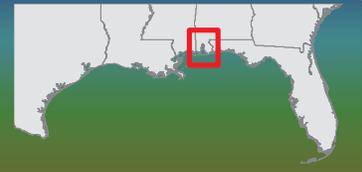




Gulf Coast  
Ecosystem  
Restoration  
Council

# Mobile Bay Watershed

Alabama Living Shorelines Program  
(AL\_RESTORE\_004\_001-003\_Cat1/Cat2)



**Project Name:** Alabama Living Shorelines Program

**Costs:** Category 1: \$908,500 | Category 2: \$5,341,500

**Responsible Council Member:** State of Alabama

**Partnering Council Member:** U.S. Army Corps of Engineers

**Project Details:** As shoreline armoring increases in our coastal estuaries, intertidal habitats continue to be lost. To address this issue, resource agencies, regulatory agencies, non-governmental organizations (NGOs) and other concerned partners have been actively promoting living shorelines as an alternative to traditional bulkheads and similar shoreline armoring. This project would conduct all preliminary planning associated with the potential future construction of three proposed Living Shorelines Projects (Coffee Island, Boggy Point, and Point aux Pins) in Mobile Bay, Alabama.

**Activities:** The proposed project includes activities in two FPL categories. Category 1 activities would include all preliminary planning, engineering, design, regulatory compliance and permitting associated with the potential future construction of three proposed Living Shorelines Projects in Mobile and Baldwin counties.

Category 1 project areas would include Coffee Island and Point Aux Pins in Mississippi Sound (Mobile County) and Boggy Point in Orange Beach (Baldwin County). The design goals for the Coffee Island Project would involve the augmentation and modification of the existing living shorelines breakwaters on the southeastern side of the island in order to improve shoreline protection performance. The goals for the Point aux Pins site would include planning and design of living shorelines techniques along the southeastern and southern tip of Point aux Pins to address severe chronic erosion and shoreline loss at the site. At Boggy Point, the project would design living shorelines adjacent to the heavily used ADCNR Boggy Point Boat Ramp to restore and protect existing shoreline and salt marsh habitat.

Category 2 activities, if implemented in the future, would construct and install the living shorelines designs completed in Category 1 at the Boggy Point and Point aux Pins sites. Project-specific post-construction monitoring would also be conducted for a period of five years.

**Environmental Benefits:** If Category 2 activities were implemented, the projects would protect and restore shoreline and salt marsh habitat. If implementation proceeds and the projects mature, it is anticipated that wave energies would be reduced, shoreline and salt marsh loss would be reversed and/or slowed, salt marsh would be restored and estuarine productivity would be increased.

**Duration:** The planning phase is expected to take one to two years to complete. If Category 2 activities were implemented, activities are expected to begin within five years of completing the planning activity and it is anticipated the construction would take one to two years.

**More information on these activities can be found in Appendix F. Mobile Bay; Unique Identifier:** AL\_RESTORE\_004\_001-003\_Cat1 and AL\_RESTORE\_004\_001-003\_Cat2.



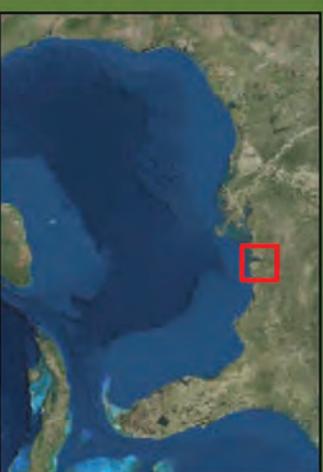
# Gulf Coast Ecosystem Restoration Council

## Mobile Bay Watershed

### Alabama Living Shorelines Program

▲ Living Shoreline Restoration Sites

**Cost:** Category 1: \$908,500 | Category 2: \$5,341,500  
**Sponsor:** State of Alabama  
**Project Status:** Planning/Implementation  
**Purpose:** The project would allow Alabama to design and implement living shoreline restoration techniques along the Alabama Coast. **Planning** - This project would support engineering, design, and permitting activities at three sites. **Implementation** - If funded in the future, this project would construct two of the planned living shorelines projects.



Map Date: August 10, 2015

Gulf of Mexico

Mobile Bay

Point aux Pins

Coffee Island

Boggy Point