BioHaven floating islands have been successfully applied to protect and restore the sensitive coastlines of Louisiana. The proven wave dampening properties of BioHaven allows it to function as a wave breaker, absorbing energy and protecting the shoreline from further damage.

The floating islands create a protected shoreline environment, supporting sediment accretion and enabling marsh grasses and seashore vegetation to establish. The unique construction of BioHaven means that it can withstand 90mph winds, it is designed to rise and fall with the tide and will rebound if inundated during a storm event.

The Louisiana BioHaven floating wetlands have been successfully demonstrated to provide a secure nesting habitat for sea bird species as well as a natural shelter for fish.

BioHaven creates beautiful resilient habitats using local plant species to the benefit of bird and marine life. BioHaven protects, cleanses and enhances shorelines, opening up opportunities for recreational activities.

The islands can be installed in tidal environments, at any water depth and in any shape, offering endless design options, including stand alone islands for water sports circuits and regattas.

BioHaven have been successfully tested in very tough saltwater environments, including harsh marine environments off the coast of South East Alaska.

BioHaven have also been installed in ponds and lakes in Shanghai, China and Singapore. Results include erosion protection, wave mitigation, water quality improvement & significant habitat gain.

This cost-effective modular system was installed using no heavy equipment and without causing damage to habitat that it’s designed to protect.

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