

REGIONAL SEDIMENT MANAGEMENT

Regional Sediment Management (RSM) and Beneficial Use Along the Northern Gulf of Mexico

American Shore and Beach Preservation Association
2017 National Coastal Conference

“Beaches, Bays and Beyond”

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“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”



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Outline

- ❑ Mobile District Overview
- ❑ Timeline of RSM within Mobile District
- ❑ Key Recent Examples of RSM Practices

Mobile Bay, Alabama

Mississippi Barrier Islands

Islands in the Mississippi Sound

Dredged River Sands to the Coast

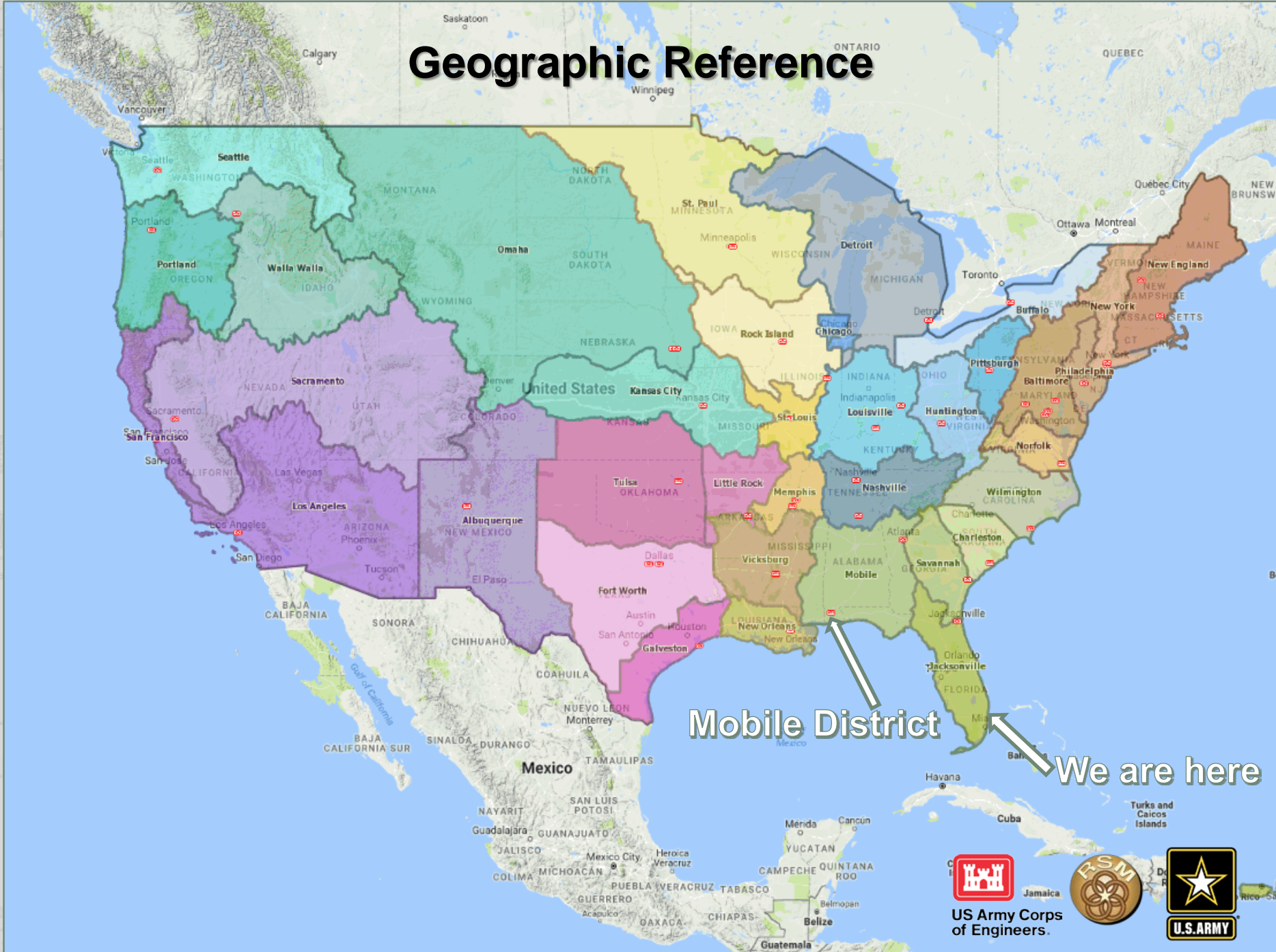
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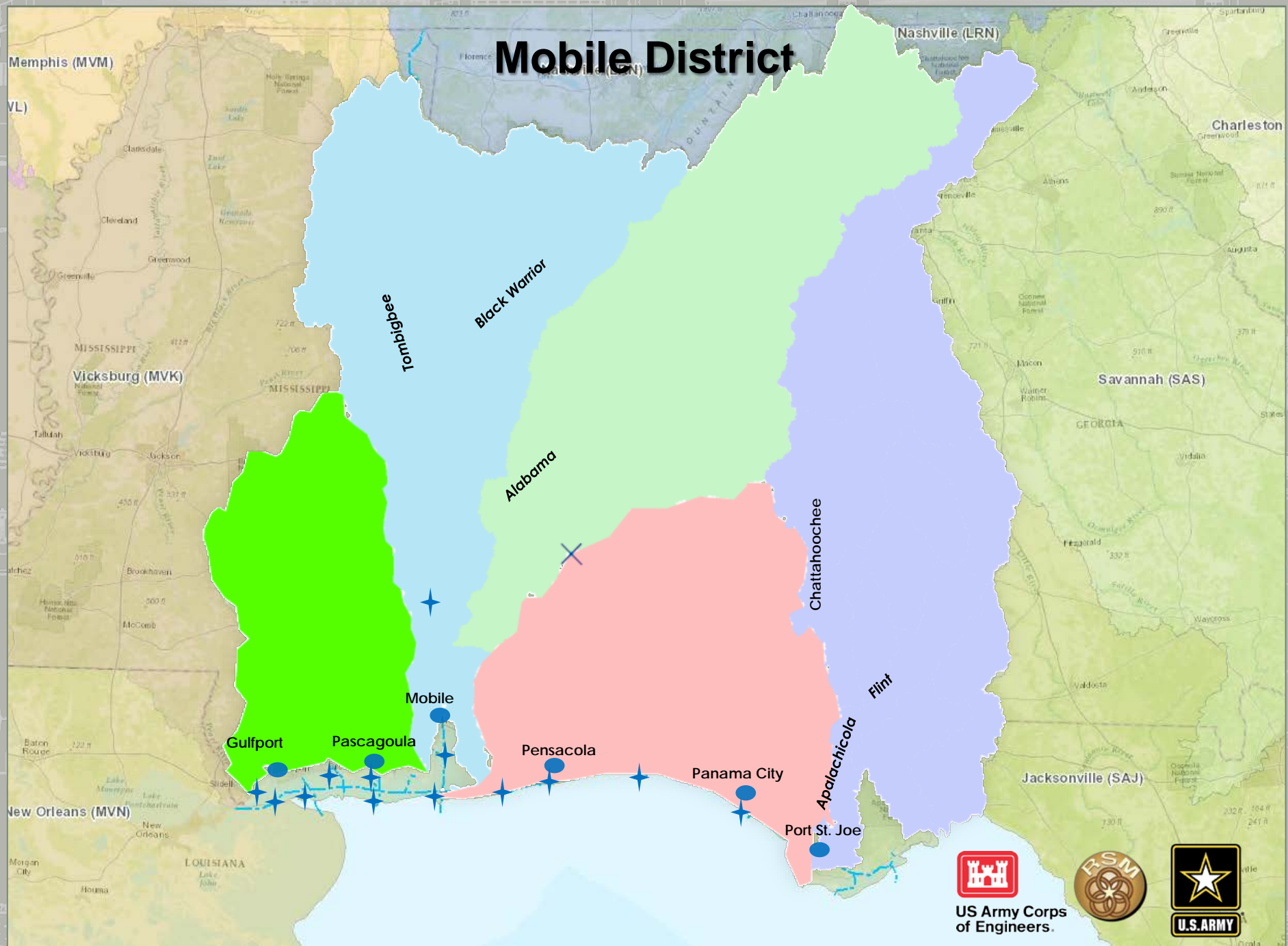
Geographic Reference



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Mobile District

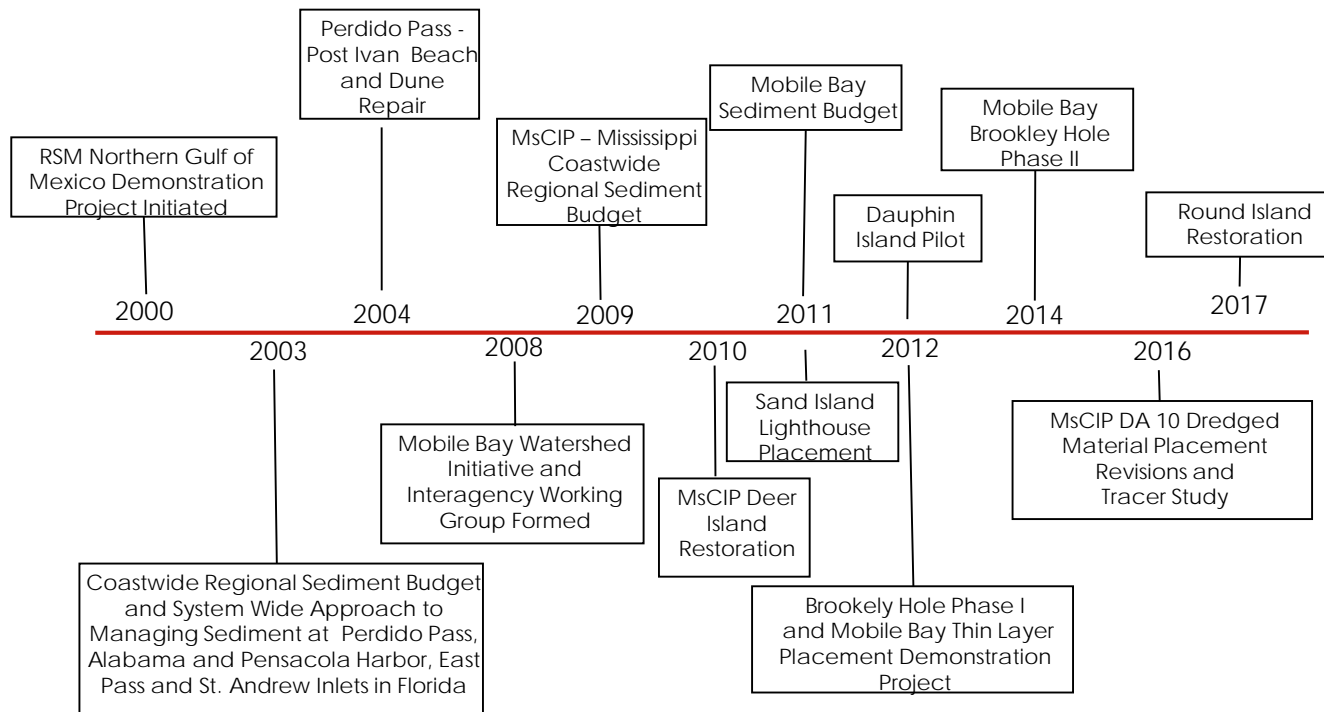


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Timeline of Mobile District Initiatives Aligning with RSM Principles



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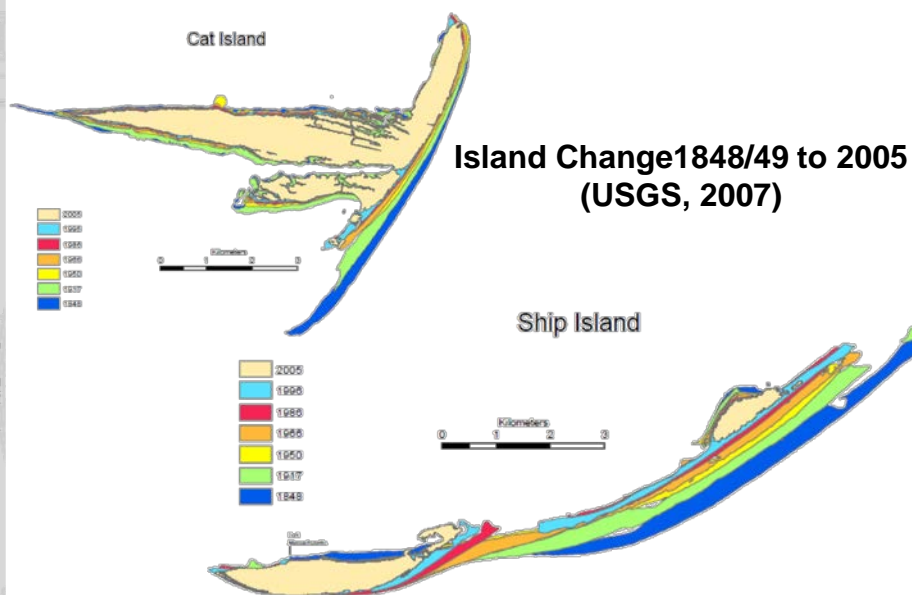
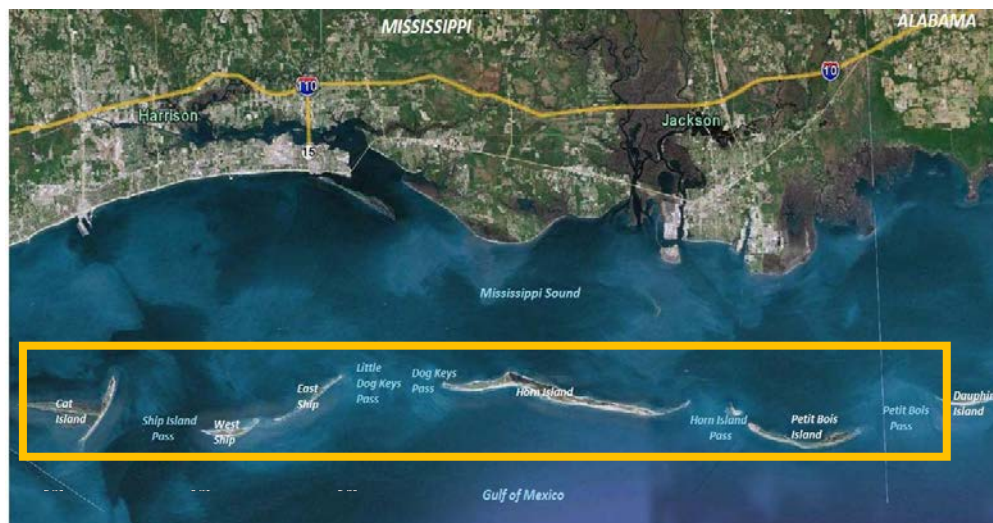


Mobile Bay, Alabama

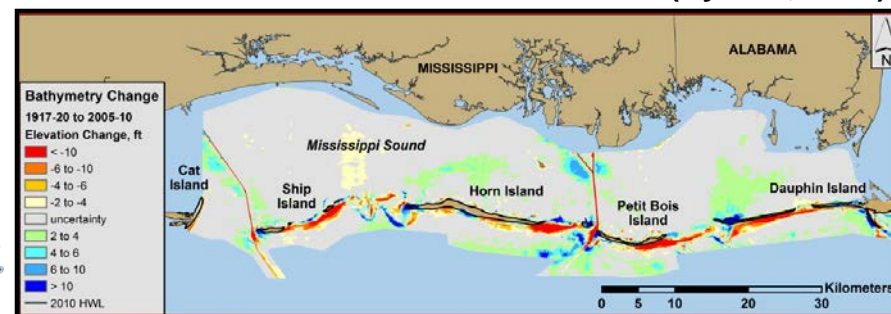


Mississippi Barrier Islands

Mississippi Barrier Islands



Erosion and Accretion 1917/20 to 2005/10 (Byrnes, 2012)



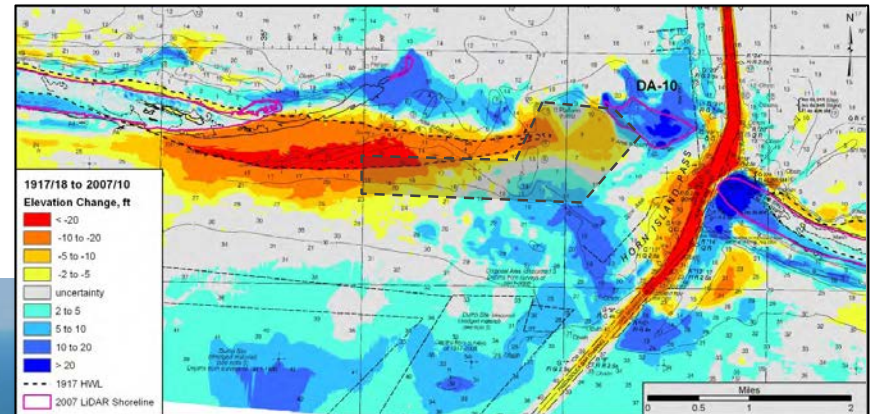
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Mississippi Barrier Islands - DA 10/Sand



Erosion and Accretion 1917/20 to 2005/10 (Byrnes, 2012)



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Mississippi Sound Island Restoration

Round Island



Deer Island



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Bring River Sand to the Coast

Pascagoula Beach



Dauphin Island Pilot Study



COLOR!!!



Key Take Always

- ❑ Sediments Beyond Sand are Valuable Resources
- ❑ Regional Implementation Strategies Across Multiple Projects and Funding Sources
- ❑ Multi-Disciplinary Teams and Partners
- ❑ Collaboration, Collaboration , Collaboration!

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Question ?

