



# EL

## ENVIRONMENTAL LABORATORY

### MISSION:

EL's mission is to provide solutions for tomorrow's environmental challenges.

### VISION:

The EL vision is to be a world-class research and development organization that discovers, develops and delivers innovative ways to make the world safer and better every day.

### GOALS:

The Environmental Laboratory provides interdisciplinary technical expertise and a diverse knowledge base about every aspect of the natural environment. We help customers make the right technology choices. Our scientists and engineers are on the leading edge of fundamental and applied research and development that addresses a multitude of biological, chemical and physical phenomena within the natural environment. We give our customers a competitive advantage by delivering the best science-based engineered solutions.

### WHAT we do:

The Environmental Laboratory improves our customers' ability to expand operations in the environment while minimizing impacts. We protect Soldiers from threats in the environment; we expand Soldier training windows that have been constrained by the environment; we find the best concepts for the Nation's infrastructure — delivering the greatest benefits to both the public and the environment. The Environmental Laboratory's research facilities and capabilities are as diverse as our staff, and include chemistry – analytical, computational, soils and geology; genomics and systems biology; ecosystem assessment and restoration; ecotoxicology; remote sensing; geospatial data analysis and modeling; cognitive ecology and animal behavior; contaminated sediment fate, transport and remediation; microbiology for biodegradation; remediation and monitoring; materials science, life-cycle assessments and bio-inspired technology and Multi-Criteria Decision Analysis.



### WHY we do it:

Demand for the Environmental Laboratory's services has dramatically increased over time. The Laboratory was founded in 1978 with the singular purpose of ensuring that the U.S. Army Corps of Engineers could accomplish its mission while complying with the Nation's new environmental protection laws. Today, the Laboratory provides expertise in biological, chemical and physical phenomena in the natural environment to all DOD services, other government agencies and the private sector.

### WHO we are:

EL's interdisciplinary staff of more than 280 engineers, scientists, technicians and support personnel plans and executes all phases of the technology development process, from basic research to field implementation to commercialization. The EL staff consists of problem solvers who use research, development, experimentation, special studies and technical support to address the needs of national and international business development partners. Partnering with federal and state agencies, academia and the private sector, the EL uses its distinctive technical capabilities to resolve complex, multi-disciplinary environmental sustainability problems.



**CONTACT:** ERDC Public Affairs Office  
3909 Halls Ferry Road  
Vicksburg, MS 39180 · 601.636.3111

