NFWF | Gulf Environmental Benefit Fund

ALABAMA

Dauphin Island Beach Nourishment: Engineering and Design

This project will complete 30% engineering and design activities as Phase I of a multi-phase restoration effort to restore beach and dune habitats located along the western end of Dauphin Island. The western end of the island has experienced tremendous shoreline retreat over the past three decades and is highly susceptible to storm impacts due to its low elevation, narrow width, and lack of large, natural dune features. This project aims to restore and maintain the ecological functions of the coastal habitat to ensure its viability against current and future threats while also restoring and protecting habitat for a variety of living resources on the island and within Mississippi Sound.

Project activities will focus on field investigations, including geotechnical analyses, survey, and cultural resource assessments. Engineering and design tasks will include technical analysis, modeling, and 30% design drawings. The design will focus on Gulf-facing land from approximately mid-island west to Katrina Cut. Once constructed, the restored area would be naturally nourished as sand migrates westward from the east end of the island.

This project will initiate engineering and design to restore barrier island beach and dune habitats along Dauphin Island Beach, pictured above.

AT A GLANCE

RECIPIENT:
Town of Dauphin Island

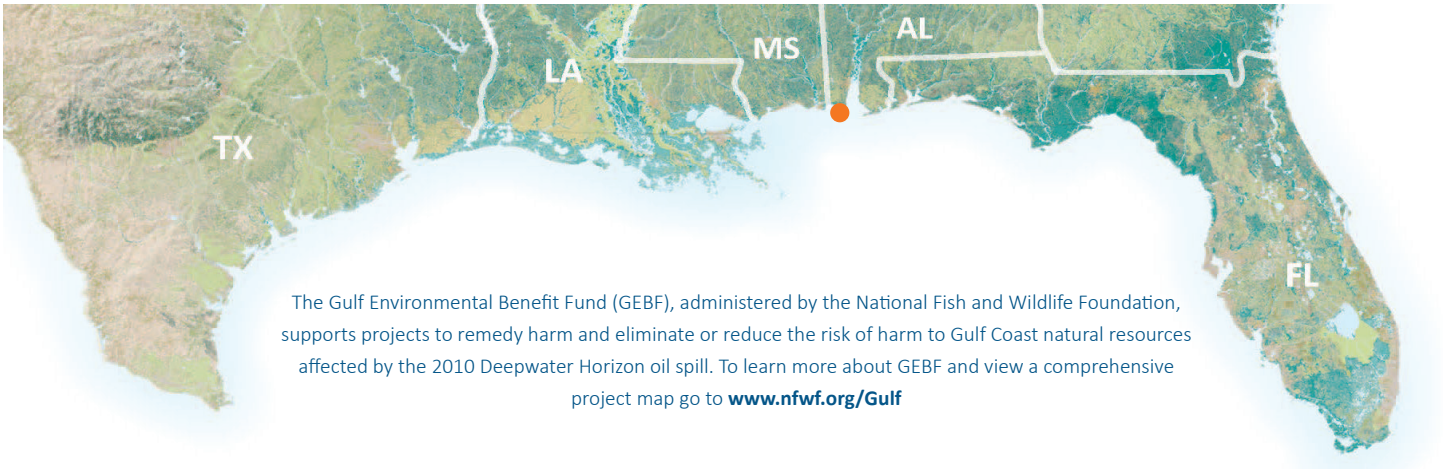
AWARD AMOUNT:
$1,143,000

PARTNERS:
Alabama Department of Conservation and Natural Resources

LOCATION:
Dauphin Island

AWARD DATE:
November 2021

STATUS:
Awarded



The Gulf Environmental Benefit Fund (GEBF), administered by the National Fish and Wildlife Foundation, 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 GEBF and view a comprehensive project map go to **www.nfwf.org/Gulf**