

# ATM

DESIGN  
ENGINEERING  
CONSULTING

APPLIED TECHNOLOGY & MANAGEMENT, INC.



## Environmental Sciences

# Who We Are

Since 1990, ATM has provided services on more than 4,000 projects worldwide. Our expertise and experience enable us to solve complex environmental difficulties through comprehensive and creative study. We pride ourselves on providing customized environmental services that result in the best solution for our clients and the environment.

- Average tenure of each employee with ATM is 12 years
- Average professional experience of each employee is 20 years
- 28 professionals with advanced degrees; 24 are engineering degrees and 3 are MBAs
- 15 licensed professional engineers, 1 licensed geologist, 1 certified land planner, and 1 licensed professional surveyor and mapper

# Restoration and Enhancement



Habitat Restoration and Enhancement | Mitigation | Assessments |



## *Specialized Services*

- Site Assessment and Opportunity Analysis
- Mitigation Design and Implementation
- Coral and Seagrass Relocation
- Artificial and Mitigation Reef Enhancement
- Dune Restoration
- Environmental Impact Assessments
- Mitigation Strategies
- Habitat Creation Plans
- Regulatory Permitting and Coordination



# Environmental Impact and Management Services



## *Specialized Services*

- **Environmental Impact Assessments (EIAs)**
  - **Terms of Reference Negotiation**
  - **EIA Negotiation**
  - **Negotiation with Environmental Interests**
- **Environmental Management/Monitoring Plans**
- **Mitigation Planning and Design**

## Field Services



## *Specialized Services*

- **Environmental Baseline Surveys**
- **Terrestrial and Marine Condition Assessments**
- **Bathymetric Surveys**
- **Seagrass Mapping**
- **Pre- and Post-Construction Monitoring**

# Data Collection and Monitoring

ATM develops monitoring programs and completes data gathering efforts to supply model calibration and validation data. This includes storm event and ambient water quality sampling, flow and current measurement, and water level and tidal cycle measurement.



Effective data collection and appropriate response to the data through monitoring and analysis, are essential for project success.



ATM has extensive experience with the deployment of water quality sondes, acoustic Doppler current profiler (ADCP) and acoustic Doppler velocity meter (ADVM) devices, stage recorders, and conductivity, temperature, and pressure (depth) (CTD) sensors.

These installations can include “real time” monitoring to track the data at the office daily to ensure the integrity of the data and to react and repair problems quickly, thereby minimizing data loss.

# Environmental Permitting



We understand the complex process of regulatory permitting through our extensive experience on coastal and waterfront projects that require consultation and approval on local, state, federal and international levels. We are able to quickly and efficiently negotiate regulatory permitting issues due to our proactive engagement with regulatory staff.



## *Specialized Services*

- Regulatory Negotiations
- Environmental Permitting
- Environmental Studies & Surveys
- Submerged Land Leases
- Stormwater Management & Erosion Control
- Mitigation Plans
- Habitat Enhancement & Restoration



**APPLIED TECHNOLOGY & MANAGEMENT, INC.**

Founded in 1984, ATM is a design, engineering and consulting firm providing coastal, waterfront and water resources engineering services to clients worldwide.

**[www.appliedtm.com](http://www.appliedtm.com) | 800.275.6488**

**Coastal, Waterfront &  
Water Resources Engineering**