

PROJECT PROFILE



Project Name:

Bayou Monnaie Shoreline
Protection Project

Project Customer:

Ducks Unlimited

Project Location:

Golden Meadow, Louisiana

Martin EcoSystems Product:

Vegetated EcoShield®

Application:

Shoreline Stabilization

Application Summary

A large portion of marsh in the area near Bayou Monnaie has eroded away which has resulted in areas of turbid, open, saline water that provides little value to migratory birds and other wetland-dependent wildlife. Earthen terraces were constructed as a solution to decrease fetch and turbidity while also lessening erosion, creating marsh habitat, increasing submerged aquatic vegetation (SAV) productivity, and restoring water quality. Earthen terraces are also susceptible to erosion in some areas which is why Ducks Unlimited contracted Martin Ecosystems to test and compare the protection capabilities of EcoShield with no protection.

Solution

In May 2017, Martin Ecosystems installed 1080 feet of Vegetated EcoShield®.

On June 26, 2017, we inspected the project following the landfall of Tropical Storm Cindy. Vegetated EcoShield® The product remains intact and anchored in place following the storm. Erosion has occurred in only a months time in the gaps left unprotected. by EcoShield®. EcoShield is doing its job to protect the terrace shoreline