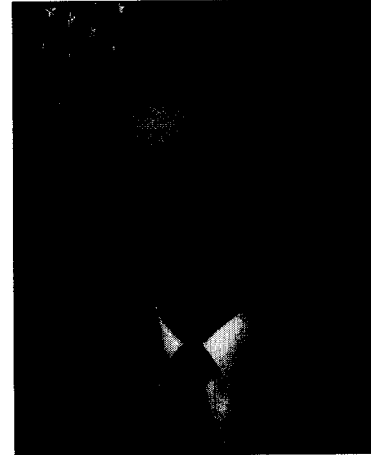


DR. JAMES R. HOUSTON
Director
U.S. Army Engineer Research and
Development Center

Dr. James R. Houston became the first Director of the U.S. Army Engineer Research and Development Center on May 24, 2000. The ERDC Director is located at the center's headquarters in Vicksburg, Miss. As Director, Houston manages one of the most diverse research organizations in the world – seven laboratories at four geographical sites, with over 2,000 employees (over 1,000 engineers and scientists), \$1.2 billion in facilities, and an annual program exceeding \$660 million.



ERDC R&D supports the Department of Defense and other agencies in military and civilian projects. Principal research mission areas include water resources (civil works), military engineering, battlespace environment, military installations, and environmental quality. The ERDC was named the Army's Large R&D Organization of the Year in 2002.

Prior to his current position, Houston served as Director of the ERDC Coastal and Hydraulics Laboratory (CHL). As CHL Director, he oversaw research programs in coastal and hydraulic engineering, oceanography, coastal geology, dredging, and numerical modeling of hydrodynamics and sediment transport, groundwater modeling, hydrology, and hydro-environmental modeling.

From 1970 to 1972, he was a Research Physicist in the Nuclear Weapons Effects Division, investigating waves generated by explosions. He worked from 1972 until 1983 as a Research Hydraulic Engineer in the Hydraulics Laboratory (HL), responsible for studies involving explosively generated waves, tsunamis, harbor resonance, lake seiching, wave interaction with structures, sediment transport, and scouring problems. He served as Chief of the Research Division of the Coastal Engineering Research Center (CERC) from 1983 until 1986, and Program Manager for the Shore Protection and Restoration Program and Harbor Entrances and Coastal Channels Program from 1983 until 1986. In January 1986, Houston became Director of CERC. CERC and HL merged in 1997, and Houston became director of the combined laboratory, CHL.

Houston received a bachelor's degree in Physics in 1969 from the University of California (Berkeley), a master's in Physics in 1970 from the University of Chicago, a master's in Coastal and Oceanographic Engineering in 1974 from the University of Florida, and a doctorate in Engineering Sciences in 1978 from the University of Florida.

He has published over 120 technical reports and papers. He has received several honors and awards including Phi Beta Kappa; Phi Kappa Phi; two SES Meritorious Presidential Rank Awards; Department of the Army R&D Achievement Award; Army Commendation Medal; Eminent Speaker, Institution of Engineers, Australia; 1997 National Beach Advocacy Award; and the 2003 Morrough P. O'Brien Award, American Shore and Beach Preservation Association.