

WELCOME

**NOAA's GOM Disaster
Response Center**

DWH LONG-TERM DATA MANAGEMENT

**Nancy Kinner, UNH Co-Director
Coastal Response Research
Center (CRRC)**

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WORKSHOP LOGISTICS

- Emergency Exits
- Restrooms
- Cell phones / laptops
- Breaks (coffee, tea, snacks)
- Meals
 - \$10/day for special lunch delivery
 - Dinners on your own
 - See restaurant map in packet
- Logistical questions – see Kathy Mandsager or me

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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)
 - Marine Debris
- Since 2004
- Co-Directors:
 - UNH – Nancy Kinner
 - NOAA – Mark W. Miller

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Overall CRRC Mission

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

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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!

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PARTICIPANT INTRODUCTIONS

- **Name**
- **Affiliation**
- **Work related to DWH LT Data Management**

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Workshop Organizing Committee

NCEI	Julie	Bosch
GOMA/NGO	Laura	Bowie
RESTORE Council	Jessica	Henkel
Centers of Excellence	Libby	Fetherston
Academic/GOMRI	Jim	Gibeaut
BOEM	Jonathan	Blythe
State Rep (AL) - Geological Survey of Alabama	Steve	Jones
IOOS	Barb	Kirkpatrick
NCEI	Kirsten	Larsen
NGO: Ocean Conservancy	Matt	Love
Department of the Treasury	Laurie	McGilvray
NOAA ORR EDDM Lead	Amy	Merten
Data Generator	Tamay	Özgökmen
NOAA NMFS	Mike	Peccini
NFWF	Jon	Porthouse
NOAA NMFS	Jamey	Redding
State Rep (FL)	Dave	Reed
NAS	Lauren	Showalter
DOI and Restore Council (USGS)	Greg	Steyer

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PARTICIPANT PLEDGE

- Be Engaged
 - Turn off cell phones & laptops(except at breaks)
- Listen to Others
- Contribute
- Speak Clearly; Use Microphones
- Learn from Others
- Avoid Side Conversations

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AGENDA – DAY 1, June 7 Plenary Sessions

- Report on Participant Survey re: Vision of Long Term Data Management in the Gulf [*Jessica Henkel*]
- Overview of Data Generation [*Michele Jacobi*]
- Overview of Data Users [Matt Love]
- Overview of Long Term Data Management [*Lauren Showalter*]
- Overview of Existing Long Term Data Management Systems
 - NOAA ORR (DIVER, ERMA) [*Ben Shorr*]
 - NOAA Restoration Center [*Mike Peccini*]
 - NOAA NCEI [*Rost Parsons*]
 - GRIIDC [*Jim Gibeaut*]
 - GOMA Portal [*William Nichols*]
 - DWH Project Tracker [*Laura Bowie*]
 - LA Coastal Information Management System [*Craig Conzelmann*]
 - GCOOS [*Matt Howard*]

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AGENDA – June 7 WEDNESDAY AFTERNOON

- Data Management Standards / Protocols
 - Data Management Frameworks
 - Restore Council [*Jessica Henke*]
 - NRDA Restoration [*Jamey Redding*]
 - Direct Component & Centers of Excellence – Treasury [*Laurie McGilvray*]
 - NFWF [*Jon Porthouse*]
 - NAS [*Lauren Showalter*]
 - Standards Identified / Parameters / Guidance / Challenges [*Greg Steyer*]
- EDDM Working Groups
 - Field Protocols [*Steve Ramsey*]
 - Common Data Model [*Dan Hudgens*]
 - “Gold” Standard [*Julie Bosch*]

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Breakout Session I: Issues / Concerns for Data Stakeholders

- Stakeholders:
 - Data User
 - Data Generator
 - Data Manager/Governor
- Discussion:
 - Reactions to plenary sessions
 - LTDM Requirements from Stakeholder Perspective:
 - Interoperability
 - Ease of Discovery/Searchability
 - Data Access
 - Data Synthesis
 - Data Usability
 - Metadata/Data Documentation
 - Other?

**Determine
Priority Issues
Used During
Day 2
Discussions**

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Session I Breakout Groups:

Group A: Data User	Group B: Data Generator	Group C: Data Manager/Governor
Lead: Mark Miller	Lead: Dan Hudgens	Lead: Rost Parsons
Recorder: Melissa Gloekler	Recorder: Megan Verfaillie	Recorder: Kathy Mandsager
Holly Binns	Courtney Arthur	Jonathan Blythe
Melody Chimahusky	Jennifer Bauer	Julie Bosch
Jay Coady	Ryan Druyor	Laura Bowie
Linda Cook	Neal Etre	Craig Conzelmann
Alyssa Dausman	Carl Ferraro	Steve Delgreco
Nic Eckhardt	Shawn Fisher	Sandra Ellis
Jim Gibeaout	George Graettinger	Lei Hu
Jessica Henkel	Mark Howard	Christina Hunnicutt
Amy Hunter	Dan Hudgens	Michele Jacobi
Helga Huntley	Ann Jones	Steve Jones
JB Huyett	Kirsten Larsen	Laurie McGilvray
Syed Khalil	Matt Love	Marti McGuire
Barb Kirkpatrick	Kate McClure	Mike Peccini
Julien Lartigue	Amy Merten	Dave Reed
Gareth Leonard	Tamay Ozgokmen	Denise Reed
Nadia Martin	Steve Ramsey	Angela Schrift
William Nichols	Rick Raynie	Greg Steyer
Jon Porthouse	Jamey Redding	Tom Strange
Lauren Showalter	Ben Shorr	Kevin Suir
Danny Wiegand	Hugh Sullivan	Jason Weick
Eric Weissberger	Carrie Wall	Caitlin Young
Dwane Young		

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Data Users:

2. List of requirements from the user community:

Requirements	Features/Needs	Challenges	Priority (high, med, low)
1. Interoperability			
2. Ease of Discovery/Searchability			
3. Data Access			
4. Data Synthesis			
5. Data Usability			
6. Metadata/Data Documentation			
7. Other?			

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Data Generators Topic 1:

Requirements	Incentives:	Challenges:	Cost (high, med, low)	Priority (high, med, low)
1. Interoperability				
2. Ease of Discovery/Searchability				
3. Data Access				
4. Data Synthesis				
5. Data Usability				
6. Metadata/Data Documentation				
7. Other?				

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Data Generators: Topic 2

	Incentives:	Challenges:	\$ Cost (optional) (high,med,low):
Individual agency requirements			
1. ??			
2.			
3.			
Common set of metadata standards across community			
Maintenance of datasets in perpetuity			
Timely availability to user community			
Accessibility (use/reuse) of data in future			

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Data Managers/Governors: Topic 1

1. Workload Effort

Requirements	Challenges:	Priority (high, med, low)
1. Interoperability		
2. Ease of Discovery/Searchability		
3. Data Access		
4. Data Synthesis		
5. Data Usability		
6. Metadata/Data Documentation		
7. Other?		

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Data Managers/Governors: Topics 2 and 3

2. Long term repository

Challenges:	Costs:

3. Definition of success

	Characteristics/ Metrics
Data management system	
Data repository	

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Data Managers/Governors: Topic 4

Barriers

	Barriers
Getting generators to submit data	
Finding data	
Using data	
Enforcing data policy	
Data security	

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