

US EPA ARCHIVE DOCUMENT

COASTAL RESTORATION

“Shared Vision – Shared Results”

Gulf Coast Ecosystem Restoration Task Force

Susan Rees

Mississippi Coastal Improvements
Program

August 30, 2011



®

US Army Corps of Engineers
BUILDING STRONG®





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MISSISSIPPI'S VISION FOR SUCCESSFUL RESTORATION & SUSTAINABILITY

Enhance essential coastal processes and the ecological services they provide.

Incorporate a multiple lines of defense strategy.

Safeguard the region's rich cultural history and economic resources.

Address potential impacts of sea level rise and subsidence as a strategy to protect communities, infrastructure, and to restore ecosystems and the services they provide.



Restore historic configuration of the Coast/Barrier Islands restoration & management.



Promote health and safety through coastal community resilience workshops and tools.



Protect fish habitat that support fishing and seafood industries.



Provide educational resources through public outreach events and workshops.



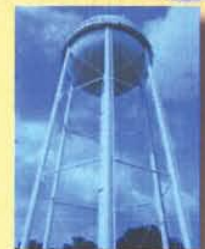
Purchase and mitigation of shoreline property.

Environmental justice for underserved communities

Development and sustainability of airports, transportation.



Revitalization of working waterfronts.



Re-locate critical infrastructure.



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collaboration
is everything





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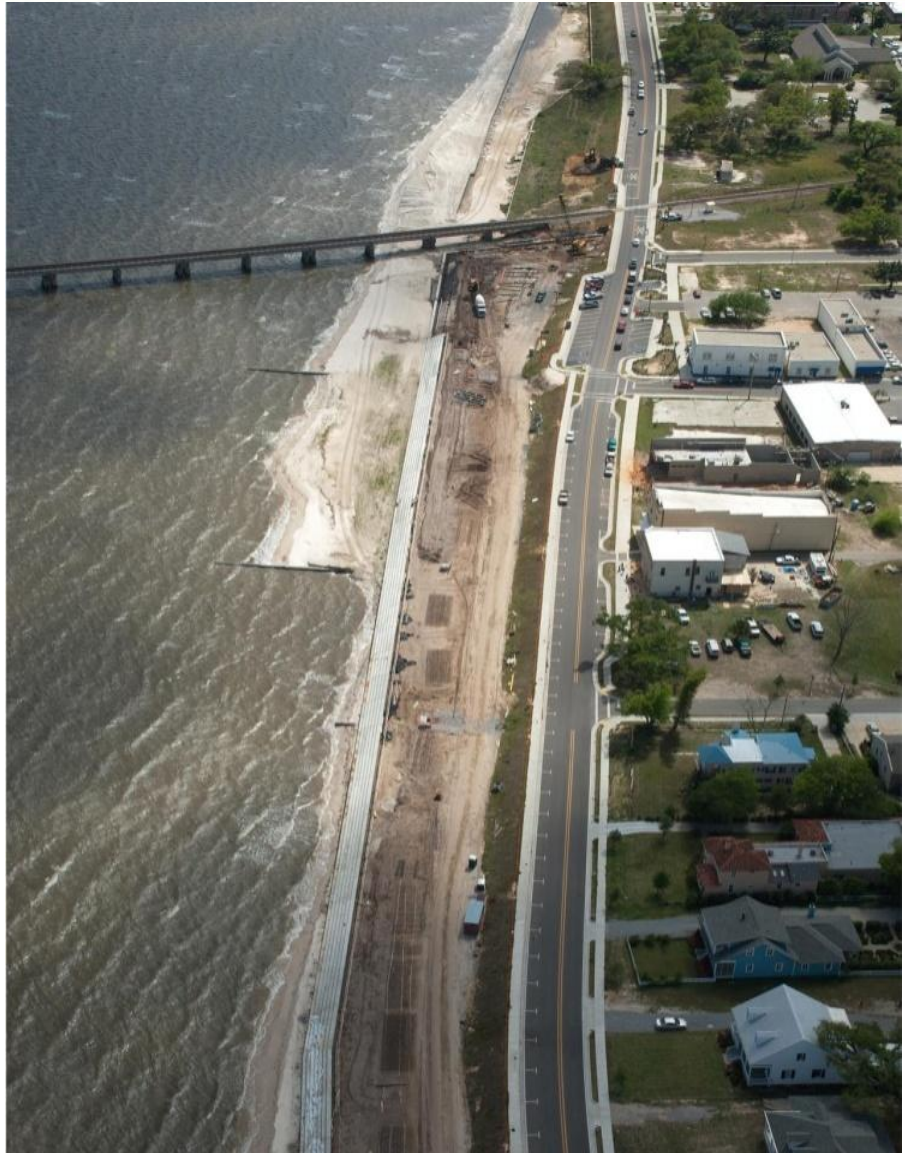
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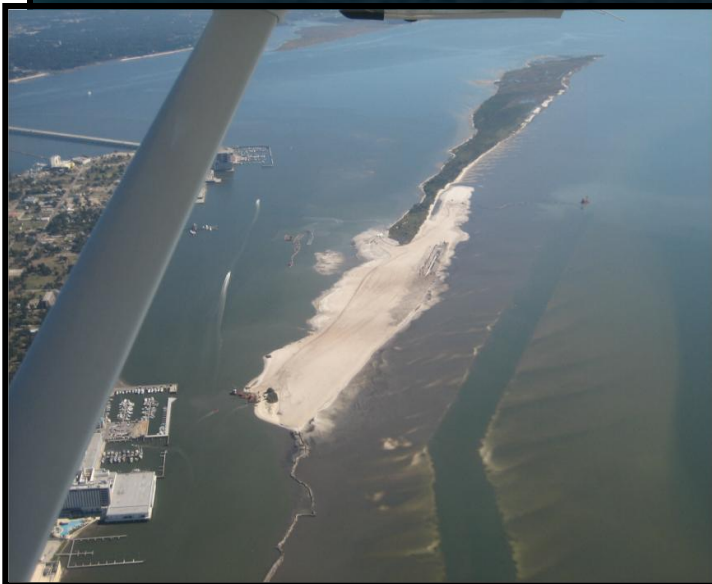


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Deer Island US Army Corps of Engineers MOBILE DISTRICT





Ship Island Before and After Hurricane Katrina



Before: May 27, 2005



After: September 8, 2005

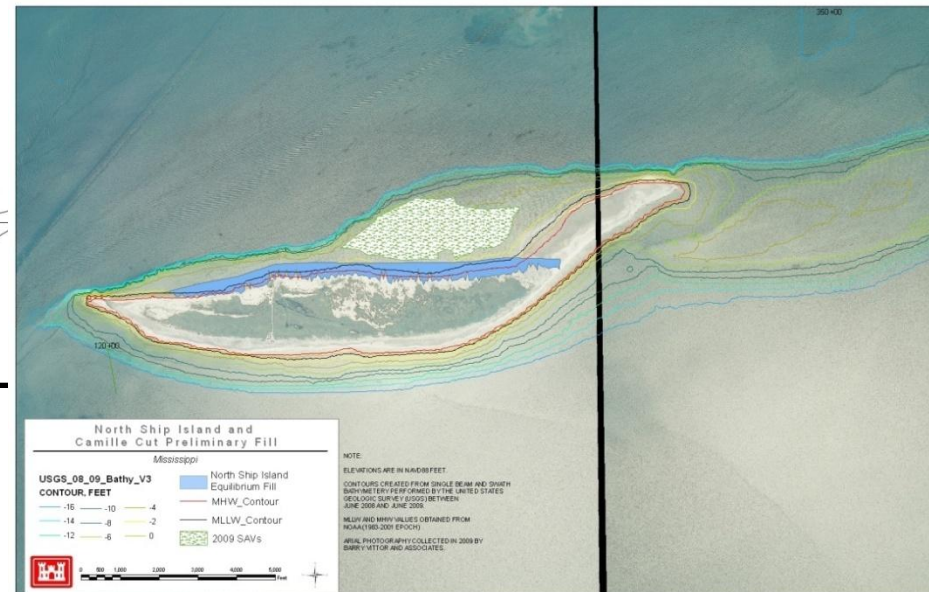
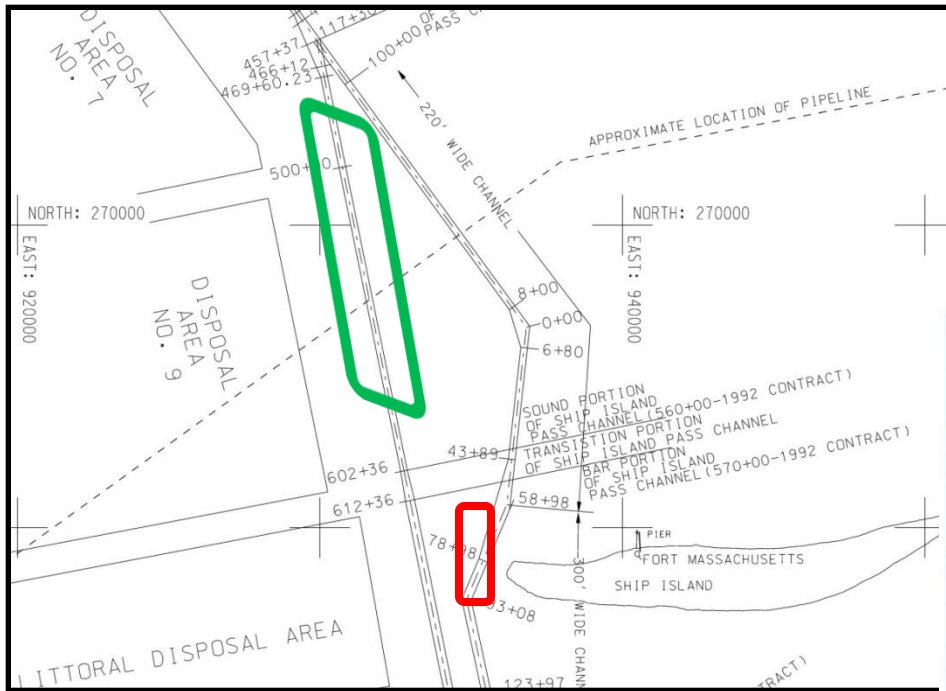


- Comprehensive Plan
 - Draft Report – 30 April 2009
 - CWRB – 21 May 2009
 - State and Agency Review – Aug 2009
 - Chief's Report – 15 September 2009
 - ROD signed – 14 January 2010
 - Transmittal to Congress – 15 Jan 2010
- Comprehensive Plan Status
- P.L. 111-32
 - Authority for Barrier Island and Ecosystem Restoration
 - \$439M
- Initial Focus
 - West Ship Island – North Beach
 - Barrier Island Studies
 - Cat Island



West Ship Island North Shore Restoration

370,800 CY of sand from the old alignment. Turbidity barrier to be used to protect SAVs. Rock Removal around Ft. Massachusetts



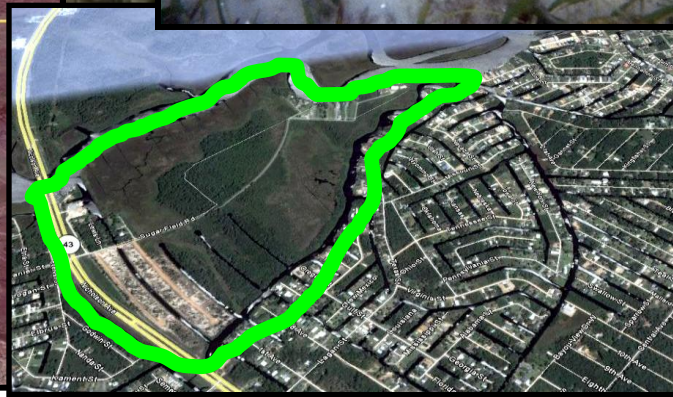
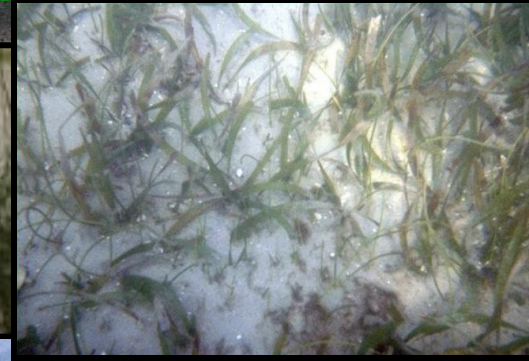
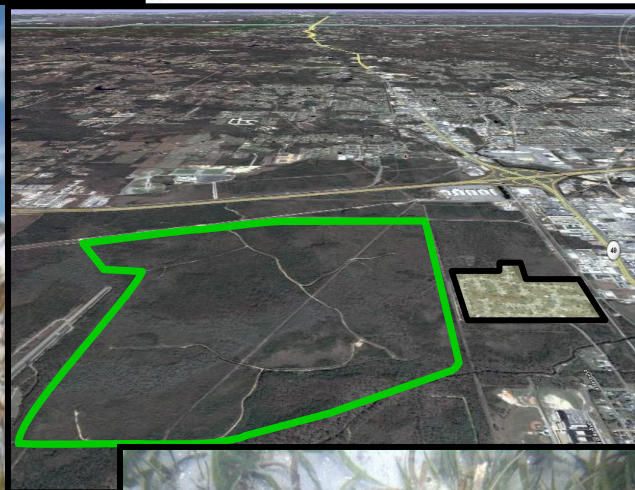
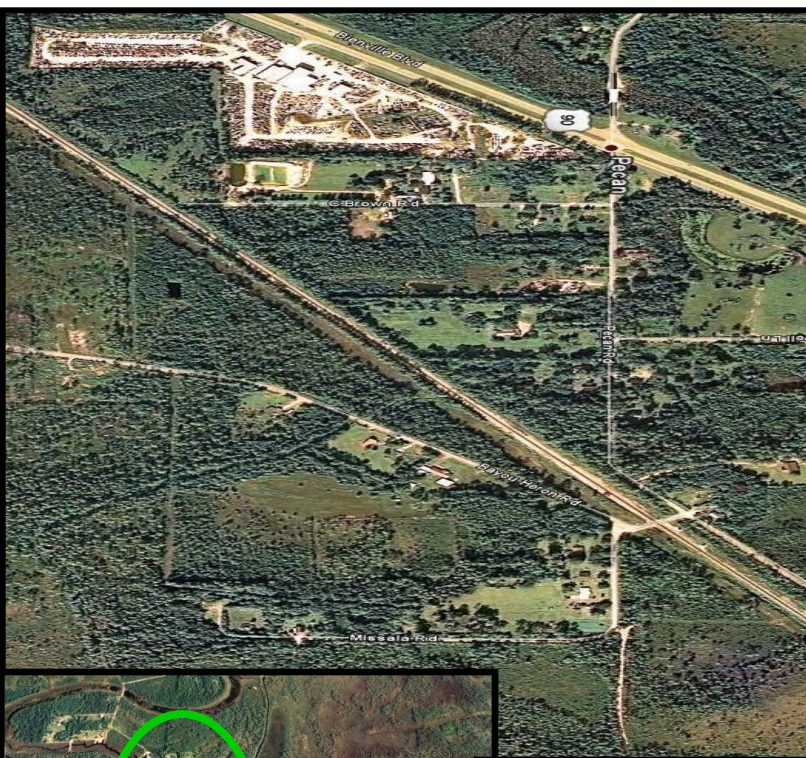


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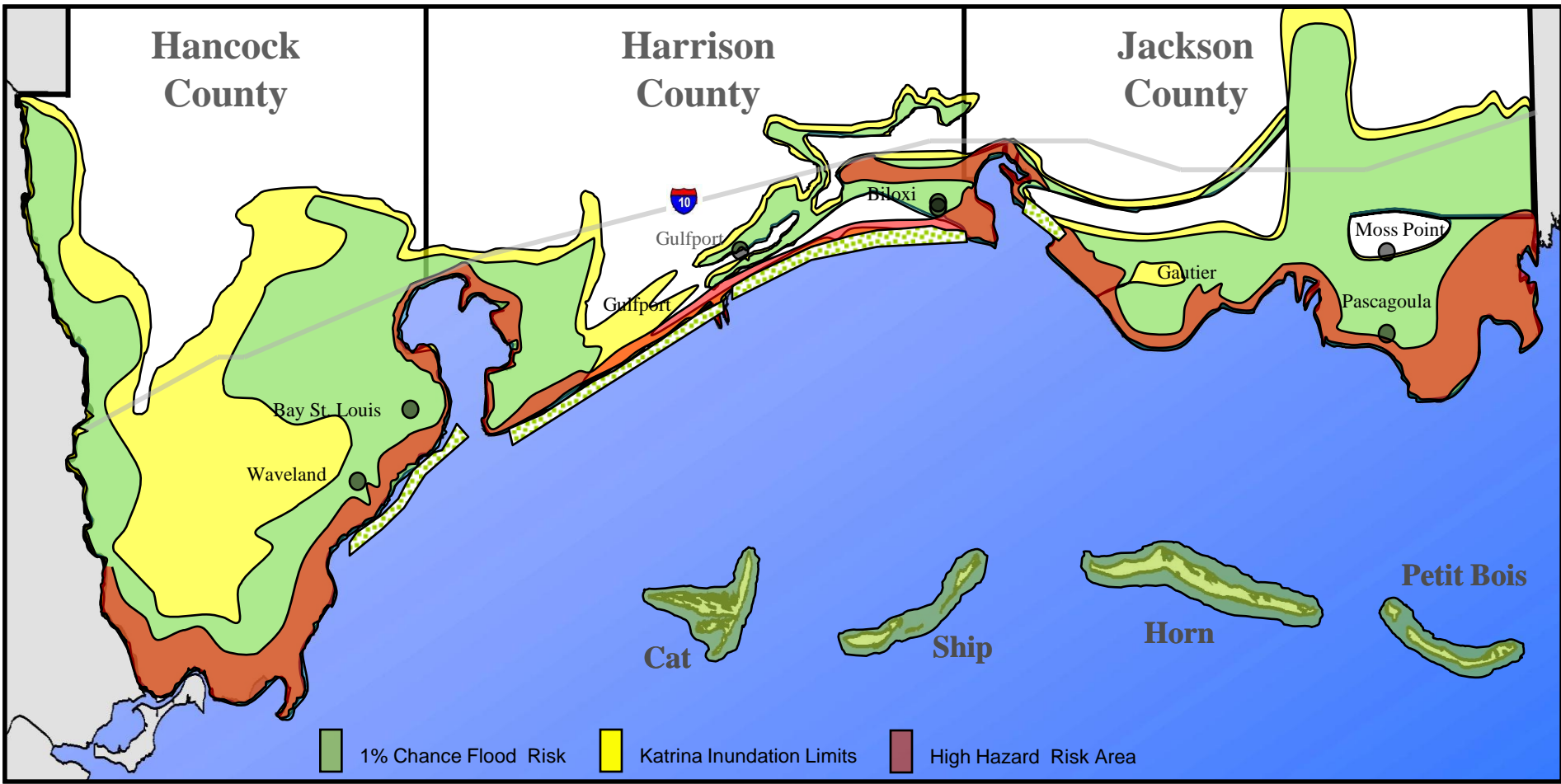


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- Hurricane / Storm
- Salt Water Intrusion
- Shoreline Erosion
- Fish & Wildlife

3 High Hazard Area Risk Reduction





- Hurricane / Storm
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5 Forrest Heights Levee Improvements

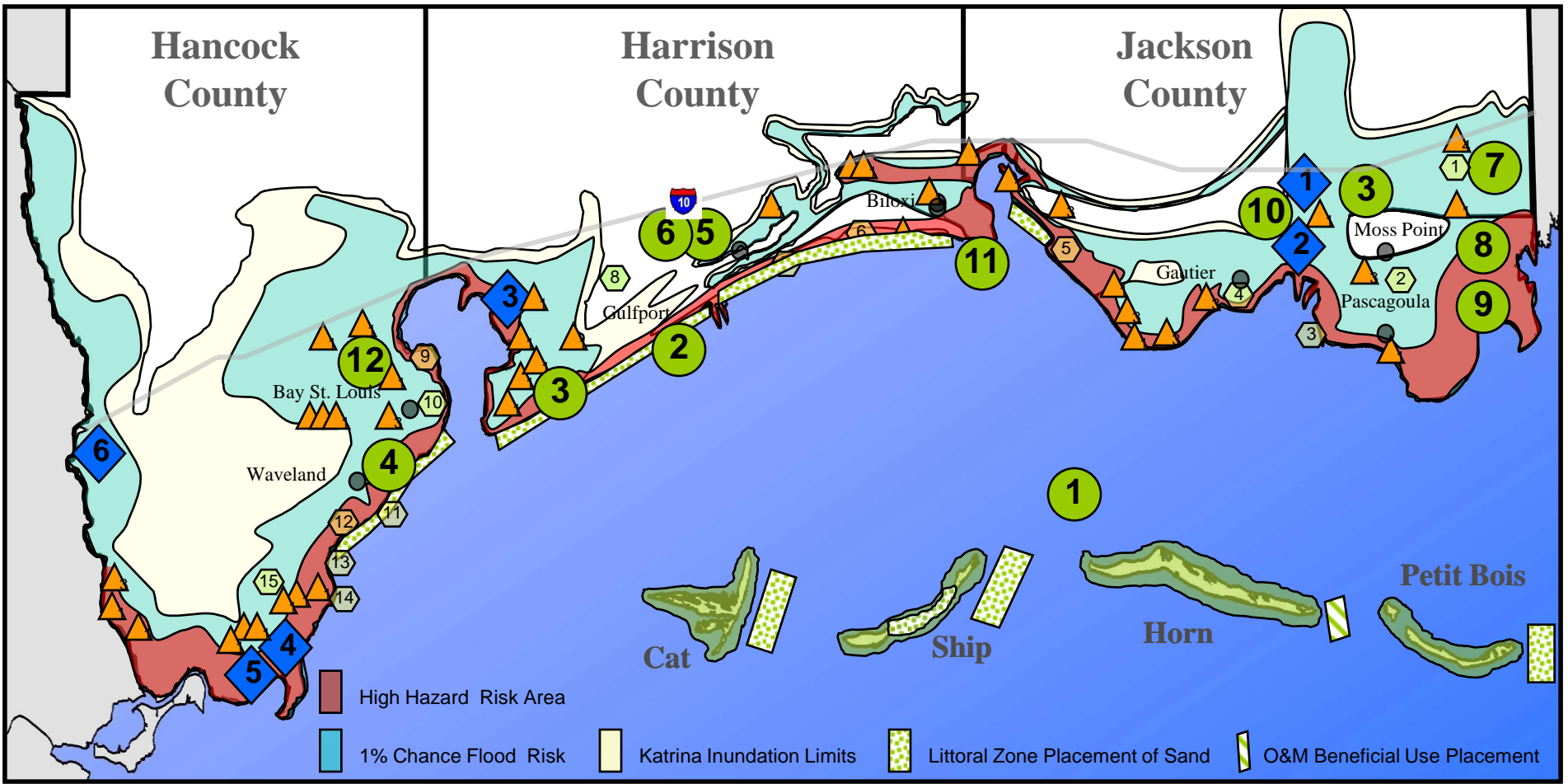


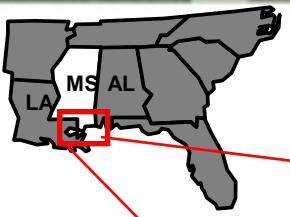


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Comprehensive Plan Elements

- Interim Projects
- Phase I Projects
- Ecosystem Restoration Studies
- Other Studies





Mississippi Coastal Improvements Program Comprehensive Plan (www.MsCIP.usace.army.mil)

