

**2013 Regional Sediment Management (RSM) & Engineering With Nature (EWN) Workshop
and RSM In-Progress-Review
20-22 August 2013**

**US Army Engineer Research and Development Center
Coastal and Hydraulics Laboratory, Building 3200
3909 Halls Ferry Road, Vicksburg, MS 39180**

Tuesday, 20 August

0800-0830 Registration, Coffee, and Seating

0830-0840 **Welcome: Acting Director, Coastal and Hydraulics Laboratory** Jose Sanchez

0840-0900 **Introductions and Agenda** Bridges/Lillycrop

R&D Perspective EWN and RSM

0900-0930 Navigation RD&T Programs Jeff Lillycrop

0930-1000 Flood Risk Management RD&T Programs Cary Talbot

1000-1030 Environmental RD&T Programs Al Cofrancesco

1030-1045 Break

1045-1115 RSM Program Update Linda Lillycrop

1115-1145 Engineering With Nature Update Todd Bridges

1145-1200 Discussion

1200 - 1300 Lunch - Brought In

EWN In-Action Projects - Overviews

1300-1310 Linear vs Circular Berm Breakwater - San Francisco Bay Elizabeth Murray

1310-1320 Realizing a Triple Win in the Desert:
Systems-level EWN Rio Grande - Albuquerque Kelly Burkes-Copes

1320-1330 Atchafalaya River Island Creation - Louisiana Burton Suedel

1330-1340 Ashtabula Breakwater Tern Habitat - Great Lakes Tom Fredette

1340-1350 Sustainable Design Manual for EWN w/Native Plant Communities Pam Bailey

1350-1400 21st Avenue West Living Shoreline (Duluth/Superior Harbor) Joe Kreitinger

1400-1410 Portfolio Framework for Beneficial Use Christy Foran

1410-1430 Q&A, Discussion

1430-1445 Introduce Breakout Session Topics/Group Assignments Cynthia Banks

1445-1500 Break Jen Gerhardt-Smith

Break Out Session 1

1500-1600 Breakout Group Discussions

1. Inland opportunities for RSM and EWN projects

2. Opportunities for creating natural features to provide engineering function

1600-1700 Breakout Group Report Outs

1700-1730 Q&A, Discussion

1730 Adjourn

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Wednesday, 21 August

0830-0900	State of USACE Navigation Program	Jeff McKee
0900-0910	Review Agenda/Tour Information	Linda Lillycrop

RSM In Progress Review

0910-0920	LRB: SBAS for Lake Erie and Lake Ontario	Shanon Chader
0920-0930	NWP: Port Orford Sedimentation Reduction	Mike Ott
0930-0940	SPN: SPN Regional Sediment Budget	James Zoulas
0940-0950	SAC: Myrtle Beach RSM GIS	Brown/Wolf
0950-1000	SAJ: St Johns, Duval, Nassau Counties RSM	Sirisha Rayaprolu
1000-1010	SAJ: Sarasota and Tampa Bay RSM	Sirisha Rayaprolu
1010-1030	Q&A, Discussion	
1030-1045	Break	
1045-1055	NWK: Reservoir Sustainability/Sediment Continuity	John Shelley
1055-1105	SWG: GIWW Sedimentation Reduction	Tricia Campbell
1105-1115	MVR: Sedimentation Impacts Sangamon and Illinois Rivers	Heather Bishop
1115-1125	NAB: Atlantic Coast Regional Sediment Budget	Joe Reed/Tom Laczko
1125-1140	NAP: Post Sandy RSM and EWN O&M Opportunities	Frey/Piercy/Chasten
1140-1200	Q&A, Discussion	

1200-1300 Lunch - Brought In

Break Out Session 2

1300-1400	Breakout Group Discussions	
	3. How to substantiate, quantify, calculate benefits streams from RSM, EWN projects	
	4. Communication opportunities with other organizations, how should we be building partnerships with others	
1400-1500	Breakout Group Report-Out	

1500-1520 Break and Board Vans

Tours/Demos: Group Rotations

1520-1530	Transport to Stop 1	
1530-1600	Effect of Marsh Plants on Waves and Sediment Processes	Joe Gailani
1600-1605	Transport to Stop 2	
1605-1635	Sediment Transport in River, Port, and Offshore Berms	Joe Gailani
1635-1645	Transport to Stop 3	
1645-1715	Navigation Data Integration Framework and Navigation Program Portals	Jeff Lillycrop and Clint Padgett
1715-1720	Transport to Stop 4	
1720-1750	JALBTCX and National Coastal Mapping Program	Lauren Dunkin
	Post Hurricane Sandy Surveys, Channel Condition Indices, On-line Map Products	
1750-1800	Return to CHL	

1800 Dinner - CHL Conference Facility and Foyer: Goldies BBQ

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Thursday, 22 August

0830-0840 Review Agenda, etc

RSM In Progress Review

0840-0850	NWO: Integration of Sediment Transport Tools into HEC-RAS	Paul Boyd
0850-0900	MVS: Kaskaskia River Navigation Channel	Robert Davinroy
0900-0910	SAM: Biodegradable Containment Structures for RSM	Larry Parson Nate Lovelace
0910-0920	POH: Hawaii RSM – Haleiwa Region	Tom Smith
0920-0935	CHL: Nearshore Berm Research, Guidance, Tool Development	Tanya Beck
0935-0950	CHL: Regional Process and Analysis Tool	Lauren Dunkin
0950-1015	Q&A, Discussion	
1015-1030	Break	
1030-1130	Future Opportunities for RSM and EWN – Discussion	All
1130-1200	Meeting Summary, Next Steps, Pros/Cons	
1200	Adjourn	