

Habitat Restoration and Enhancement

ATM personnel have a wide range of experience in the design and construction of environmental restoration, enhancement and mitigation projects. Our experience enables us to provide proven solutions which draw upon successful projects of the past as well as innovative approaches which result in a unique site-specific solution to each project.

As an industry leader in the field of wetland mitigation design and construction, ATM has expanded this expertise to include nearshore and coastal resources. From reef restoration, coral and seagrass transplantation to mangrove and tidal marsh systems, as well as upland (freshwater) and dune restoration, ATM staff have expertise in all aspects of planning, permitting, design, construction and monitoring. ATM can also assist clients with applying for and obtaining grant monies for qualifying projects.

A short list of specific experience that ATM personnel have to offer includes:

- **Seagrass:** ATM staff have performed seagrass mapping, assessment and transplantation, including development of new techniques that resulted in very high survival and growth rates of the transplanted materials.
- **Reef Restoration and Artificial Reefs:** ATM personnel have extensive experience in reef restoration and artificial reef construction from assessment, triage and stabilization of ship groundings, to coral relocation and attachment, as well as planning and execution of large scale reef restoration, and artificial reef projects.
- **Shoreline and Wetlands:** ATM staff have participated in coastal restoration projects that included erosion control measures, creation of intertidal habitat, and planting of shoreline and upland vegetation to provide habitat and stabilization. This experience includes fresh and salt water marshes, mangrove and emergent grass shorelines, and upland and dune restoration.
- **Mapping, Monitoring, Assessments and Planning:** ATM provides our clients with a variety of abilities such as pre and post construction surveys, long term monitoring of resources, planning and routing of underwater cables and pipelines, and environmentally responsible construction planning. ATM has the expertise to avoid, minimize, or mitigate impacts to the environment to ensure an environmentally friendly project.

