



# ESTUARINE SCIENCE AND ECOLOGY

**Coastal Resources, Inc. (CRI)** scientists regularly develop and execute water resource assessment and analysis strategies to comprehensively evaluate estuarine resource conditions. Our in-depth water quality and biomonitoring services include:

- Tidal Benthic Macroinvertebrate Sampling and Analysis
- Fish Community Sampling and Analysis
- Plankton Sampling and Analysis
- Laboratory Identification of Estuarine Invertebrates and Fish, including Plankton
- Anadromous Fish Passage Identification and Assessment
- Submerged Aquatic Vegetation Surveys
- Water Quality and Sediment Sampling and Analysis
- Essential Fish Habitat Assessments
- Section 7 Biological Assessments for Sturgeon
- Marine Mammal/Fish Kill Monitoring

In tidal waters, CRI staff are experienced in field sampling, processing, identification (to species), and data analysis of benthic macroinvertebrates in accordance with protocols to calculate the Chesapeake Bay Benthic Index of Biotic Integrity (B-IBI).

CRI's aquatic biologists have applied local and regional water quality monitoring protocols to stream and estuarine systems across the region, completing over 500 sampling events.



**For more information about our Estuarine Science and Ecology services please contact us at 410-956-9000 or visit [www.coastal-resources.net](http://www.coastal-resources.net).**

CRI is a **small, woman-owned certified Minority Business Enterprise/Disadvantaged Enterprise (MBE/DBE/WBE/SBE/WOSB)** with over 40 years of experience in natural resource assessments, permitting, mitigation, restoration design, and monitoring.

