

EA is a 100% employee-owned public benefit corporation that provides environmental, compliance, natural resources, and infrastructure engineering and management solutions to a wide range of public and private sector clients. The firm was founded in 1973 at the intersection of fisheries, aquatic science, and engineering to support the Clean Water Act passed to “protect and maintain the chemical, physical, and biological integrity of the Nation’s waters.” EA uses its rich heritage to support partners challenged by degraded rivers and watersheds, wetlands, coastal areas, contaminated sediment, and threats to drinking water. Headquartered in Hunt Valley, Maryland, the firm employs more than 575 professionals through a network of more than 25 commercial offices across the continental United States, as well as Alaska, Hawaii, and Guam. Our team has earned an outstanding reputation for **technical expertise, responsive service, and judicious use of client resources.**

### Services



### Project Types



#### Ecosystem Restoration

- Open space design
- Wetlands restoration
- Watershed planning
- River restoration
- Anadromous fish passage
- Invasive species management



#### Waterfront Revitalization

- Climate Change and Coastal resiliency
- Living shorelines
- Open space design
- Invasive species management
- Environmental justice



#### Infrastructure Resilience

- Risk assessment
- Climate change & resiliency
- Permitting
- Natural & nature-based solutions
- Asset management
- Green infrastructure



#### Sediment Management

- Dredging
- Compliance
- Impact assessment solutions
- Emerging contaminants
- Toxicology

### Contact Us



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# GREAT LAKES

## WATER & NATURAL RESOURCES

### National Presence. Regional Connections.

● PROJECT LOCATIONS ● OFFICE LOCATIONS



Spirit Lake

**St. Louis River AOC**  
EA completed design for sediment remedy and habitat enhancement for a complex multi-year project across approximately 200 acres of upland and in-water areas. The design included a combination sediment remedy and habitat design including planting plans across the site.



National Park Service

EA has completed numerous projects for Great Lakes Region park units. Efforts include modeling of Lake Superior water levels to assess if a rock-revetment at Sand Point could be removed without endangering a historic building, analysis of proposed engineering measures to protect shorelines at Indiana Dunes, an environmental assessment of jet ski use at Pictured Rocks, and alternatives development for reconnecting Lake Superior to the Sand Point wetland complex.



Krispin Drain & Cuttle Creek

**St. Clair AOC**

Habitat restoration designs were developed for multiple sites. Design features included shoreline stabilization, shoreline buffer restoration, near-shore substrate restoration, shoreline processes assessment, habitat restoration, stream restoration of over 3,000 linear feet of tributaries, and habitat enhancements in over 2 miles of county drain habitats.



Belle Isle

**Detroit AOC**

Working with Michigan DNR, EA developed restoration design plans and provided construction oversight for over 200 acres of wet-mesic forest within the Detroit River AOC to support the removal of beneficial use impairments as well as re-establish historical hydrologic flow patterns and alleviate stress on native vegetation while helping to control invasive species.



Fox River

EA assisted Kaukauna Utilities with licensing-related natural resources studies and associated natural resources support for relicensing facilities. The work has involved seasonal fish and qualitative mussel surveys; removal and relocation of fish and mussels that would be stranded by construction-related dewatering; and review of potentially contaminated sediment, downstream aquatic habitat, general wildlife use, aquatic and terrestrial invasive species, benthic macroinvertebrates, fish, and water quality assessments.



Upper Detroit River

**Detroit AOC**

In conjunction with EPA GLNPO, Michigan EGLE, and the City of Detroit, EA prepared habitat restoration designs including removal of over 600 linear feet of bulkhead and replacing with 2 wave attenuation/substrate habitat features, creation of two riverfront wetlands totaling over 3 acres, creation of one approximately 1.5-acre pocket wetland along the canal, over 3 acres of upland planting, riparian improvements along the canals, and the creation of a pollinator garden.

