

State of Louisiana

Biloxi Marsh Living Shoreline

The Biloxi Marsh Living Shoreline project is needed to protect, enhance, and restore the Biloxi Marshes which function as an important storm buffer for the city of New Orleans, an important cultural and economic center for the Gulf region, and will provide habitat as well as a variety of eco-system services. The Biloxi Marshes consist of approximately 49,000 hectares of brackish and salt marshes, which have been greatly impacted by shoreline erosion from wind-driven waves. The purpose of this project is to create bioengineered, marsh-fringing oyster reefs to promote the formation of self-sustaining living shoreline protection structures. The project is estimated to create approximately 47,000 feet of oyster barrier reef along the eastern shore of Biloxi Marsh. The Biloxi Marsh Living Shoreline project will be constructed by mechanically placing a manufactured product, or suite of products, just off the shoreline to create a living breakwater structure. A mechanical dredge will be used to provide access and flotation to the project area. The project area is located along the shoreline of Eloi Bay and Eloi Point, near the mouth of Bayou la Loutre. Requested funding amount: \$3,220,460.