

# Comprehensive Coastal Services

## City of Boca Raton Boca Raton, Florida

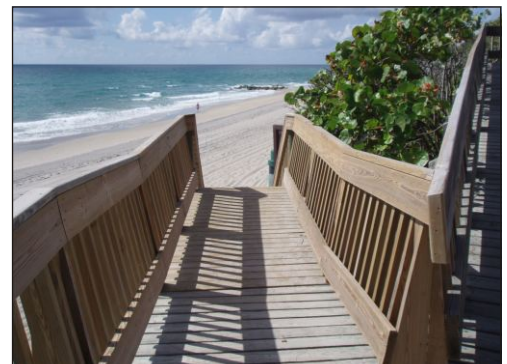
### Services Rendered

- Coastal Engineering
- Inlet Management
- Project Performance Monitoring
- Biological Monitoring
- Beach Profile and Hydrographic Surveying
- Project Permitting
- Construction Phase Services
- Various Parks and Recreation Projects



### Project Summary

The City of Boca Raton has three primary beach areas (North, Central, and South beaches) and a navigable inlet. All three beaches are actively managed by the City, require project performance monitoring (physical and biological), and are scheduled for beach nourishment projects. The City actively dredges Boca Raton Inlet with City-owned dredge, placing material on the downdrift beaches. They also dredge the ebb tidal shoal to maintain sand bypassing requirements. ATM has been providing the City with comprehensive coastal services to support their project efforts since 2008.



ATM provided professional and survey services to collect data and evaluate the performance of the 2006 Central Boca Raton Beach Renourishment Project. The North and South Beach Renourishment Projects were completed in March 2010. ATM provided the City with permitting and construction-phase services in support of these projects. ATM is currently providing post-construction biological and physical monitoring services.

ATM also provides the City with an annual assessment of the Boca Raton Inlet sand maintenance dredging and sand bypassing efforts. This includes bathymetric surveying, tabulation of and record keeping of the maintenance dredging records, and an annual report used to ensure that the City is meeting their bypassing goal.

Lastly, ATM is performing multiple ancillary coastal projects for the City, including dune crossover rehabilitation, seagrape trimming, and a boat ramp operations assessment.