

**2012 Regional Sediment Management
and
Engineering With Nature Workshop
28-30 August 2012**

**USACE Portland District
333 SW 1st Ave # 200, Portland, OR 97204**

Tuesday, 28 August

0730-0830	NWP Security Screening	
0830-0845	Welcome: Navigation Program Manager, NWD	Eric Braun
0845-0915	HQ Perspective: RSM & EWN Future Directions (O&M Navigation)	Jim Walker
0915-0945	National RSM Program Update and Future Direction	Linda Lillycrop
0945-1015	An Introduction to Engineering With Nature	Todd Bridges

Engineering With Nature

1015-1045	Summary of Prior Work and Relevant Results of EWN	Tom Fredette
1045-1100	Geospatial Data Viewer of EWN Sites	Cynthia Banks
1100-1120	Break	
1120-1140	Cleveland East Arrowhead Breakwater Demonstration	Burton Suedel
1140-1200	Environmental River Engineering: An Overview of EWN Structures	Rob Davinroy
1200-1330	Lunch	
1330-1350	Deer Island Restoration Present and Future: An Example of EWN/RSM Combining Ecosystem Restoration, Hurricane and Storm Damage Risk Reduction and Beneficial Use of Dredged Material	Larry Parson
1350-1410	Breakwaters for the Creation of Submerged Aquatic Vegetation	Eva Marie Koch
1410-1430	Beneficial Use of Dredged Material in the Galveston District	Tricia Campbell
1430-1450	Simple Method using Existing Data to Assess Species Response to Ecologically-based Design	Andy Goodwin
1450-1510	Break	
1510-1700	Breakout Session Topics:	

What are the biggest opportunities for advancing RSM and EWN within USACE missions?

- 1. Navigation*
- 2. Flood and Coastal Storm Damage Reduction*
- 3. Environment*
- 4. Hydropower*
- 5. Regulatory*
- 6. Recreation*
- 7. Emergency Management*
- 8. Water Supply*
- 9. Support for Others*
- 10. Military Programs*



What actions can O&M PDTs take to incorporate RSM and EWN approaches within their projects?

1700-1730 Report Out from Breakout Sessions/Wrap Up
1730 Adjourn

Wednesday, 29 August

0830-0845 Recap Aug 28 Discussions, Review Agenda

Todd Bridges
Linda Lillycrop

0845-0915 Integration of RSM and EWN with the Beneficial Use of Dredged Sediments

John Childs

RSM In-Progress-Review

Linda Lillycrop: Moderator

0915-1015 Ongoing District Collaborative RSM and EWN initiatives

1015-1030 Break

Jason Engle: Moderator

1030-1130 District Applications of Technology and Tools for RSM and EWN

Tom Smith: Moderator

1130-1200 R&D Technology and Tools for RSM and EWN

1200-1330 Lunch

1330-1510 R&D Technology and Tools for RSM and EWN (Con't)

1510-1530 Break

1530-1700 Breakout Session Topic:

What gaps in science, technology, engineering, or organizational practice should be addressed to advance RSM and EWN across Corps mission areas? Navigation O&M Program in particular?

1700-1730 Report Out from Breakout Sessions/Wrap Up
1730 Adjourn

Thursday, 30 August

0830-0845 Recap Aug 29 Discussions, Review Agenda

Todd Bridges
Linda Lillycrop

RSM In-Progress-Review

Matt Schrader: Moderator

0845-1015 District RSM initiatives

1015-1030 Break

Monica Chasten: Moderator

1030-1200 District RSM initiatives



1200-1330 Lunch

1330-1515 Breakout Session Topic:

How should we be communicating and collaborating with others on RSM and EWN opportunities?

1515-1530 Break

1530-1600 Report Out from Breakout Sessions

1600-1730 Discussion - Moving RSM and EWN Forward/Wrap Up

1730 Adjourn

