



**Expected Products**

- Quarterly Progress Reports
- Data Management Plan
- Letter Report for FY14 Activities
- Technical Note Documenting Activities and Key Outcomes
- Maps and Graphics indicating: RSM System Boundary Delineation, Conceptual Sediment Management Strategy
- Utilization of Conceptual sediment budget created using the Sediment Budget Analysis System (SBAS)
- Scope of work for ERDC simulation modeling for dredged material reports
- Recommendations for next steps in development of a Lower James River regional sediment plan
- Grid Modification and hydrodynamic modeling (CH3D)
- Near field placement modeling (CDFATE and related models)
- Potential additional work: continue with work products and provide:
  - Far field suspended loss transport modeling (PTM)
  - Morphology and overall mound transport (LTFATE)

**Stakeholders/Users**

The James River Partnership is already formally organized and brought for the need to examine regional sediment management needs on the lower James. The partnership will continue to be engaged in the process. Potential stakeholders involved include: Virginia Port Authority as agent for the City of Richmond, state environmental agencies, interested stakeholders, and the O&M General navigation business line.

**Projected Benefits**

Assist and enhance the District's development of James River future year performance-based budget submissions, assist in prioritizing future engineering and design work efforts and plans for future dredging contracts, provide tools for future environmental agency coordination, identifying potential Engineering With Nature solutions.

**Leveraging Opportunities**

James River is annually funded for navigation dredging and condition surveys. RSM efforts will pare well with the current year O&M General funding allocated on the James River Project. Other potential leveraging opportunities have potential: Virginia Port Authority, DOTS, using Corps Computer Simulation and Modeling Tools.

**Points of Contact**

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**Participating Partners**

Port of Richmond VA, James River Navigation Partnership