

# Water Resources

## Solutions in the Water Environment

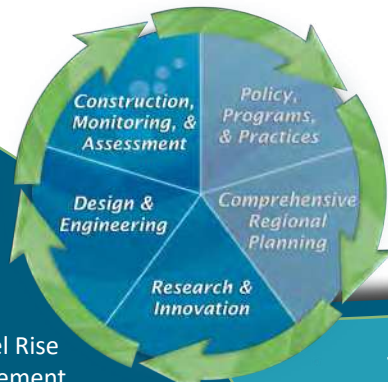
**Taylor Engineering** has a long, successful history of water resources projects, always based on a solid technical foundation, using tools such as: hydrologic and hydraulic (H&H) analysis and modeling, including basin-wide hydrologic modeling; hydraulic modeling of rivers, canals, and flood control structures; and water supply, water delivery, and hydrodynamic modeling. Water resources planning is a significant component to many **Taylor Engineering** projects, including stormwater management, watershed assessments, coastal and estuarine habitat restoration, and water supply source investigations. We conduct water resources planning to achieve the best outcomes, considering all aspects of the water resources.

### Specialities:

- H&H analyses and modeling
- Surface water hydrology
- Risk and uncertainty analyses
- Dam and levee breach analyses
- Flood risk evaluation and management
- FEMA flood insurance studies
- Design of flood reduction and erosion protection systems
- Flood hazard mitigation
- Resiliency planning
- Water quality studies
- Water supply analyses
- Water delivery and control
- Ecosystem restoration (coastal, estuarine, and riverine)

### 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



*“They also did a wonderful, thorough job with the construction sequence modeling methodology and presentation. The results enabled the SAJ team to clearly and confidently identify a design improvement that would save the government millions.”*

USACE Jacksonville District (SAJ) on the Rio de la Plata Flood Control Project

Jacksonville, FL · Destin, FL · Sarasota, FL · West Palm Beach, FL  
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TAYLOR ENGINEERING, INC.

