

## **State of Louisiana**

### **West Grand Terre Beach Nourishment and Stabilization**

The objectives of the proposed West Grand Terre Beach Nourishment and Stabilization project are to restore and enhance dune and back barrier marsh habitat to provide storm surge and wave attenuation, thereby addressing the issues of gulf shoreline erosion, diminished storm surge protection, and subsidence of back barrier marshes. This project is estimated to build 12,700 feet of beach and dune with an area of 235 acres. In addition, up to 66 acres of back barrier marsh will be restored and a rock revetment will be constructed to protect the restored marsh. The project will increase the width of the island and maintain shoreline integrity through the introduction of sediment in order to increase island longevity. Louisiana's barrier islands have decreased in land mass by more than 50% over the last 100 Years, with the Barataria/Plaquemines region being one of the most rapidly disappearing areas in Louisiana. The West Grand Terre Beach Nourishment and Stabilization project will be constructed by hydraulically dredging and pumping sediment from offshore deposits near the Quatre Bayou borrow site approximately nine miles to the designated fill sites. Requested funding amount: \$7,259,216.