



[www.kanegeotech.com](http://www.kanegeotech.com)

Corporate Office

7400 Shoreline Drive, Suite 6  
Stockton, California 95219  
209.472.1822

Satellite Offices

Eastern USA: 865.248.3051  
Hawai'i: 808.468.9993  
Southern California:  
323.331.9222

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CURRICULM VITAE

**William F. Kane, PhD, PG, PE**  
CEO | Principal Civil & Geotechnical Engineer



**PRESENT POSITION**

Founder of a boutique geotechnical engineering consulting firm specializing in difficult geotechnical problems, especially geohazard mitigation (rockfall, debris flow, landslides, and geotechnical instrumentation). Responsibilities include vision and direction for enterprise engineering project development and management, employee development, oversight and supervision.

Published and presented over 200 professional papers, reports, and presentations to professional groups. As an Instructor for Geobruigg, USA product design short courses in the United States, Canada, and Mexico, taught more than 100 courses. Registered as a Professional Civil Engineer in 31 states and Puerto Rico, and as a Professional Geologist in Tennessee.

**EDUCATION**

Ph.D. Civil Engineering (Rock Mechanics), Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia, 1985

M.S. Civil Engineering (Rock Mechanics), Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia, 1981

B.A. Geology (Cum Laude), James Madison University, Harrisonburg, Virginia, 1975

**AREAS OF EXPERTISE**

Rockfall and Debris Flow Protection Design  
Landslides and Slope Stability Mitigation  
Expert Witness Testimony  
MSE and Conventional Retaining Walls  
Soil Nail Wall Design  
Ground Subsidence

Deep Foundations  
Earth Movement/Soil Structure Interaction  
Forensic Investigations  
Snow Avalanche Protection  
Rock and Soil Mechanics  
Pile Foundation Design

**PREVIOUS POSITIONS**

Director and Co-Founder: Association of Geohazards Professionals. (2013 to 2016)

Responsibilities included vision, organization, and steering new organization through initial phases of development.

Vice President, Central Valley Flight Schools, Inc., Stockton, CA (2001 to 2002)

Assisted President in development of business model. Responsible for instructor management and aircraft maintenance.

Associate Professor/Professor (with tenure), Department of Civil Engineering, University of the Pacific, Stockton, CA 95211 (1991-2000)

Taught engineering courses including geotechnical engineering, foundation engineering, slope stability, surveying, engineering mechanics, and engineering geology. Pioneering research with California Department of Transportation in using time domain reflectometry (TDR) instrumentation in landslide monitoring.

Civil Engineer/Partner, Neil O. Anderson & Associates, Stockton, CA, (1993-1994)





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Minority (10%) owner of small civil engineering firm. Responsible for proposal and report writing, field civil engineering work including drill hole logging, foundation analysis and design, slope stability analyses and mitigation, geotechnical instrumentation.

Civil Engineering Consultant, U.S. Bureau of Mines Twin Cities Research Center, Minneapolis, MN (1991-1996)  
Civil engineer consulting and research projects on coalmine ground control and structural foundations undergoing ground subsidence.

Associate Professor/Assistant Professor (with tenure), Department of Civil Engineering, The University of Tennessee, Knoxville, TN 37996-2010 (1986-1991)

Taught geotechnical engineering courses at graduate and undergraduate levels including soil mechanics, foundation engineering, and rock mechanics. Research in deep foundation instrumentation, rock mechanics, mine subsidence, constitutive models for geomaterials.

Consultant, ERCE, 725 Pellissippi Parkway, P.O. Box 22879, Knoxville, TN, 37933-0879 (1991)

Consulted on variety of projects related to coal mine ground subsidence and mine tailings stability.

Director and Founder, Institute for Geotechnology, The University of Tennessee (1988 - 1991).

Conceived of university/private partnership to develop cooperative problem-solving for real-world geotechnical problems. Responsible for proposal development, fund-raising, budgets. Worked close with Dean of Engineering office to further development of the Institute.

Assistant Professor, Civil Engineering Program, The University of Alabama in Huntsville, Huntsville, AL 35899 (1984-1986)

Taught graduate and undergraduate engineering courses in soil mechanics, constitutive modeling in geomechanics, foundation engineering, hydrology, and engineering mechanics. Research in mitigation of rockfall in underground coal mines in Alabama and Virginia.

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers (ASCE) (Member since 1984)

California Geotechnical Engineers Association (CalGeo) (Member since 2016)

Geo-Institute of ASCE (Member since 1997)

International Society for Soil Mechanics and Foundation Engineering (ISSMFE) (Member since 1992)

PROFESSIONAL REGISTRATIONS

Engineer (P.E.), Civil, Alabama, No. 34604-E

Engineer (P.E.), Civil, Arizona, No. 48502

Engineer (P.E.), Civil California, No. 55714

Engineer (P.E.), Civil, Colorado No. 38746

Engineer (P.E.), Civil, Georgia No. PE036954

Engineer (P.E.), Civil, Hawaii, No. 12368

Engineer (P.E.), Civil, Idaho, No. 13412

Engineer (P.E.), Civil, Illinois, No. 062.066397

Engineer (P.E.), Civil, Indiana, No.12000277

Engineer (P.E.), Civil, Iowa, No. 221588

Engineer (P.E.), Civil, Kentucky, No. 26177

Engineer (P.E.), Civil Maine, No. 16694

Engineer (P.E.), Civil, Maryland, No. 51410

Engineer (P.E.), Civil, Missouri, No. 2020029635

Engineer (P.E.), Civil, Montana, No. 18944

Engineer (P.E.), Civil, Nevada, No. 18792

Engineer (P.E.), Civil, New Jersey, No.  
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Engineer (P.E.), Civil, New Mexico, No. 18792

Engineer (P.E.), Civil, Ohio, No. 78057

Engineer (P.E.), Civil, Oklahoma, No.33736

Engineer (P.E.), Civil, Oregon, No. 83074

Engineer (P.E.), Civil, Pennsylvania, No. 76773

Engineer (P.E.), Civil, Puerto Rico, No. 28755

Engineer (P.E.), Civil, South Carolina No. 32143

Engineer (P.E.), Civil, Tennessee, No. 114306

Engineer (P.E.), Civil, Texas, No. 134130

Engineer (P.E.), Civil, Utah, No. 8666398-2202

Engineer (P.E.), Civil, Vermont, No.018.0134173

Engineer (P.E.), Civil, Virginia, No. 50520

Engineer (P.E.), Civil, Washington, No. 45739

