

your mission is our responsibility

e4sciences produces scientific intelligence critical to planning, design, evaluation, construction and monitoring of natural systems and civil infrastructure. Our client's design and manage and own ports and waterways, utilities and infrastructure, energy, water, and environmental assets.

e4's PhD scientists and Professional Geologists acquire and analyze geological, geophysical, geotechnical and geospatial data to provide tested results that guide decision makers toward efficient and sustainable asset management, design and construction.

Routinely e4 returns value 10 to 50 times the cost of the services. e4's products seamlessly integrate into design and GIS software which brings maps, cross sections, and interpreted features directly to the client's desktop. e4 has a strong reputation for best-in-class geophysical results and service that results in high client retention rates. e4 is currently teamed on long-term contracts for the USACE-NYD and the PANYNJ.

key assets

- 55' research vessel Time and Tide, and 2 inshore survey vessels
- Full marine geophysical sensor suite - seismic (single and multichannel), sonar, bathymetry, electromagnetic
- Leica Pegasus:2 mobile LiDAR
- Truck, trailers, utility vehicle.
- Laboratory instruments - Optical imaging, thin section scanner, XRF
- Proprietary geophysical processing protocols and software
- Geophysical and geotechnical data-base for Northeastern Ports and Harbors.

sectors

- Dredging
- Port and waterfront development
- Shoreline protection
- Flood damage reduction
- Rivers, lakes, impoundments
- Bridges
- Tunnels
- Roads
- Rail
- Plants and refineries
- Oil and gas pipelines
- Offshore wind
- Hydroelectric
- Electric transmission
- Utility location
- Geohazards

notable clients

