



Dr. John (Jack) R. Hayes, Jr. is the Director of the National Earthquake Hazards Reduction Program (NEHRP) of the Engineering Laboratory (EL) at the Department of Commerce's National Institute of Standards and Technology (NIST). Dr. Hayes joined NIST in early 2006. NEHRP is the Federal government's program to reduce risks to life and property from earthquakes. As director, Dr. Hayes provides overall program management, coordination and technical leadership; strengthens program effectiveness by facilitating implementation of earthquake risk mitigation measures; and builds and maintains effective partnerships with NEHRP program agencies and

stakeholders in industry, academia and government. Dr. Hayes also leads in-house NIST efforts to perform earthquake engineering research in support of NEHRP.

Dr. Hayes joined NIST after serving as leader of seismic and structural engineering research at the U.S. Army Engineer Research and Development Center's (ERDC) Construction Engineering Research Laboratory (CERL) in Champaign, IL, from 1988 until early 2006. At CERL, Dr. Hayes was actively involved in earthquake engineering research for the U.S. Army Corps of Engineers. He also collaborated extensively with the earthquake engineering program at NSF, including work within the Mid-America Earthquake Center, and was directly involved with a number of significant earthquake mitigation projects for FEMA. Working with key personnel at USGS, Dr. Hayes helped develop the seismic provisions for the American Society of Civil Engineers' ASCE 7-05 standard and a new Department of Defense tri-services seismic design manual.

Prior to his tenure at CERL, Dr. Hayes was Research Civil Engineer and Senior Scientist at the Engineering Research Division of the U.S. Air Force Engineering and Services Laboratory (1984-1988); Structural Engineer at the U.S. Air Force Armament Division (1982-1984); Assistant Professor of Civil Engineering at the Virginia Military Institute (1980-1982); Civil Engineer and NATO Infrastructure Staff Officer at the Headquarters U.S. Air Forces in Europe (1977-1980); and Civil Engineer Officer at Tinker AFB, OK (1975-1977). Dr. Hayes is a retired U.S. Air Force Lieutenant Colonel and is a registered Professional Engineer in Virginia.

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