

Turks & Caicos Sporting Club at Ambergris Cay

coastal engineering



The Turks and Caicos Sporting Club at Ambergris Cay is a 1,100-acre private island that is currently being developed in the Turks and Caicos. The development will include exclusive private residences along with a 5,700 ft. runway suitable for private jets, club amenities, and a deepwater marina. Coastal Systems has been involved with the Ambergris Cay project since inception in the 1990's. Construction of the initial phases of work began in 2004, and initial amenities opened in 2007. Some of the services performed were:

- Marine and Terrestrial Resource Assessments
- Environmental Impact Assessment Preparation and Processing
- Hydrographic Surveying
- Control and Topographic Surveying
- Utility Planning for Water and Sewer Infrastructure
- Wind/Wave Statistical Analysis
- Numerical Modeling of Wave Propagation
- Storm Surge Mapping
- Water Quality Modeling of Lagoons and Marina
- Marina Entrance Channel Design
- Aerodrome Extension Consulting
- Marina Planning and Design
- Shoreline Stabilization
- Blasting Consulting
- Earthworks Analysis Utilizing GIS Tools



Runway Extension



Beach Side Infinity Pool at Clubhouse



Construction of Entrance Channel

Client:	Ambergris Cay Partnership
Location:	Turks and Caicos, BWI
Date of Completion:	Ongoing
Construction Cost:	\$18,000,000 (Est. Marine Works)

