Modular Gabion Systems







Project

Location:

Clear Lake, Houston, Texas

Specifier:

Turner, Collie & Braden

Contractor:

Bionomics

Project Date:

2001

Project Notes:

Along the shores of Clear Lake (Galveston Bay), fragile wetlands are threatened by the encroachment of recreational activities, residences and businesses. This gabion seawall structure built just offshore provides protection for the important estuary system. Boats are restricted by the barrier; wave action is absorbed within the wall but, because gabions are porous, the wetlands continue to be fed by water flowing through the wall at a reduced velocity. The environment within the structure is returned to a more natural state of wetland, fostering the growth of native plants so vital to the ecosystem and protected from wave action and prop-induced erosion.

MODULAR GABION SYSTEMS

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