

Established in 1983, Taylor Engineering, Inc. provides specialized technical services in water resources and coastal engineering and the environmental sciences through five operational groups:

- Coastal Engineering
- Environmental Sciences
- GIS
- Hydrology and Hydraulics
- Waterfront Engineering

Within these service areas, specific expertise includes

- Flood risk analysis and floodplain management
- Coastal engineering, hydraulics, planning, and management
- Shore protection, including coastal structures and beach nourishment
- Navigation, including dredging and dredged material management
- Marine structure planning, permitting, and design
- GIS development and programming
- Disaster assessment and emergency response
- Sediment and water quality monitoring and modeling
- Ecosystem restoration
- Environmental impact studies
- Port engineering and marina design
- Stormwater management

Taylor Engineering has completed projects throughout the United States, Caribbean Basin, and South America for public and private sector clients.

Cover: The 3,220-foot long Flagler Drive seawall protects the City of West Palm Beach, Lake Worth Lagoon downtown waterfront and Flagler Drive.

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Waterfront DESIGN



TAYLOR ENGINEERING, INC.

Taylor Engineering has combined the diverse expertise of its civil, environmental, coastal, water resources, geotechnical, structural, and construction engineers to form a focused and dedicated team to tackle a variety of demanding waterfront engineering projects.

Two factors give our Waterfront Engineering group its competitive edge. First, the group works with the company's environmental engineers and scientists to develop feasible designs within the context of today's complex regulatory

framework. Second, the group works with the company's coastal and water resources engineers to prepare structural and non-structural designs unique to specific waterside conditions in low- and high-energy environments. With these solid support groups of experienced professionals, our waterfront engineers can produce sustainable designs appropriate for any setting.



WATERFRONT

Design

Within this area of expertise, we apply the following specialized services:

- Beach renourishment
- Boardwalks and beach accesses
- Coastal and marine structures
- Docks and marinas
- Dredging and dredged material management systems
- Jetties, groins, breakwaters, and shoreline stabilization
- Navigation channels and turning basins
- Pile-supported foundation structures
- Seawalls, bulkheads, and shoreline revetments
- Stormwater management systems
- Waterfront property development



The Town of Lantana emergency seawall design protects businesses from collapse.



The award-winning Waterfront Commons floating docks serve as the centerpiece of the City of West Palm Beach's public waterfront.