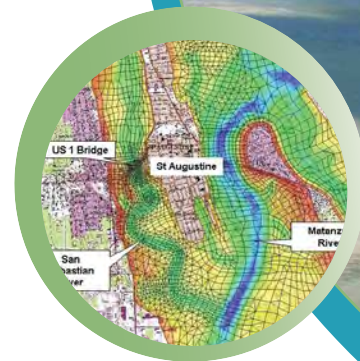


Coastal Solutions in the Water Environment

Taylor Engineering has a well-established portfolio of successful coastal projects. Our 20 coastal and marine engineers are experienced in all aspects of beach nourishment (sand source investigations, coastal processes evaluation, design, permitting, physical and environmental impact evaluation, monitoring, and construction administration), inlet management, plan formulation, coastal structures design, and physical and biological monitoring of completed beach projects.

Specialities:

- Advanced numerical modeling to study:
 - Bridge scour
 - Coastal flooding
 - Effects from proposed coastal structures
 - Inlet, estuarine, and nearshore hydraulics
- Sedimentation and morphology
- Thermal plumes
- Water quality and flushing in canals, marinas, and estuaries
- Shore protection and erosion control
- Coastal structures design
- Coastal armament
- Disaster assessment and emergency response
- Coastal resiliency planning
- Feasibility studies and plan formulation documents
- Grant funding



Taylor Engineering has designed and permitted over 20 federal and non-federal beach nourishment projects that collectively restored over 65 miles of beach with over 30,000,000 cubic yards of sand.

Service Areas

- Beach and Inlet Management
- Policy, Planning, and Programming
- Flood Risk Management
- Marinas, Docks, and Piers
- Ports, Harbors, and Navigation
- Waterway and Marine Structures
- Water Resources Management
- Climate Change Resiliency and Sea Level Rise
- Dredging and Dredged Material Management
- Environmental Assessments, Permitting, and Restoration



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