Regional Sediment Management USACE Success & Challenges



USACE & RSM

Number one challenge to USACE mission is funding/budget NAV = \$2B/200MCY

200MCY can be an asset or a liability

RSM is:

A systems approach that recognizes the value of sediment as a critical resource.





Top 4 Challenges to RSM Implementation

1. Financial

- No incentive!, budget penalty vs. priority, no understanding or recognition of value, risk to execution (2101), coordination funds, non-Federal funding coordination

2. Authority/Policy

-Lack of understanding, unclear & inconsister t guidance. Cross, business lines, Fed Standard, GAP, 7a , other creative potential, risk/fear, 3X3X3

3. Environmental

-Risk, time, funding, coordination

-Understand issues and state of the science, what questions need obe answered

4. Operational

-Innovative techniques are required, risk, perceived expense.

-Understand issues and state of technology. Industry wants to help.





"Your WHY has to be BIGGER than their no." RSM Optimization Pilot

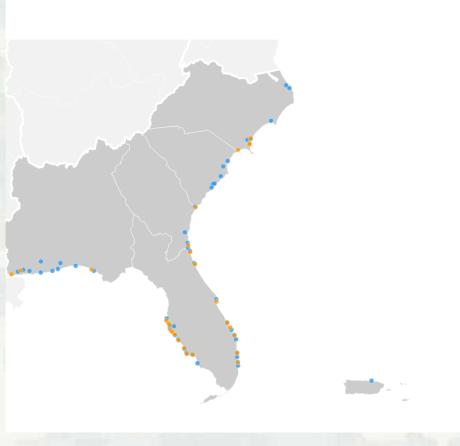
What does maximum efficiency look like to a program?

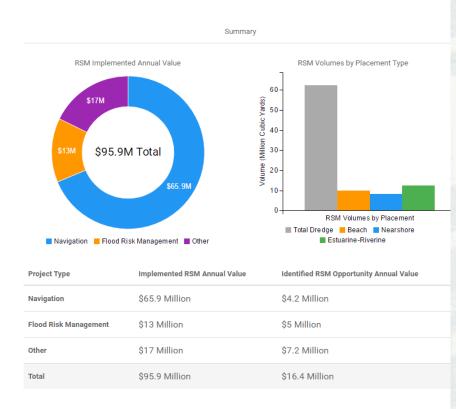


RSM Optimization Pilot

diment Management

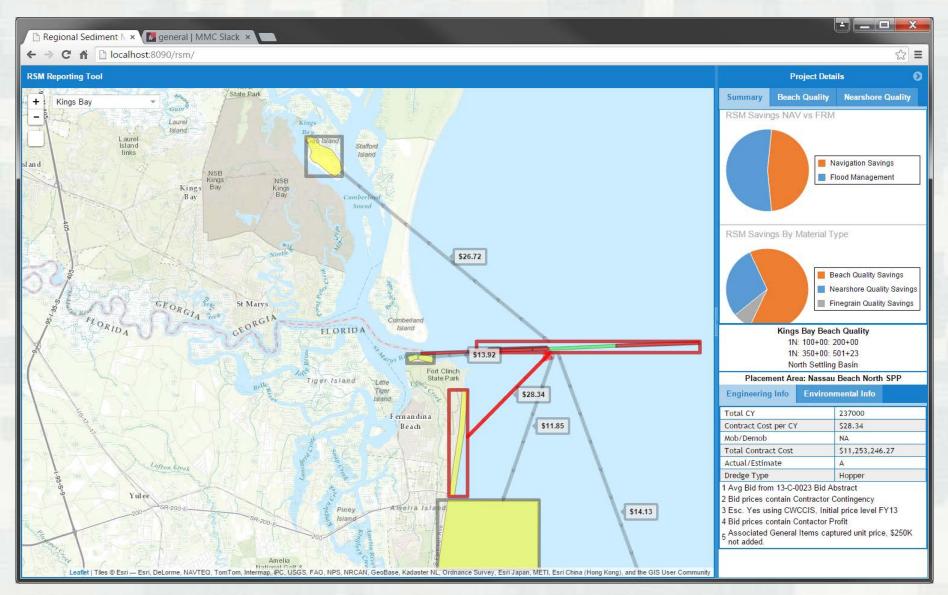
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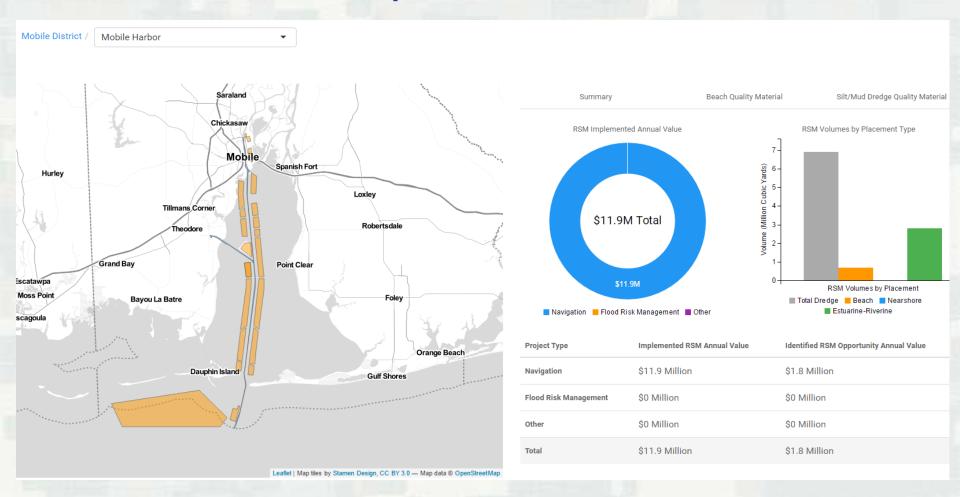
South Atlantic Division

RSM Optimization Pilot

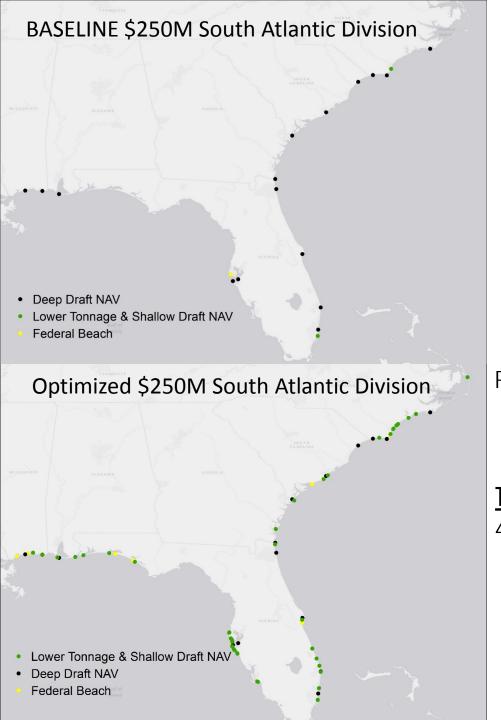


Project level detail

RSM Optimization Pilot



Project level detail



What does it mean?: Budget Efficiencies are there for the taking

+71% more project execution NAV execution +29%, \$63.3M FRM execution +49%, \$14.6M FRM RSM Beach Lifecycle Value : +\$350M

>\$16.6M in regional/local value

Reduce long term DMMA/ODMDS costs

There is much more left on the table 4 deepenings in SAD, 98MCY, \$2.3 B

Success: Mississippi River Value?





2009 Pilot project = 4700 acres of wetland creation/improvement -within the Federal Standard



What do we need?

- Understanding/Quantification of ECO and other RSM value
 - Our YES has to be bigger than their NO
- Willingness to change/Stakeholder engagement
- Budgetary and Policy support
 - Regional approach
 - Recognition of cross business line benefits
 - Ability/encouragement to budget across business lines and appropriations
 - Planning/economics consideration of RSM value





Thank You!

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