

# CIGP Seminar

## High-Performance Computing within the Department of Defense

Wednesday, October 16, 2024 at 3:30 p.m.  
WALC 3090 and Zoom

### Dr. Robert M. Wallace

Technical Director  
Information Technology Laboratory  
*U.S. Army Engineer Research and Development Center*

Dr. Robert M. Wallace (Rob) is a Senior Scientific Technical Manager who serves as the lead technical director within the Information Technology Laboratory (ITL) at the US Army Engineer Research and Development Center (ERDC). He directs the Engineered Resilient Systems Research Development Area, providing technical direction and execution oversight for an \$80 million research program that applies data science, decision science, and computational science to solve the Department of Defense's (DoD) most challenging computational problems.

Dr. Wallace has 32 years of experience in leading computational science and engineering projects with particular emphasis on multi-physics simulations, water resource engineering, graphical user interfaces, geographic information systems, mobile computing, and data analytics. He previously served as the Chief Scientist of the DoD's High-Performance Computing Modernization Program and as Chief of the Computational Science and Engineering Division within the Information Technology Laboratory.

Dr. Wallace graduated with a BS (1992) and MS (1995) from Brigham Young University. He earned his PhD in Civil Engineering from Purdue University in 2002.

