



Biography

Department of the Army



Dr. Ty V. Wamsley
Director
Coastal and Hydraulics Laboratory
U.S. Army Engineer Research and Development Center



Appointed to the Senior Executive Service in October 2018, Dr. Ty Wamsley serves as Director of the Coastal and Hydraulics Laboratory (CHL) at the U.S. Army Engineer Research and Development Center (ERDC). Headquartered in Vicksburg, Mississippi, CHL performs ocean, estuarine, riverine and watershed regional scale systems analyses work in support of the U.S. Army Corps of Engineers (USACE), the Department of Defense, and other federal agencies, as well as state and municipal governments and private industry. Areas of expertise include hydrologic analysis, hydraulic structures, coastal engineering, flood risk reduction, dredging, navigation, and military logistics.

As CHL Director, Dr. Wamsley leads a team of more than 375 researchers, support staff and contractors. He is responsible for planning, directing and coordinating a multi-million dollar research program, and developing new and strategic research program areas in coastal and hydraulics technical disciplines. He manages and maintains over one million square feet in physical facilities, including the Field Research Facility in Duck, North Carolina. Ongoing projects execute field data collection, laboratory analysis, physical modeling, and numerical modeling to produce design guidance and cutting-edge products to support successful coastal and inland water resources management.

Dr. Wamsley also serves as the ERDC lead for the Civil Works Research and Development Area. In this role he is responsible for planning and directing a \$150M+ multi-disciplinary research program with team members from across all seven ERDC laboratories.

CAREER CHRONOLOGY:

- 2018-Present: Director, Coastal and Hydraulics Laboratory, ERDC
- 2016-2018: Director, Science and Technology, USACE Mississippi Valley Division
- 2012-2016: Chief, Flood and Storm Protection Division, ERDC
- 2005-2012: Chief, Coastal Processes Branch, ERDC
- 1994-1998: Financial Analyst, Raychem Corporation
- 1990-1994: Tax and Business Advisor, Arthur Andersen & Co