



ESS Group, Inc. provides sophisticated field, analytical, and permitting services for a variety of marine and coastal projects in the energy, land development, and resource conservation sectors. ESS clients include large public utilities, private developers, municipalities, and state and federal agencies within the northeast and Mid-Atlantic States and the Caribbean. ESS works in integrated teams, often with specialty sub-consultants, to design and obtain approval for complex dredging, energy generation and transmission, waterfront development, facility discharge, and habitat restoration projects.

Field Work

- Marine Geophysical and Geotechnical Surveys
- Sediment Quality Sampling for Dredge Characterization
- Fish, Shellfish, and Benthic Macroinvertebrate Monitoring
- Threatened and Endangered Species Investigations
- Avian Studies and Monitoring
- Hydrodynamic Monitoring
- Surface and Subsurface Water Quality Monitoring
- Coastal Wetland Delineation
- GPS Survey and Mapping
- Post Construction Monitoring

Analytical & Design Services

- Bioaccumulation and Toxicity Assays
- Sediment Quality Analyses
- Hydrodynamic Modeling
- Dredge Program Design
- Mitigation/Restoration
- GIS Mapping and Photogrammetric Interpretation

Project Planning & Permitting

- Port and Harbor Development
- Project Siting and Routing Alternatives Analyses
- Regulatory Strategy Development
- Environmental Impact Assessments (NEPA, MEPA, SEQR)
- Coastal Zone Consistency
- CWA Section 404 and 401 Permitting
- Federal, State, and Local Permitting

