

## ***Izzat M. Idriss***

**Professional History:** Professor Emeritus of Civil Engineering at the University of California at Davis (UCD) and independent consulting geotechnical engineer, currently residing in Santa Fe, New Mexico, USA. His areas of teaching, research and practice are: geotechnical earthquake engineering; soil mechanics and foundation engineering; earthfill and rockfill dam engineering; and numerical modeling. He joined the faculty at UCD in 1989 following 20 years at Woodward-Clyde Consultants in San Francisco, Santa Ana and Oakland where he was a senior Principal. He was a member of the teaching and research staff of the geotechnical engineering group at the University of California at Berkeley from 1967 through 1975. He retired from the faculty position at UCD in July 2004.

**Education & Registration:** BCE, Rensselaer Polytechnic Institute in 1958; MS, Caltech in 1959; PhD, University of California at Berkeley in 1966. He is a registered Professional Engineer (PE) and Geotechnical Engineer (GE) in California.

**Research & Consulting:** He has conducted comprehensive post earthquake investigations of some ten earthquakes since the 1964 Great Alaska earthquake. He has developed or co-developed many of the currently used procedures for evaluating the behavior of soil sites and soil structures during earthquakes. He has been a consultant on many projects in the USA and other countries and serves on several consulting or review boards for US and International companies and for State and US Federal Agencies.

He has authored or co-authored about 200 technical papers and research reports on subjects related to the geotechnical aspects of earthquake engineering.

**Awards & Honors:** He has received many awards and honors over the past forty-five years, including election to the US National Academy of Engineering in 1989, receipt of the first H. Bolton Seed Medal from ASCE in 1995, the distinguished scholarly public service award from the University of California at Davis in 1999, was elected an honorary member of the Japanese Geotechnical Society in 2005, was elected a Distinguished Member of ASCE in 2008, and is the recipient of the 2010 Ralph Peck Award from ASCE, and the 2010 Casagrande Memorial Lecture from the Boston Society of Civil Engineers. He was elected an Honorary Member of the Earthquake Engineering Research Institute (EERI) in 2012. He was selected to give the 2016 Nabor Carrillo Lecture by the Mexican Society of Geotechnical Engineering.