



**ERDC**  
ENGINEER RESEARCH & DEVELOPMENT CENTER

**CERL** CONSTRUCTION  
ENGINEERING  
RESEARCH  
LABORATORY

**MISSION:**  
We discover, develop, deliver and sustain trusted engineering and scientific solutions impacting built and natural infrastructure for the Warfighter and the Nation.

**VISION:**  
We strive to be a world-class research and development partner mobilizing research into practice to make the world safer and better every day.

- GOALS:**
- ▶ Enrich employee experience, build high-performance teams to win the future fight and maximize mission impact
  - ▶ Build a robust, diverse and balanced portfolio while continuing to adapt to changing priorities
  - ▶ Create premier research capacity that enables unconstrained response to national customers through collaborative enterprise-wide partnerships
  - ▶ Revolutionize innovative solution discovery, development and delivery for greatest product impact
  - ▶ Enhance communication practices to provide an informed, transparent and collaborative work culture and environment

**WHAT we do:**

CERL's highly interdisciplinary team of world-class engineers, scientists and support staff provide cutting-edge research and development in the primary areas of Infrastructure Science and Engineering (ISE) and Operational Science and Engineering (OSE). ISE's core competencies (Sustainment Management System, Materials & Structures, Energy and Installation Readiness) provide solutions for durable, resilient and sustainable military and civil works facilities. OSE's core competencies (Emergency and Operational Support, Training Lands and Heritage and Warfighter Engineering) deliver integrated solutions for all phases of installation and contingency basing operations and emergency response.



**WHY we do it:**

Our commitment to the Army, DoD and the Nation drives our innovation, as well as our research and development. CERL's research products and services enhance the Army's ability to design, build, operate and maintain its installations and contingency bases, as well as to ensure environmental quality at the lowest life-cycle cost. Our world-class facilities support the Army's training, readiness, mobilization and sustainability missions.

**WHO we are:**

Since our inception in 1969, we have been affiliated with the University of Illinois Urbana-Champaign and enjoy a flourishing research partnership. CERL has a diverse team of approximately 300 engineers, scientists and technical and support staff. Though our campus is located in Champaign, Illinois, we have employees in 10 states. Our team's interdisciplinary expertise ranges from biology to computer science to engineering to social science (and many more). CERL supports the ERDC Strategic Research and Development Focus Areas of Multi-domain Operations, Civil Works, Smart and Resilient Installations, Robotics and Autonomous Systems and Advance Materials Engineering.



**DISCOVER • DEVELOP • DELIVER**

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