# Navigation Sediment Placement Database

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2018 Regional Sediment Management (RSM) In-Progress-Review May 15, 2018





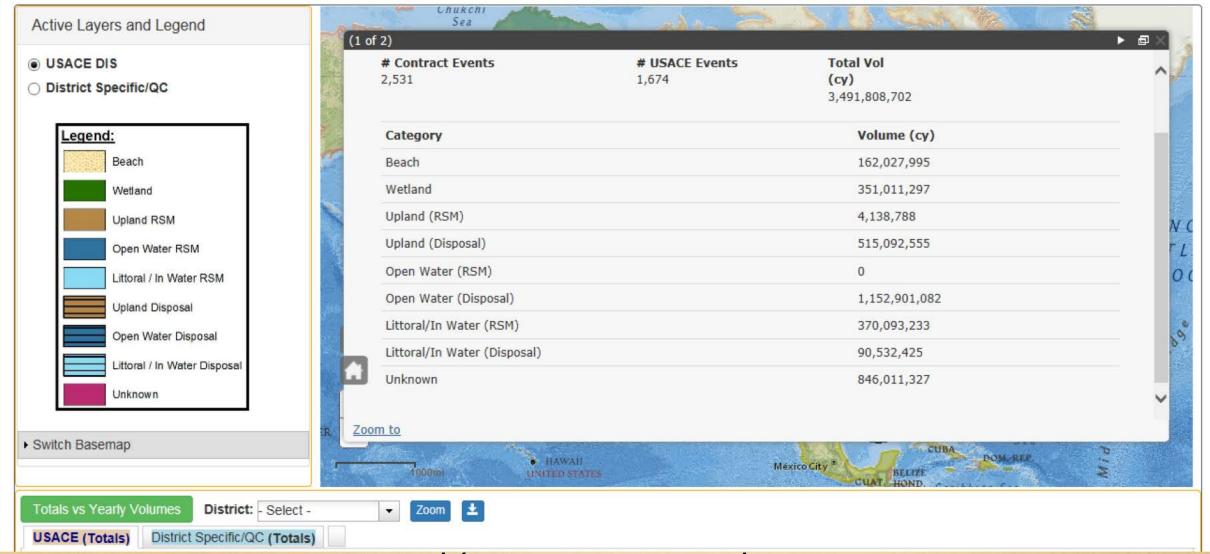


#### Project Overview

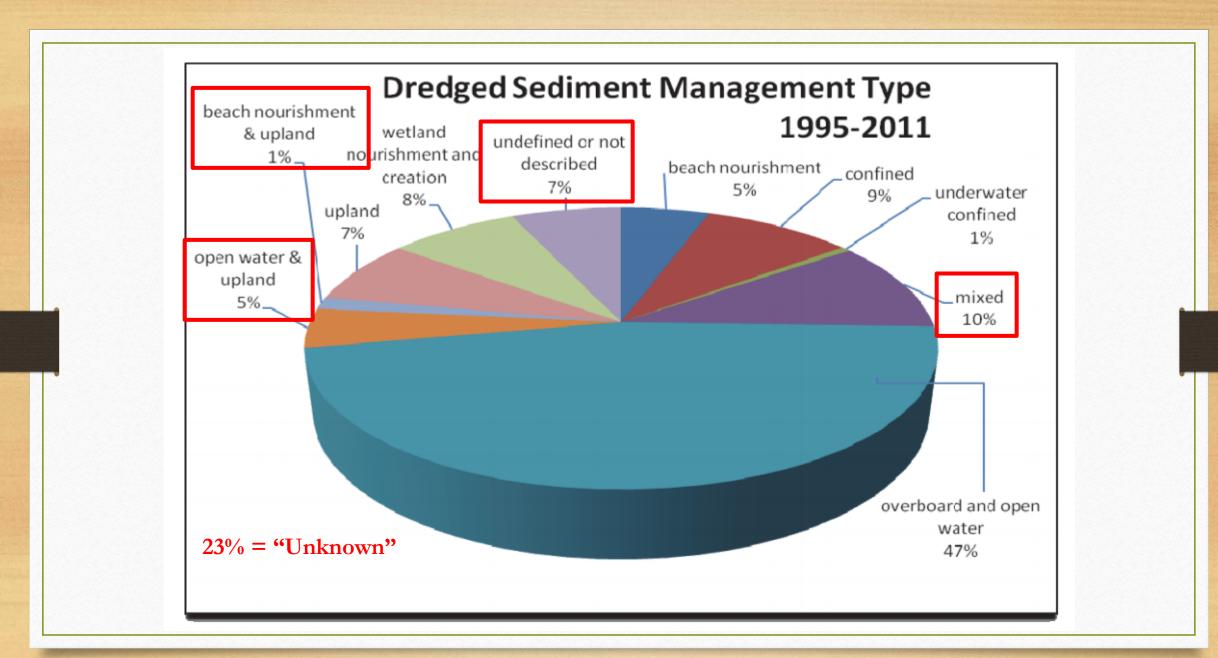
- Nationwide inventory of Federal Navigation projects
- Determine extent to which RSM goals and BUDM have been implemented
  - Since 1998 when 67th CERB theme was "Regional Sediment Management"
- <u>Data sources</u>: IWR Navigation Data Center's Dredging Information System (DIS) and internal District databases
- Products: Web-application, 2 databases, report, transition plan/user guide



#### USACE - Navigation Sediment Placement (1998 - Present) About



https://gim2.aptim.com/RSM



#### DIS Database "Refinement"

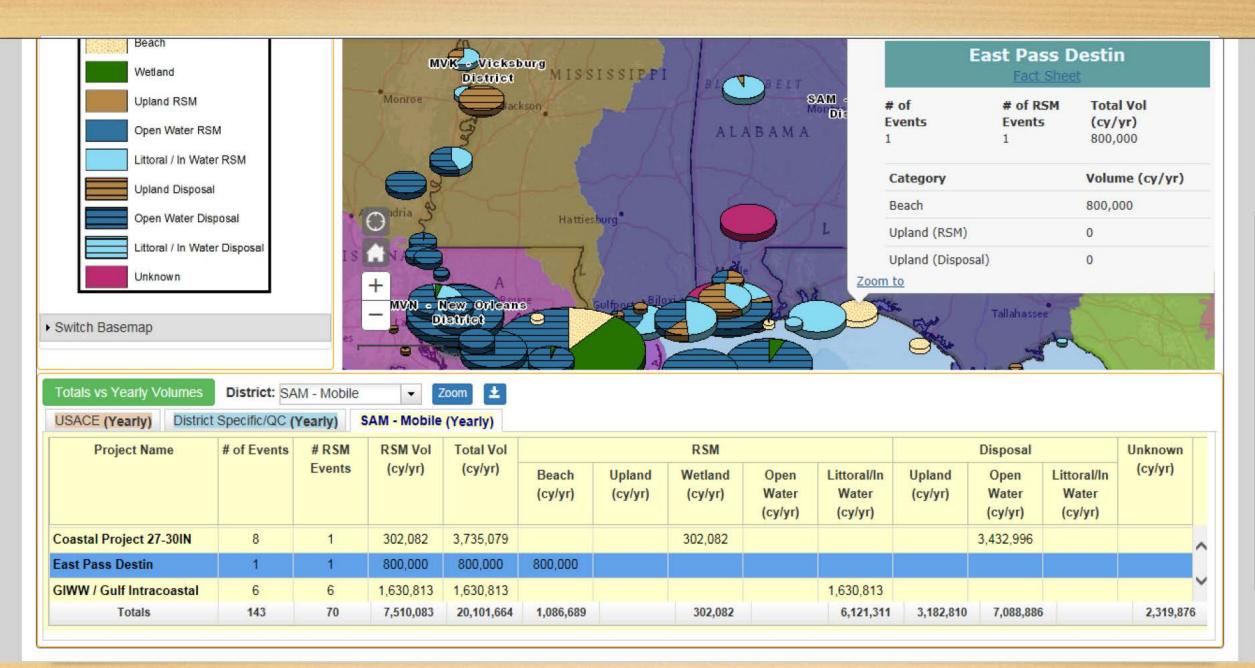
- QA/QC all 4,205 individual projects since 1998
- Excellent DIS data = no unknowns
- District's internal databases
  - MVN, MVM, SPL, SPN, NWP, SWT, NAE
- Interviews discuss specific questions
- → District Specific/QC database

#### Results (1998 to 2016)

- 200-300 Mcy dredged annually by USACE\* & 20-30% is used beneficially\*
- 215 Mcy/yr from navigation projects Nationwide
- 75 Mcy/yr used beneficially **35%** (only 25% in DIS)
  - 14.1 Mcy/yr  $\rightarrow$  Beaches
  - 14.9 Mcy/yr  $\rightarrow$  Wetlands
  - 48.1 Mcy/yr  $\rightarrow$  Littoral (in-water)
- 5.9 Mcy/yr = Unknown (45.2 Mcy/yr in DIS)



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### Next Steps

- Obtain & load 2017 DIS and internal District data
- QA/QC
- Meet with Districts
- Finalize report
- Submit transition plan/user guide

#### Congratulations Linda!

- ASBPA 2018 "Lifetime Achievement" Award
- This award is given to an ASBPA member who demonstrates a **lifetime of dedicated service** to advancing shore and beach preservation while working in the federal government and though active participation in ASBPA.
- This award is only occasionally given when a **truly extraordinary** candidate is nominated.



## Thank you!

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