

Julien Cohen-Waeber, Ph.D., P.E., P.G., C.E.G.

Dr. Waeber has over 15 years of experience in geotechnical engineering and engineering geology, in North and Central America, Southeast Asia and Europe. He specializes in the assessment and mitigation of geologic hazards, construction support and characterization of weak and chaotic rock masses. Dr. Waeber has extensive experience with evaluation and design of dams, roadways, landfills, commercial development, pipelines, and natural and manmade slopes. He also has deep experience with the application of remote sensing technologies including continuous GPS, InSAR and LiDAR, particularly for landslide hazard assessment. Dr. Waeber is currently a managing consultant at Exponent, where he provides cause and origin of failure analysis and expert witness consulting in cases relating to geotechnical engineering, engineering geology and construction.

Dr. Waeber earned his doctoral degree from the University of California Berkeley Department of Civil and Environmental Engineering. His doctoral research focused on the spatial and temporal behavior of seasonal landslide deformation, using InSAR and GPS to track ground surface displacements. During his studies, Dr. Waeber served as a graduate student researcher at the Lawrence Berkeley National Laboratory and remains an active Affiliate of the laboratory, continuing his research on landslides. Dr. Waeber has served as an Adjunct Instructor in the Civil and Environmental Engineering Department at Portland State University, teaching a course on slope stability. He also served as a Teaching Assistant at the University of California, Berkeley, for graduate and undergraduate courses in engineering geology, geotechnical engineering, geology, petroleum geology, and geotechnical earthquake engineering. Dr. Waeber has been an active and devoted member of the IAEG USA National Group, the Association of Environmental and Engineering Geologists (AEG), for nearly 20 years. He has provided valuable leadership and engagement through his roles as the AEG San Francisco Bay Area chapter chair and IAEG USA NG Representative.

Dr. Waeber is French-American and passionate about cooking and travelling. He is fluent in English, French and Spanish and is currently learning Greek. He enjoys all outdoor activities with an affinity for wilderness excursions, playing football and rowing. When they are not off adventuring, Dr. Waeber and his Greek-American wife Demetra live in Portland, Oregon, USA.