:30 - 9:00
 - Morning snack (in hallway): 9:30 - 10:00
 - Lunch: As scheduled on agenda
 - Afternoon snack (in hallway): 2 - 3:30
 - Dinner: Tonight as scheduled; Tomorrow: 5:30 - 7:30



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Logistics

- Dining: Tuesday night dinner (all)
 - Cash bar is located lower level in social area
 - 5:30 - 11:00
 - Welcome to bring drinks upstairs to dining area
- All meals - please sit in designated area behind dividers reserved for EDDM
- Logistical questions see Kathy Mandsager or me



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Thank You

- Thank you to National Oceanic and Atmospheric Administration (NOAA)
 - Amy Merten - Office of Response & Restoration, Spatial Data Branch
 - Russ Beard - National Coastal Data Development Center



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THANK YOU Participants!



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Coastal Response Research Center (CRRC)

- Partnership between NOAA's Office of Response and Restoration and the University of New Hampshire
- Since 2004
 - UNH Co-Director - Nancy Kinner
 - NOAA Co-Director - Amy Merten



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Overall CRRC Mission

- Conduct and oversee basic and applied research and outreach on spill response and restoration
- Transform research results into practice
- Serve as hub for oil spill R&D
- Facilitate workshops bringing together **ALL STAKEHOLDERS** to discuss spill issues and concerns



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Workshop Objectives

- Engage community to apply consistent terms and concepts, data flow, and QA/QC.
- Provide oversight for foundational, baseline data collected prior to environmental event, based on user requirements.
- Provide best-practice guidance for data and metadata management.



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Workshop Objectives

- Suggest infrastructure design elements to facilitate quick and efficient search, discovery, and retrieval of data.
- Define characteristics of “gold standard” data management plan for appropriate data sampling, formatting, reliability, and retrievability.
- Promote use of workshop protocols, practices, and recommendations.



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Environmental Disasters Data Management Workshop
 September 16 - 17, 2014
 National Conservation Training Center
 Shepherdstown, WV

AGENDA

Day 1: Tuesday, September 16

- 8:00 am Registration
- 8:15 am Welcome & Overview of Meeting
 Nancy E. Kinner, *UNH Coastal Response Research Center*
 Amy Marten, *NOAA Office of Response & Restoration, Spatial Data Branch/AED*
 Russ Beard, *NOAA National Coastal Data Development Center*
- 8:45 am Participant Introductions
- Presentations: How are data used for environmental disasters?**
- 9:10 am > Response: *Charlie Henry, NOAA Gulf of Mexico Disaster Response Center*
- 9:35 am > Assessment: *Robert Haddad, NOAA Office of Response & Restoration, AED*
- 10:00 am BREAK
- 10:15 am > NGOs and the Public: *Jonathan Henderson, Gulf Restoration Network*
- 10:40 am > Research – Ecological Health: *Tracy Collier, Puget Sound Partnership*
- 11:05 am > Research – Human Health: *Aubrey Miller, National Institutes of Health*
- Presentations: Data Management Systems**
Existing data management systems, potential overlaps, shortfalls, opportunities for improvements, evolution of systems going forward
- 11:30 am > Atmospheric data: *Stephen Del Greco, NOAA National Climatic Data Center*
- 11:45 am > Oceanographic data: *Russ Beard, NOAA, National Coastal Data Development Center*
- 12:00 pm LUNCH
- 1:00 pm > Chemistry data: *Benjamin Shore, NOAA, Office of Response & Restoration, Spatial Data Branch/AED*
- 1:15 pm > Sensors (e.g., ROV, AUV): *Mike McZinn, MDA&I*
- 1:30 pm > Biological Data: *Felimon Goyanilo, Harbor Research Institute for Gulf of Mexico Studies*

**For the purposes of this workshop environmental disasters is defined as floods, earthquakes, hurricanes, tsunamis, and discrete pollution events.*

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- 1:45 pm > Human Health Data: *Steven Ramsey, Social & Scientific Systems; NIEH Gulf STUDY*
- 2:00 pm Instructions for Breakout Group: *Nancy Kinner*
- 2:15 pm BREAK
- 2:30 pm Breakout Groups - Session I
- Breakout Group A:** Field Sample Collection (Data Collection/Sampling Protocols)
- Breakout Group B:** Data Formatting/Entry (for consistency and comparability)
- Breakout Group C:** Data Reliability/Tracking (accurate transmission to database & QA/QC, data validation)
- Breakout Group D:** Discovery and Accessibility (getting data to the users)
- 4:00 pm Plenary Report Out
- 5:00 pm ADJOURN
- 6:15 pm Dinner & Social Hour

Day 2: Wednesday, September 17

- 8:30 am Recap and Recalibrate
- 8:45 am Breakout Groups: Session II
 How do you overcome the challenges and move forward?
Breakout Group A: Field Sample Collection (Data Collection/Sampling Protocols)
Breakout Group B: Data Formatting/Entry (for consistency and comparability)
Breakout Group C: Data Reliability/Tracking (accurate transmission to database & QA/QC, data validation)
Breakout Group D: Discovery and Accessibility (getting data to the users)
- 12:15 pm LUNCH
- 1:30 pm Plenary Report Outs
- 2:30 pm BREAK
- 2:45 pm Plenary Discussion of Path Forward
- 3:45 pm Closing Remarks
- 4:00 pm ADJOURN

After Workshop

- Website:
 - Presentations
- Report distributed
- Working Group meetings
- EDDM “Evangelism”



Facilitation Pledge

- I will recognize and encourage everyone to speak
- I will discourage side conversations
- I commit to:
 - Being engaged in meeting
 - Keeping us on task and time
- **Stop me if I am not doing this!**



Participant Pledge

- Be Engaged
 - Turn off cell phones and computers, except at breaks
- Listen to others
- Contribute
- Speak clearly: Use microphones in plenary
- Learn from others
- Avoid side conversations
- Avoid using acronyms



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Participant Introductions

- Name
- Affiliation
- Community/organization representation
- What is your interest for this workshop?



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