



www.kanengeotech.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
SoCal: 323.331.9222

CURRICULUM VITAE

Brian J. Forsthoff, PE

Vice President | Civil & Geotechnical Engineer



PRESENT POSITION

Vice President and Civil Engineer
Stockton, California
Licensed Professional Engineer

PROFESSIONAL PROFILE

Lead the design and implementation of geotechnical and structural instrumentation systems and provide construction oversight for geotechnical monitoring projects. Assist with geohazard mitigation system design, preparation of technical specifications, and quality assurance during construction. Responsible for foundation inspections, system verification, and performance evaluations.

Experience includes rockfall mitigation systems, slope stabilization measures, and geotechnical monitoring programs. Participated in specialized international workshops focused on geohazard mitigation and rockfall protection systems, including training with Geobrug in Romanshorn, Switzerland; Maccaferri in Valle d'Aosta, Italy; and Studio Castaldini in Verona, Italy.

EDUCATION

California State University, Sacramento, California
Master of Science, Civil Engineering 2019

San Diego State University, San Diego, California
Bachelor of Science, Liberal Studies 2011

San Joaquin Delta College, Stockton California
Associate of Arts, Liberal Studies 2008

AREAS OF EXPERTISE

- Foundation Inspection
- Rockfall Protection Design
- Debris Flow Protection Design
- Landslides Mitigation
- Slope Stability
- MSE Wall Design
- Soil Nail Wall Design
- Anchor Testing
- Earth Movement
- Soil Structure Interaction
- Time-Domain Reflectometry (TDR)
- Inclinometers
- Piezometers
- Strain Gauges
- Datalogger Programming
- Real-Time Data Acquisition
- Snow Avalanche Protection
- Soil Mechanics

PROFESSIONAL REGISTRATION

- Professional Engineer PE, Civil, North Carolina 057853

CERTIFICATIONS

- Federal Aviation Association (FAA) Remote Pilot Certificate – Certificate 3954022
- Union Pacific Railroad – eRailSafe Certified
- Fall Protection Certification
- Flagging and Restricted Area Access Certification
- CPR/AED and First Aid Certified

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
 - Associate Member
- Association of Geohazard Professionals (AGHP)
 - Member
- California Geotechnical Engineering Association (CalGeo)
 - Member

PUBLICATIONS AND PROFESSIONAL PRESENTATIONS

- *“Rockfall and Slope Stabilization” Workshop*
College of Engineers and Surveyors of Puerto Rico, San Juan, Puerto Rico. October 14, 2025
- *“Flexible Ring Net Barriers for Rapid Response to Post Wildfire Debris Flow Hazards”*
48th Southwest Geotechnical Engineering Conference, Sacramento, California. May 21, 2025
- *“Automated Slope Monitoring for Highways and Other Critical Infrastructure”*
20th Annual Technical Forum on Geohazards, Harrisonburg, Virginia. April 13, 2023.
- *“Protection of Homes in Puerto Rico from Massive Rockfall”*
Association of Engineering Geologist 2022, Las Vegas, Nevada. September 16, 2022.
- *“Flexible Nets for Post Wildfire Debris Flow Mitigation in the Western United States.”*
Cal Poly Pomona Geotechnical Engineers Association - Student Chapter, Webinar, November 10, 2020.
- *“Verification of Tabulated Design Grout-Ground Bond Strength”*
Highway Geology Symposium 2019, Portland, Oregon, October 22, 2019.

