SCIENTIFIC DIVING/ MARINE RESOURCE ASSESSMENTS

Part of a diversified family of solutions

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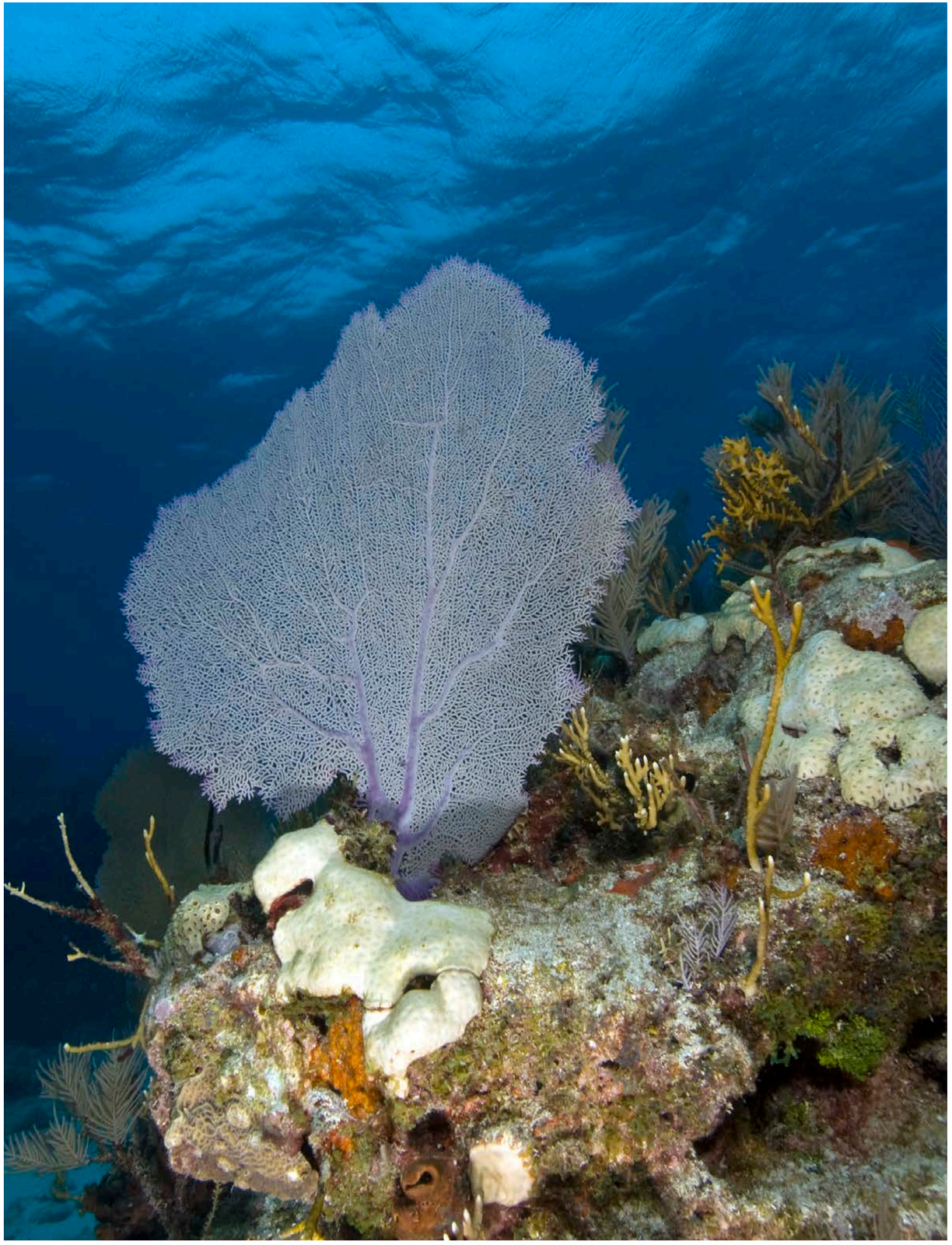
About Us

JMT is a multidisciplined engineering firm that offers a full array of engineering and environmental services to clients throughout the United States. Our client base consists of federal, state, and local government agencies, as well as private, commercial, and industrial entities.

JMT conducts marine resource investigations and assessments to determine the presence and extent of sensitive habitats and protected species.



Marine Resource Assessments

Marine resource assessments are part of our full-service due diligence and environmental management offerings. Determination of on-site resources can guide avoidance and minimization measures required by federal law and provide valuable insight for mitigation strategies and calculations. JMT provides professional, reliable, and cost-effective options to assess underwater resources in these habitats:

- Open Oceans
- Nearshore/Beaches
- Reefs
- Estuaries
- Rivers
- Canals
- Lakes
- Borrow Pits

Our divers are accustomed to work around/ near critical infrastructure such as:

- Bulkheads
- Docks & Piers
- Pipelines & Transmission Lines
- Shipping Channels
- Wharfs

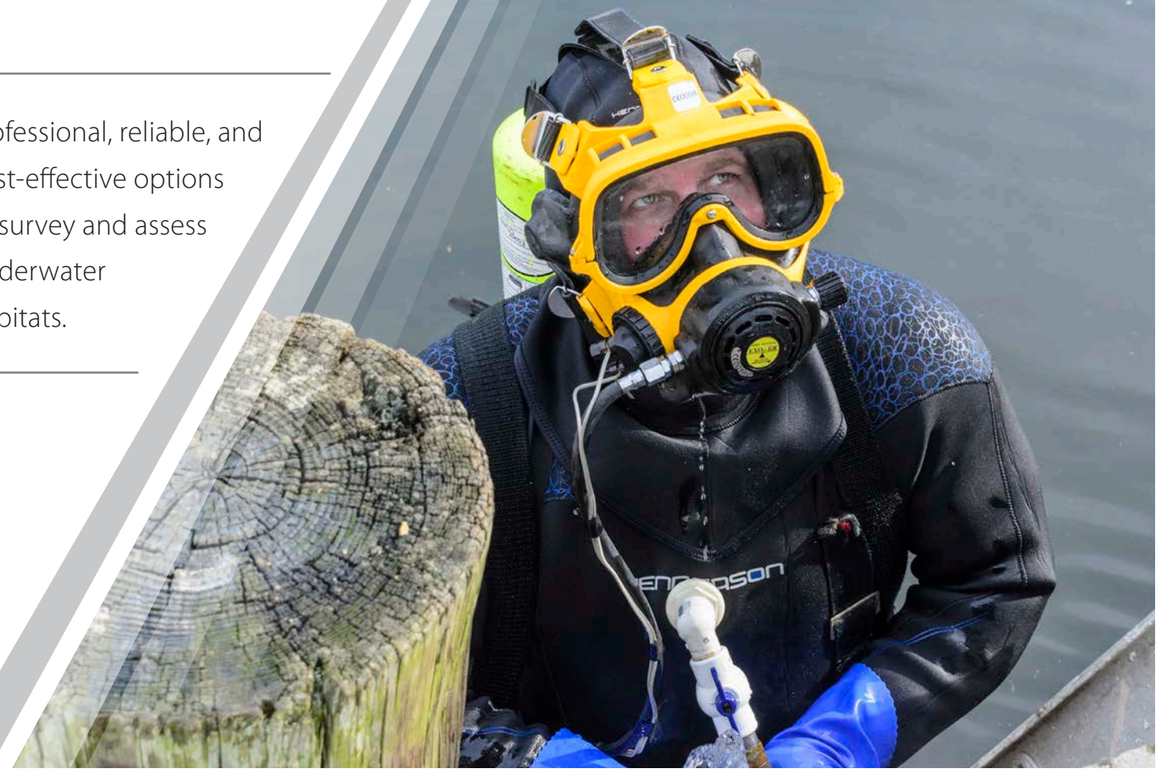
Professional, reliable, and cost-effective options to survey and assess underwater habitats.

Services

Marine Science

Diving

Environmental Planning & Permitting



Marine Science

Our divers are trained marine scientists with decades of experience surveying and assessing marine habitats and communities. Typical marine resource services include:

Habitat/Benthic Classification

Seagrass Surveys

Mangrove & Saltmarsh Surveys

Functional Assessments

Diversity Index Calculations

Essential Fish Habitat Assessments

Baseline Surveys

Feasibility Studies

Monitoring Reports

Mitigation Determinations

Biological Assessments

Section 7 Consultation

Experience

JMT's scientific divers possess the knowledge and equipment to survey and evaluate sensitive marine habitats and communities. They comply with state and federal requirements, including Department of the Army EM 385-1-1, ER 385-1-86, and other guidance, as applicable, and retain all necessary insurance coverages.

Our divers have executed marine habitat assessments at the following localities:

St. Johns River/Jacksonville, FL

Indian River/Titusville, FL

St. Lucie, FL

Port of Palm Beach, FL

Port Everglades/Ft. Lauderdale, FL

Intracoastal Waterway, Hollywood/Hallandale Beach, FL

Sunny Isles Beach/N. Miami, FL

Arvida/Miami, FL

Florida Keys, FL

Sanibel Island, FL

Port Manatee, FL

Midnight Pass/Siesta Key, FL

Clearwater Harbor, FL

Pasco County, FL

Hernando Beach, FL

Flower Garden Banks National Marine Sanctuary (Gulf of Mexico)

San Juan Harbor, Puerto Rico

Environmental Planning & Permitting

JMT's scientific diving group emerged organically from the firm's Natural & Cultural Resource section, its Marine Engineering group, and its Underwater Structures Inspection dive team. Our staff has a unique understanding of careful and efficient environmental planning due to their role supporting the firm's historic successes as an engineering/design firm. The dive team's objectives are to support important infrastructure projects, such as those improving navigation, installing powerlines and piping, and preventing coastal erosion while conserving critical natural resources.

Findings from marine assessments are used to improve project plans, estimate impacts, and/or create mitigation plans.

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