



# A Trusted Partner



**For more than 50 years, Environmental Science Associates (ESA) has been delivering quality service for Department of Defense (DOD) projects.**

ESA is an environmental consulting firm providing expertise in all aspects of project planning, environmental assessment, natural resource management, restoration design, and regulatory compliance. With multiple offices nationwide, ESA is a leader in natural resources regulatory permitting, vulnerability and risk assessment, as well as integrating community health and ecosystem management into climate change adaptation strategies.

**Our teams work with DOD clients on projects involving:**



**Community Development**



**Natural Resource Management**



**Ports**



**Water**



US ARMY CORPS OF ENGINEERS  
Hamilton Wetlands Restoration Monitoring

**ESA is proud to hold a GSA Multiple Award Schedule contract as a Small Business.**

Our GSA contract (no. 47QRAA21D00AJ) allows federal agencies to negotiate directly with ESA, taking advantage of our pre-approved services and rates to generate simple delivery orders.

## Services We Provide

Environmental Permitting and Mitigation

NEPA Alternatives Analysis and Related Documentation

Construction Monitoring

Habitat (Wetland and Upland) Restoration Planning, Design and Construction

Living Shoreline (NNBF) Design

Coastal Engineering

Water Quality Modeling and Monitoring

NPDES, TMDL and BMAP Support

Submerged Aquatic Vegetation Mapping

Wetland and Wildlife Studies

Threatened and Endangered (T&E) Species Surveys and Relocation

Marine Mammal and Shorebird Monitoring

Habitat Mapping and Analysis

Landscape Inspection and Vegetation Mapping and Management Plans

Comprehensive Project-Specific Ecological Assessments

Airport Planning

GIS Analysis/Geodatabase Development

Geospatial Services including Unmanned Aircraft Systems (UAS/Drone) applications

Remote Sensing and Photo Interpretation

Data Management & Visualization



### **Port of Benton Barge Slip**

ESA assisted the USACE in preparing a Biological Evaluation (BE) for the proposed maintenance dredging of the Puget Sound Naval Shipyard (PSNS) barge slip facilities.



### **Naval Base Kitsap-Bangor Littoral Sediment Modeling**

ESA developed a conceptual understanding of littoral sediment transport by observing field conditions, reviewing existing studies, and synthesizing geomorphic information for the US Department of Navy.



### **Military Ocean Terminal Concord Pier 2**

ESA provided terrestrial and aquatic biological resources for this USACE project, including consultation, preparation of plans, specialized surveys, monitoring compliance with specific permits and approval documents, and hydroacoustic monitoring.



### **Hamilton Wetland Restoration & Monitoring**

ESA provided the conceptual design and assisted in preparation of engineering design drawings for this USACE 900-acre tidal and seasonal wetland restoration, and has been performing annual monitoring since the restoration was completed in 2016.

## **Additional Project Experience**

### **U.S. ARMY CORPS OF ENGINEERS**

San Francisco Littoral Cell and Regional Sediment Management Plan

Sonoma Baylands Restoration Project

Bolinas Lagoon Sediment Coring

Crissy Field Fall Monitoring

Lower Redwood Creek Restoration

Upper Penetencia Sediment Assessment

Laguna De Santa Rosa Coring Study

American Canyon Creek Restoration

Sonoma Creek Hydrology Model

Willipa Levee Evaluation

McNary Fish Bypass

Dworshak Cultural Resources

Beckwith Bar-Asotin Slough

Garden City Water System

McNary/Ice River Phase 2

Walla Walla River Exchange

Snake River Sediment Management Plan and Environmental Impact Statement

### **U.S. NAVY**

Mugu Lagoon

NSWCCD Environmental Assessment at Naval Base Kitsap, Bangor

Fox Island EIS

Bangor Service Pier Upgrades

PSNS Bremerton

Air Space Restrictions

Environmental Baseline Surveys

Overseas Environmental Assessment

Environmental Planning Strategy

Gulf of Alaska Exercises

Archaeological Monitoring

Phase 1 Archeology Survey

East Puget Sound Housing

Whidbey Housing

Northern Edge

## **CONTACT**

**Daniel Swenson**  
**Sr. Permitting Specialist**  
[dswenson@esassoc.com](mailto:dswenson@esassoc.com)

