GRL
GEOSPATIAL RESEARCH LABORATORY

WHAT we do:

Our work centers on geospatial science and engineering. Our research areas include:

- **Geospatial Data Representation and Analysis** – Concentrates on the exploitation, analysis and display of geospatial information

- **Geospatial Applications** – Tests and evaluates the collection and processing methods of emerging geospatial systems, platforms and technologies

- **Geoinformation Generation and Management** – Encompasses research and development technologies for collection and processing of geospatial data, geographic information systems, remote sensing, geospatial intelligence and human terrain data collection and management in support of military and national objectives

- **Geospatial Data Signature and Analysis** – Applies remote sensing derived geospatial and environmental data collection, processing and display to solve military and national challenges.

WHY we do it:

The tyranny of terrain has long challenged the most sophisticated engineered systems and military forces. As the world's dominant land domain force, we serve as the dedicated geospatial research and development laboratory, ensuring the Army maintains the geospatial dominance it needs to win. We also support and mature technologies that address national challenges to revolutionize the USACE program.

WHO we are:

GRL is the only dedicated geospatial research and development laboratory in the Department of Defense. GRL's interdisciplinary staff of more than 80 engineers, scientists and support personnel plan and executes all phases of the technology development process, from basic research to field implementation and commercialization. The GRL staff consists of problem solvers who deliver geospatial solutions that deliver national and international impact.

MISSION:

Enabling battlefield dominance by pioneering geospatial solutions for the Warfighter.

VISION:

Empowering the Warfighter with innovative geospatial solutions.

GOALS:

The Geospatial Research Lab aims to be a resilient workforce with diverse partners that continuously revolutionize the Geospatial Enterprise through innovative research and development, business practices and community engagement.

ERDC
ENGINEER RESEARCH & DEVELOPMENT CENTER

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