



# **Alabama TIG**

## **Draft Restoration Plan 3 and**

### **Annual Public Meeting**

**September 11, 2019**

**Five Rivers Delta Resource  
Center  
30957 Five Rivers Boulevard  
Spanish Fort, AL 36527**



# Tonight's Agenda

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- **Welcome and Introductions**
- **Alabama TIG Update**
- **Overview of Draft Restoration Plan III and Environmental Assessment**
- **Your Comments**

# Objective of NRDA

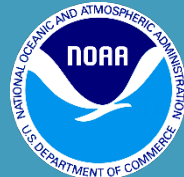
To make the environment and public whole for injuries to natural resources and services resulting from an incident involving a discharge or substantial threat of discharge of oil. (15 CFR § 990.10)



# Alabama Trustee Implementation Group

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- Alabama Department of Conservation and Natural Resources
- Geological Survey of Alabama
- National Oceanic and Atmospheric Administration
- Department of the Interior
- Environmental Protection Agency
- U.S. Department of Agriculture



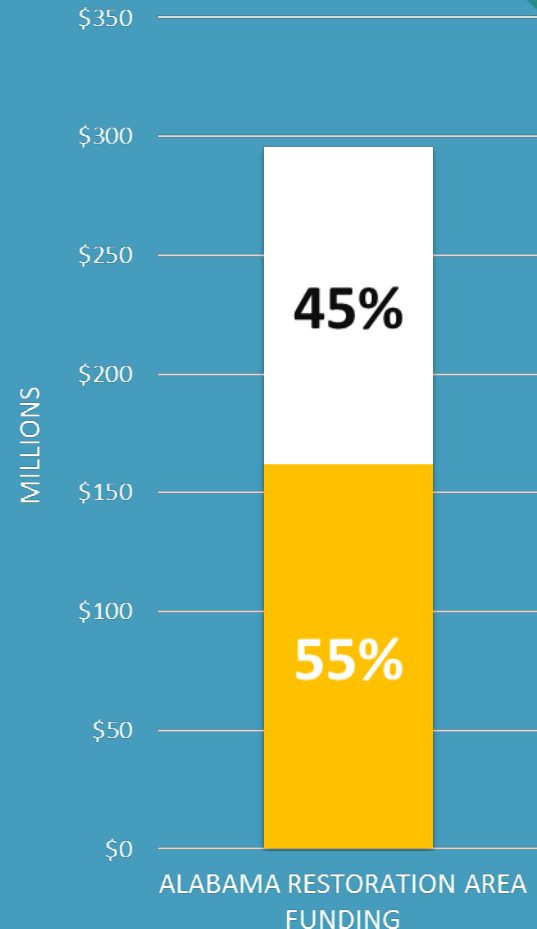
# Recent AL TIG Activities

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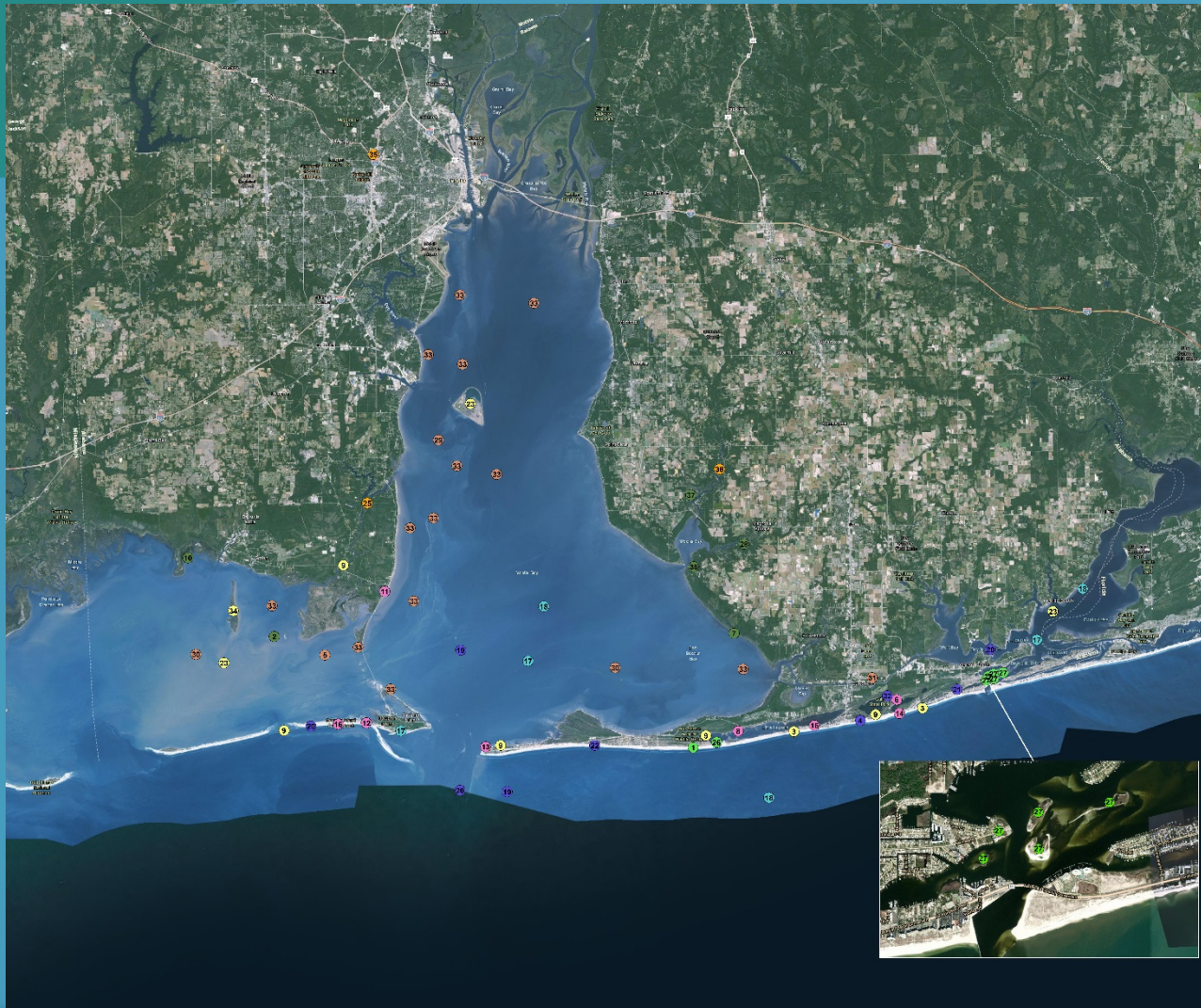
- Released the Final Alabama TIG Restoration Plan II (Ecological Restoration) in Fall 2018
- Issued a solicitation for project ideas in December 2018 for the drafting of AL TIG Restoration Plan III
- Hosted Inaugural Alabama Governor's Restoration Summit on October 11, 2018 at Spanish Fort Community Center

# Funding Update

- **Total allocation is \$295 million.**
- **Committed approximately \$162 million for 36 projects and planning activities as of May 2019.**



# Ongoing Projects



\* No map location

## Phase I Early Restoration

- 1) Alabama Dune Restoration Cooperative Project
- 2) Marsh Island (Portersville Bay) Marsh Creation

## Phase II Early Restoration

- 3) Enhanced Management of Avian Breeding Habitat Injured by Response in the Florida Panhandle, Alabama, and Mississippi
- 4) Restoring the Night Sky—Assessment, Training, and Outreach (E&D)

## Phase III Early Restoration

- 5) Alabama Oyster Culch's Restoration
- 6) Gulf State Park Enhancement Project
- 7) Alabama Swift Tract Living Shoreline

## Phase IV Early Restoration

- 8) Bon Secour National Wildlife Refuge Trail Enhancement
- 9) Osprey Restoration in Coastal Alabama
- 10) Point aux Pins Living Shoreline

## Restoration Plan I

- 11) Bayfront Park Restoration and Improvement (E&D only)
- 12) Daughlin Island Eco-Tourism and Environmental Education Area
- 13) Fort Morgan Pier Rehabilitation
- 14) Gulf State Park Lodge and Associated Public Access Amenities Project
- 15) Laguna Cove Little Lagoon Natural Resource Protection
- 16) Mid-Island Parks and Public Beach Improvements (Parcels B and C)

## Restoration Plan II

- 17) Alabama Estuarine Bottlenose Dolphin Protection: Enhancement and Education
- 18) Assessment of Alabama Estuarine Bottlenose Dolphin Populations and Health
- 19) CAST Habitat Usage and Population Dynamics
- 20) CAST Protection: Enhancement and Education
- 21) CAST Triage
- 22) Coastal Alabama Sea Turtle (CAST) Conservation Program
- 23) Colonial Nesting Wading Bird Tracking and Habitat Use Assessment—Two Species
- 24) Enhancing Capacity for the Alabama Marine Mammal Stranding Network
- 25) Fowl River Nutrient Reduction
- 26) Little Lagoon Living Shoreline
- 27) Lower Perdido Islands Restoration Phase I (E&D)
- 28) Magnolia River Land Acquisition (Holmes Tract)
- 29) Oyster Culch Relief and Reef Configuration
- 30) Oyster Grow-Out and Restoration Reef Placement
- 31) Oyster Hatchery at Claude Peete's Mariculture Center - High Spat Production With Study
- 32) Restoring the Night Sky - Assessment, Training, and Outreach (E&D)
- 33) Side-scan Mapping of Mobile Bay Relic Oyster Reefs (E&D)
- 34) Southwestern Coffee Island Habitat Restoration Project-Phase I (E&D)
- 35) Toulimins Spring Branch (E&D)
- 36) Weeks Bay Land Acquisition (Fast Gateway Tract)
- 37) Weeks Bay Land Acquisition (Harrod Tract)
- 38) Weeks Bay Nutrient Reduction

## Legend

### NRDA Projects

### Resource Category

- Birds
- Oysters
- Sea Turtles
- Human Use
- Marine Mammals
- Water and Watersheds
- Beaches, Dunes, Barrier Islands
- Wetlands, Coastal, and Nearshore Habitat

# Future AL TIG Activities

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- **Continue implementation and monitoring of projects**
- **Draft and publish Restoration Plan III to consider restoration of injury to Birds and to Provide and Enhance Recreational Opportunities**



# Coastal Alabama Sea Turtle Conservation Program

- Share the Beach
- AL TIG Restoration Plan II Provided funding to enhance Share the Beach
- Nest Stewardship & Data Collection
- Increase Hatchling Survival
- Informs Gulf-wide Data Collection



Photo Credit: AL Share the Beach Program



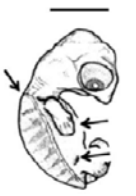


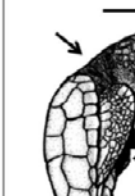


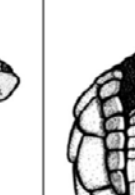


# Coastal Alabama Sea Turtle Conservation Program

## Data Integrity



# Coastal Alabama Sea Turtle Conservation Program

## Developmental Staging

Stage 24	Stage 25	Stage 26	Stage 27	Stage 28
				
Stage 29	Stage 30	Stage 31a	Stage 31b	
				



# Coastal Alabama Sea Turtle Conservation Program

## Education and Public Engagement



# Gulf State Park Lodge and Associated Public Access Amenities



Improved Trail	Beach Access	Dining	Information	Playground
Primitive Trail	Bike Parking	Dog Park	Nature Overlook	Restrooms
Road	Boating	First Aid	Parking	Store
Park Border	Camping	Fishing	Picnic Tables	Water Fountain

# Gulf State Park Lodge and Associated Public Access Amenities

## Interpretive Center



# Gulf State Park Lodge and Associated Public Access Amenities

## Trails



# Gulf State Park Lodge and Associated Public Access Amenities

## Learning Campus





# Draft Alabama Restoration Plan III and Environmental Assessment

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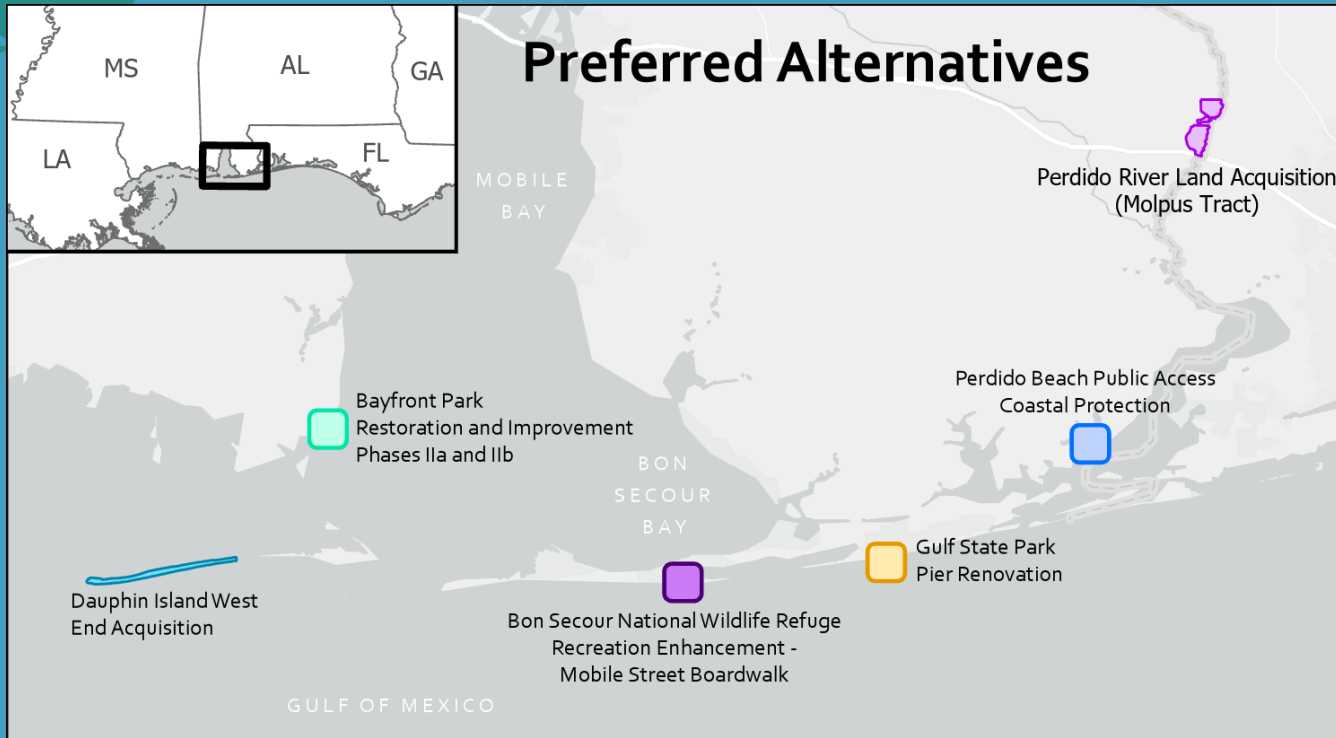
## Provide and Enhance Recreational Opportunities

- Perdido River Land Acquisition (Molpus Tract)
- Gulf State Park Pier Renovation
- Perdido Beach Public Access Coastal Protection
- Bayfront Park Restoration and Improvement Phases IIa and IIb
- Bon Secour National Wildlife Refuge Recreation Enhancement—Mobile Street Boardwalk






## Birds

- Dauphin Island West End Acquisition
- Stewardship of Coastal Alabama Beach Nesting Bird Habitat



# Draft Alabama Restoration Plan 3 and EA Preferred Alternatives

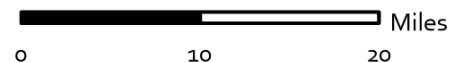


## Provide and Enhance Recreational Opportunities

-  Bon Secour National Wildlife Refuge Recreation Enhancement - Mobile Street Boardwalk
-  Bayfront Park Restoration and Improvement Phases IIa and IIb
-  Gulf State Park Pier Renovation
-  Perdido River Land Acquisition (Molpus Tract)
-  Perdido Beach Public Access Coastal Protection

## Birds

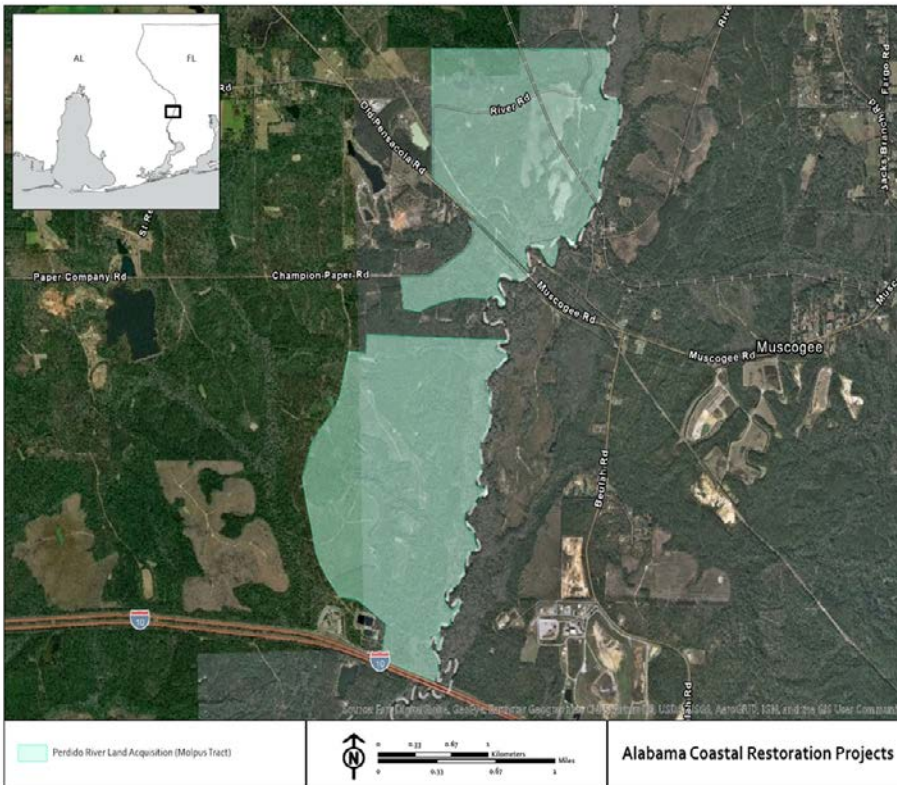
-  Dauphin Island West End Acquisition
-  Stewardship of Coastal Alabama Beach Nesting Bird Habitat\*



\*Various geographic areas—not illustrated on this map

# Provide and Enhance Recreational Opportunities Perdido River Land Acquisition (Molpus Tract)

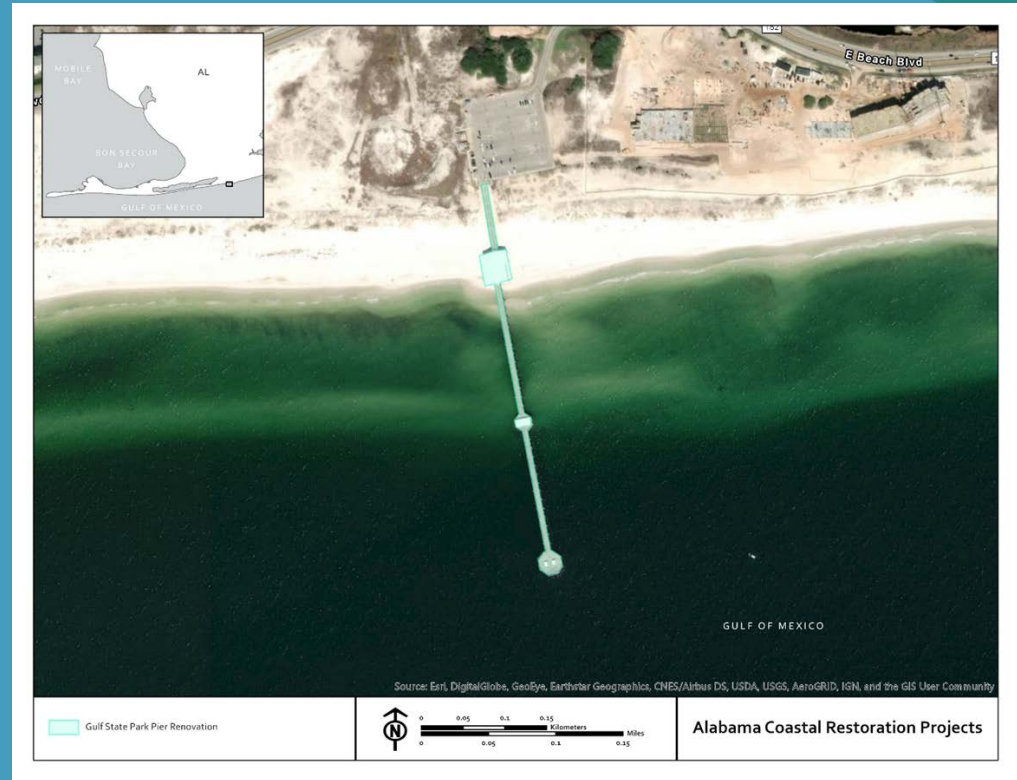
- Acquisition, improvement, and management costs are \$4,742,540.
- This project would acquire and place in conservation 1,391 acres of coastal habitat on the Perdido River.
- Would include a canoe/kayak launch that would link this property to the Perdido River Canoe Trail.
- Other improvements include parking and educational signage.



# Provide and Enhance Recreational Opportunities

## Gulf State Park Pier Renovation

- Renovation costs are estimated at \$2,447,021.
- This project would replace the entire pier deck with materials that have greater longevity.
- Project proposes to enhance lighting at the pier and in the parking lot with wildlife-friendly lighting.
- Project also proposes replacing the existing fish cleaning station.



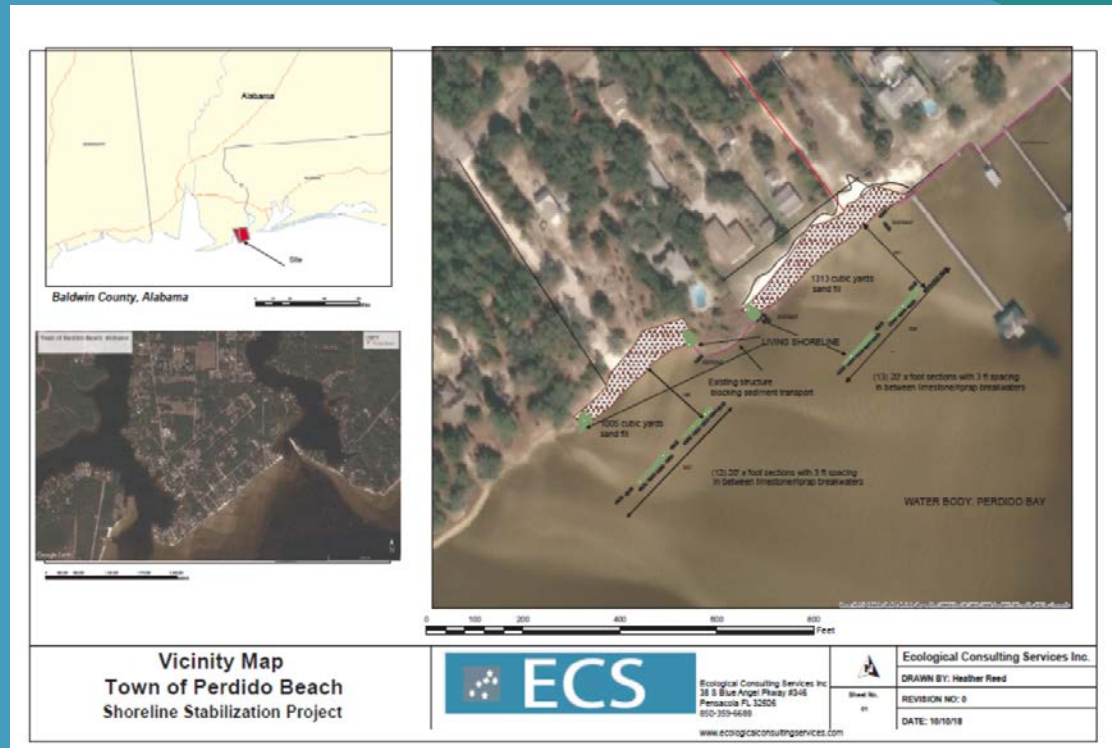
# Provide and Enhance Recreational Opportunities Bayfront Park Restoration and Improvement Phases IIa and IIb



- The estimated project construction cost is \$4,683,304.
- This project proposes the following improvements:
  - Shoreline improvements
  - ADA-compliant parking and sidewalks
  - Updating playground equipment
  - New restroom facilities
  - Expanding the boardwalk and constructing overlooks
  - Crushed aggregate walkways and access roads

# Provide and Enhance Recreational Opportunities Perdido Beach Public Access Coastal Protection

- The estimated project cost is \$333,300 and would include funds for planning and design, construction, monitoring.
- This proposed project\* would fund permitting, design, and construction of shoreline protection breakwaters at two areas of public access to the water in Perdido Beach, Alabama.
- Native vegetative planting would be added to further stabilize the shoreline.



\* The Trustees are not proposing to exceed the allocation for Provide and Enhance Recreational Opportunities in this RP III/EA. Implementation of these asterisked preferred alternatives is therefore pending fund availability. Additional funds could become available to the Provide and Enhance Recreational Opportunities restoration type for various reasons (e.g., project cancellation or modification, projects under budget, etc.), at which time the AL TIG could allocate those recreational use funds to the asterisked preferred alternatives, consistent with this RP III/EA, through TIG resolution.

# Provide and Enhance Recreational Opportunities Bon Secour National Wildlife Refuge Recreation Enhancement—Mobile Street Boardwalk



- The estimated project cost is \$1,189,899 and would include funds for construction and monitoring.
- This proposed project\* would replace the current boardwalk with a material that has a longer life span than wood in harsh coastal environments.
- Project also proposes to install proper drainage, level the surface, and add gravel to the Mobile Street parking lot.

\* The Trustees are not proposing to exceed the allocation for Provide and Enhance Recreational Opportunities in this RP III/EA. Implementation of these asterisked preferred alternatives is therefore pending fund availability. Additional funds could become available to the Provide and Enhance Recreational Opportunities restoration type for various reasons (e.g., project cancellation or modification, projects under budget, etc.), at which time the AL TIG could allocate those recreational use funds to the asterisked preferred alternatives, consistent with this RP III/EA, through TIG resolution.

# Birds

## Stewardship of Coastal Alabama Beach Nesting Bird Habitat

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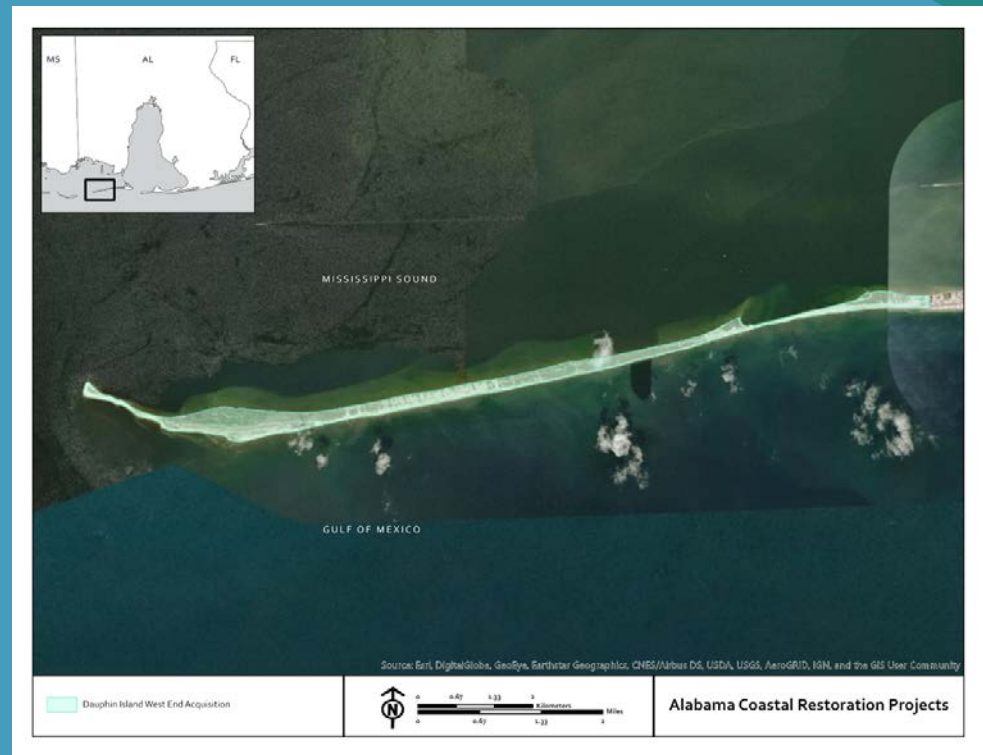
- **The estimated project cost is \$2,018,047.**
- **This project would take place coast-wide in Alabama, after consultation with ADCNR and the USFWS**
- **This project proposes five activities to support the stewardship of coastal bird species of concern:**
  - 1. Conduct stewardship activities to reduce human disturbances that contribute to nest failure**
  - 2. Conduct targeted, coordinated predator management activities**
  - 3. Conduct monitoring in support of adaptive management at project sites to determine nesting and fledging success**
  - 4. Deploy decoys to attract target bird species to suitable nesting areas**
  - 5. Conduct habitat and nesting area enhancements**



# Birds

## Dauphin Island West End Acquisition

- The estimated project cost is \$6,681,250 and would include funds for acquisition and management.
- This project proposes acquisition of ~838 acres of beach/dune habitat at the west end of Dauphin Island.
- Project would also develop a bird management plan and implement initial management actions based on that plan.
- This property would be maintained as natural habitat and serve as a protected area for injured bird species.



# Draft Alabama Restoration Plan III and Environmental Assessment

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## Public Comment Session

Written comment can also be provided through  
October 3, 2019

Online at:

<http://parkplanning.nps.gov/restorealabamaP3>

By mail (hard copy) addressed to:

U.S. Fish and Wildlife Service, P.O. Box 29649, Atlanta,  
GA 30345



# THANK YOU

<https://www.alabamacoastalrestoration.org/>

<https://www.gulfspillrestoration.noaa.gov/>

