

# Environmental and Engineering Support Services

## Ritz-Carlton Resorts

### Grand Cayman Island

#### Services Rendered

- Ecological Assessment
- Hydrologic Evaluation
- Best Management Practices
- Water Quality Modeling
- Design of Waterway System

#### Project Summary

ATM provided environmental support services for the proposed Ritz-Cayman Resort on Grand Cayman Island. ATM biologists and scientists conducted an ecological assessment of the nearshore marine habitat, mangrove forest and North Sound lagoon habitat. ATM engineers also evaluated the hydrologic characteristics of the site to develop a drainage, which included making recommendations for implementing Best Management Practices (BMPs) for maintaining water quality.

In addition to the work at the resort, ATM completed water quality modeling to aid in the design of a 30-acre manmade waterway system for the resort's golf course, which borders both Seven Mile Beach and the North Sound of Grand Cayman Island.

