

## Application Story

PROJECT | BATTERY ISLAND, NORTH CAROLINA  
 Product | Geotube® Marine Structures Technology  
 Application | Wetlands Creation

Location | Battery Island, North Carolina  
 Installation | 2001

### The Challenge:

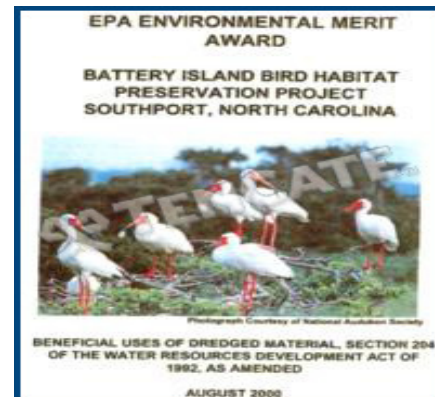
Heavy ship traffic on the Cape Fear River leading to the port of Wilmington was causing severe erosion to Battery Island. A solution was needed to provide shoreline protection of the wetlands areas of the island.

### The Solution:

Geotube® marine containment technology was selected for use in this shoreline project. 5,000 linear feet of Geotube® containers were installed. The containers were placed 100 feet from the shoreline to create the necessary erosion protection [photo 2]. Sand was pumped into the annular space between the Geotube® units and the original shoreline to create the new wetlands area [photo 3].

### The Results:

The project was a success in protecting the island's shoreline. This Geotube® project received the EPA Environmental Award for Beneficial Use of New Technology [photo 4].



### Contact Information:

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