Regional Sediment Management for

Sustainable, Resilient, Healthy Systems

Linda S. Lillycrop RSM Program Manager

Katherine Brutsche
Deputy RSM Program Manager

Jackie Keiser Director, RSM Regional Center

Jeff Lillycrop
ERDC Technical Director
Navigation & Civil Works

Jeff McKee HQ, Proponent Navigation BLM











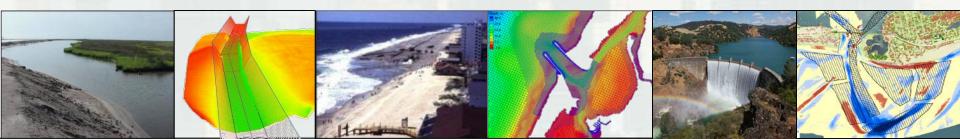


Regional Sediment Management... Est 1999, CERB Charge



A systems approach to deliberately manage sediments in a manner that maximizes natural and economic efficiencies to contribute to sustainable water resource projects, environments, and communities = Healthy Systems

- O&M, FRM, Ecosystem, Emergency Mgmt:
 - Short and long-term sustainable, resilient solutions
 - Coastal and Inland
- Recognizes sediment as a valuable regional resource
- Work across multiple projects, authorities, business lines
- Tools and technologies for regional approaches
- Relationship building, decision making, implementation



RSM Strategies



Reduce Offshore/CDF
Placement



Reservoir Sediments



Nearshore/Beach Placement



River Bank Erosion



Bypass
Optimize Placement

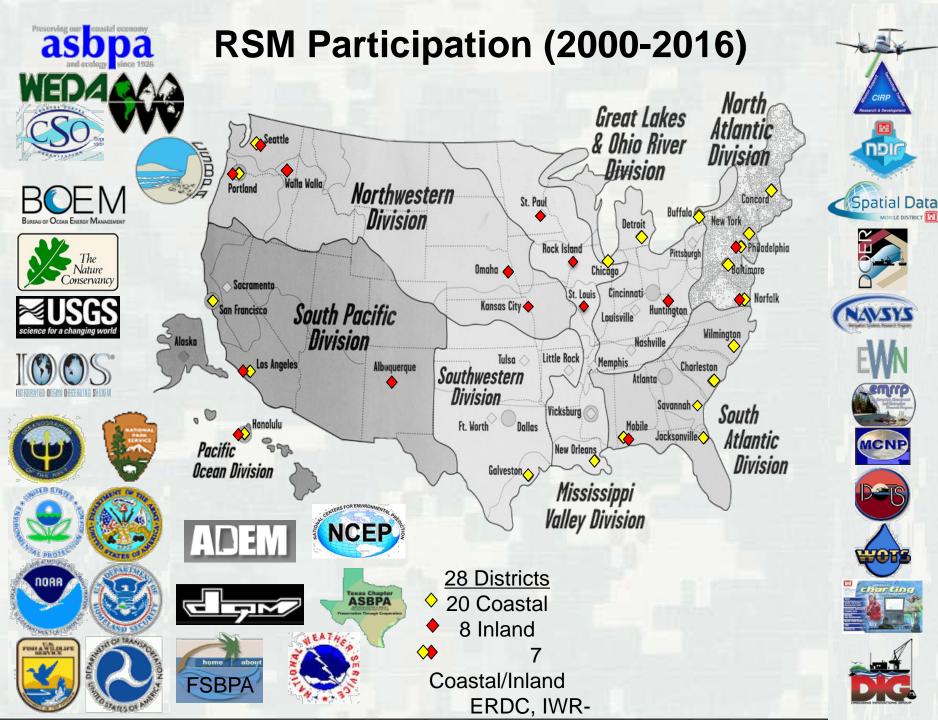


Ecosystem Restoration

- Keep sediment in the system
- Enhance natural sediment processes
- Reduce sedimentation







RSM Team

USACEStakeholders and Partners

Share Successes and

Lessons Learned

Identify Opportunities and Solutions

Take Action



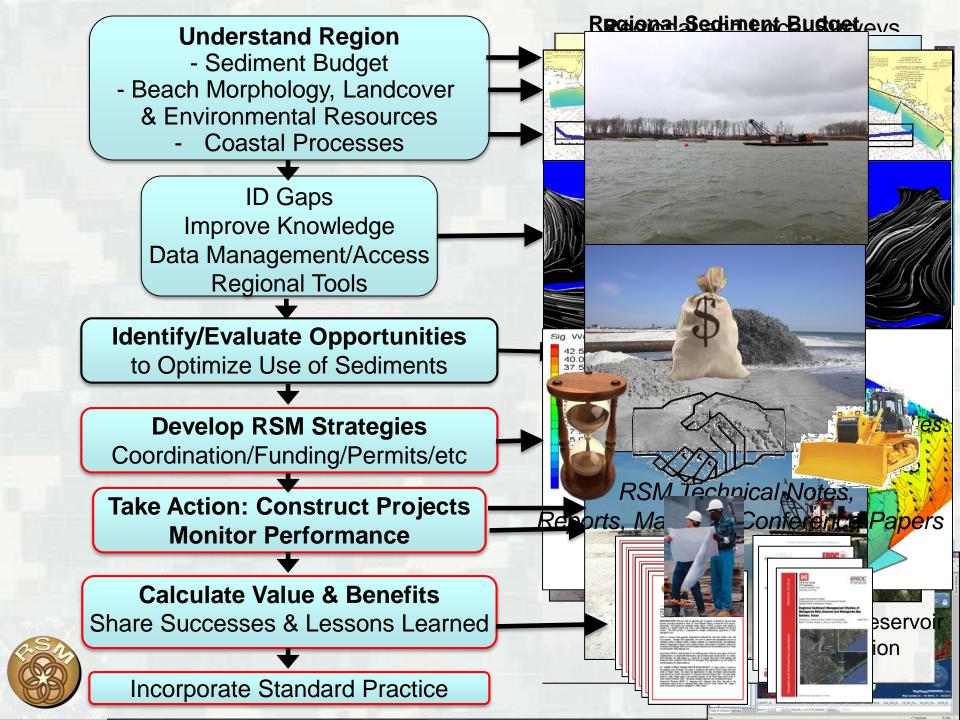
Decision Making

Leveraging Resources, Data, Tools, etc

Overcome Obstacles







*RSM Successes

Portland
Mouth of Columbia River
Nearshore/BU Placement Sites

Omaha 2011 Missouri River Flood Recovery Philadelphia
Post Sandy Recovery





Galveston Island

Sand Management Plan

South Pacific

Division

Northw

Divisi

Walla Walla

an Francisco

Mobile
Mobile Bay
In-Bay Placement

k Island

Little Rock

St. Louis





RSM.USACE.ARMY.MIL



RSM Technical Notes, Reports, Manuals, Conference Papers





District Stakeholder Workshops

*RSM University: Tools, Technologies, Implementation



