



NFWF

Gulf Environmental Benefit Fund

LOUISIANA

East Timbalier Island: Engineering & Design

This project will advance necessary planning analysis to determine size and scope of the project as well as engineering, design, land rights and permitting activities associated with critical barrier islands in lower Terrebonne Bay.

East Timbalier Island is part of a barrier island chain that separates Terrebonne and Timbalier bays from the Gulf of Mexico. The island is currently comprised of two severely degraded segments and the proposed project would re-establish the historic footprint, reconnecting the two segments.

East Timbalier Island has been severely degraded due to the impacts of several strong storms, subsidence and other factors. Historically, the island served to define the seaward boundary of the eastern Terrebonne Basin estuary, reducing the transmission of Gulf waves into Terrebonne Bay. This project is critical to maintain lower wave-energy environments in eastern Terrebonne Basin, which protects fragile interior marshes and infrastructure and provides quiescent bay habitats preferred by many fish and invertebrate species. In addition, the island provides critical beach, dune, and marsh habitat in isolation from the human disturbances that typically impact many gulf coast barrier islands.



The re-establishment of a severely degraded barrier island will protect fragile marshes and provide critical habitat for Gulf Coast birds.

AT A GLANCE

RECIPIENT: Louisiana Coastal Protection and Restoration Authority (CPRA)

AWARD AMOUNT: \$7,817,700*

LOCATION: Lafourche Parish, Louisiana

AWARD DATE: November 2013

STATUS: Active

PROGRESS UPDATE: Due to significant breaching and other complexities through the engineering phase, CPRA made a decision to not restore East Timbalier Island. Engineering and design efforts were instead focused on the Terrebonne Barrier Island and Beach Nourishment Construction (2018).

*Project was amended in November 2017 to add \$2,228,700 for additional data collection and surveys.



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