



# NFWF

# Gulf Environmental Benefit Fund

### RECIPIENT

Mobile Bay National Estuary Program/Marine Environmental Sciences Consortium

### AWARD AMOUNT

\$250,000

### PARTNERS

Point Fishing Pier, Inc.

Mobile County

### LOCATION

Dauphin Island, Alabama

### AWARD DATE

November 2018

### STATUS

Active

### PROGRESS UPDATE

Project recently awarded. (February 2019)

## ALABAMA

# Dauphin Island Causeway Shoreline Restoration: Engineering and Design

This project will fund the engineering and design of breakwaters to enhance, protect, and improve resiliency of marsh and oyster habitat adjacent to the Dauphin Island Causeway. Erosive forces, like tidal action, wave energy, and storms, provide a constant threat to the coastal habitats in this area. Productive wetland habitat has been lost along the Bay side of the Causeway, forcing the Alabama Department of Transportation to install and rely upon riprap revetment to protect the low-lying transportation corridor. The goal of the project is to stabilize the shoreline along the Bay side of the Dauphin Island Causeway and to create/enhance wetland and coastal habitat. The project recently received additional funding from the new National Coastal Resilience Fund.

This shoreline protection design will increase resilience and ensure long-term sustainability of coastal habitats in the face of winds, tides, ship wakes, and storm surge. It will also enhance resilience of fisheries resources by restoring marsh habitat lost over previous decades. Breakwaters may also provide suitable substrate for oyster production.



This project will help restore important coastal habitat such as tidal marsh shown above to enhance the State's fishery resources and safeguard an important vehicular access to the Dauphin Island community.

The Gulf Environmental Benefit Fund, administered by the National Fish and Wildlife Foundation (NFWF), supports projects to remedy harm and eliminate or reduce the risk of harm to Gulf Coast natural resources affected by the 2010 Deepwater Horizon oil spill. To learn more about NFWF, go to [www.nfwf.org](http://www.nfwf.org).