

Scientific Diving Services



AECOM has more than 20 years of experience providing scientific diving services and oversight for a variety of marine and freshwater projects.

Areas of Expertise

- Benthic Substrate Characterization, Assessment, Mapping, and Restoration
- Endangered Species Surveys (Coral) and Relocation
- Submerged Aquatic Vegetation (SAV) Surveys, Transplant, Restoration, and Monitoring
- Experimental Survey Design
- Surficial Substrate Sampling
- Marine Safety Oversight
- Visual Observations
- Ecological Risk Characterizations
- Invertebrate Sampling
- Bivalve Surveys and Mark-Recapture Investigations
- Fish Surveys
- Marine Archeology

Overview

When industry and government undertake fresh and marine-related projects, it's important they choose a contractor that has a proven safety track record with a diversity of skillsets to meet the challenging conditions of working safely in the aquatic environment. Our certified dive team is comprised of environmental engineers and scientists who are skilled at describing and monitoring biotic and abiotic components of underwater habitats. Our professionals have completed various projects requiring dive services for commercial and public sector clients, such as the U.S. Coast Guard.

Our Approach

Our scientific diving program performs work under the auspices set forth by the American Academy of Underwater Sciences (AAUS), which is recognized by OSHA as the scientific diving standard-setting organization. Under this accredited program, all scientific divers are OSHA 40 Hour HAZWOPER certified and trained in First Aid, CPR, AED, O2 administration, and hold various industry certifications, including Rescue Diver. In addition, all scientific dives are approved by the AECOM Dive Control Board, which consists of the Dive Safety Officer, Regional Health and Safety Managers, and active scientific divers.

The broad range of technical disciplines our scientific dive team offers provides value to our clients because we can perform critical ecological underwater investigations in-house rather than using subcontractors. Our dive program has performed extensive dives in various aquatic habitats including lakes, rivers, streams, estuarine and coastal ocean environments. AECOM retains a complete line of redundant equipment and has qualified dive teams across the continental United States and Hawaii. We also have certified US Coast Guard Captains to transport out dive teams. AECOM takes health and safety seriously.

Key AECOM Attributes

AECOM conducts habitat assessments, ecological risk characterizations, delineation surveys, *in situ* sampling programs, and restoration and mitigation efforts in marine and freshwater environments using scientific divers.

Our integration of marine and freshwater fisheries, aquatic biologists, wetland ecologists, geologists, and environmental engineers provides a multi-disciplined approach to underwater sampling and assessment.

