

**UNIV. PROF. DR. SCOTT KIEFFER  
INGENIEURBÜRO FÜR TECHNISCHE GEOLOGIE**

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**D. SCOTT KIEFFER, PHD, PE, CEG**

**SPECIALTY/SKILLS:**

Engineering geology and rock mechanics, researcher

**GEOGRAPHIC BASE:** Graz, Austria

**TYPE OF COMPANY:** Sole Proprietor

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**RESUMÉ**

**D. SCOTT KIEFFER, PHD, PE, CEG**

**EDUCATION**

B.A. Earth Sciences (Geology)  
University of California at Santa Cruz, USA  
M.S. Civil Engineering (Geotechnical)  
University of California at Berkeley, USA  
Ph.D. Civil Engineering (Geotechnical)  
University of California at Berkeley, USA

**PROFESSIONAL  
QUALIFICATIONS**

Professional Engineer (Civil): #63196 California  
Professional Engineer (Civil): #39497 Colorado  
Certified Engineering Geologist: #2156 California  
Professional Geologist: #6920 California  
Beratende Ingenieur für Technische Geologie, Österreich  
(Consulting Engineering Geologist, Austria)

**PROFESSIONAL  
SOCIETIES**

Member, American Society of Civil Engineers  
Member, American Rock Mechanics Association  
Member, International Society for Rock Mechanics  
Member, Austrian Society for Geomechanics

**PROFESSIONAL  
COMMITTEES**

ASCE Rock Mechanics Committee  
ASCE Standards Committee (Compaction Grouting Consensus Guide)  
ASCE Grouting Committee

**PRINCIPAL  
PROFESSIONAL  
DISTINCTIONS**

Kwang-Hua Visiting Professor (2010-2011), College of Civil Engineering,  
Tongji University, Shanghai, China  
Charles Pankow Award for Innovation (collaborator), Claremont Tunnel  
Seismic Upgrade Project, American Society of Civil Engineers (2009)  
Director and Lecturer - Annual Short Course on Grouting Fundamentals and  
Current Practice, Colorado School of Mines (2004-Present)  
Symposium Co-Chair, 41st US Rock Mechanics Symposium, Golden,  
Colorado (2006)  
Program of the Year Award (2000), Association of Engineering Geologists,  
San Francisco Section  
Douglas R. Piteau Outstanding Young Member Award (1998), Association  
of Engineering Geologists  
USSD Graduate Research Scholarship (1996), United States Society on Dams  
(formerly the United States Committee on Large Dams)  
Jane Lewis Graduate Research Fellowship (1994), Department of Materials  
Science and Mineral Engineering, U.C. Berkeley

**ACADEMIC  
EXPERIENCE AND  
BACKGROUND**

**PROFESSOR OF ENGINEERING GEOLOGY,  
GRAZ UNIVERSITY OF TECHNOLOGY, AUSTRIA , JUNE 2007 TO PRESENT**  
As Professor of Engineering Geology and rotating Head of the Institute of  
Applied Geosciences, Dr. Kieffer maintains responsibility for curricular  
structure, research infrastructure and funding acquisition, pecuniary  
management, staff development, research supervision, and student  
mentorship and teaching.

**ADJUNCT PROFESSOR**

**COLORADO SCHOOL OF MINES, USA, SEPT. 2007- SEPT. 2009**

Developed inter-university applied research initiatives and organized  
continuing education courses.

**ASSISTANT PROFESSOR**

**COLORADO SCHOOL OF MINES, USA, JUNE 2002 - JULY 2007**

Responsible for educating, mentoring, and the professional development of  
undergraduate and graduate students, and management of a sustained  
research funding program. Courses instructed include Earth Retaining  
Structures, Design and Support of Underground Openings, Underground  
Design and Construction, and Engineering Mechanics.

**LECTURER**

**SAN FRANCISCO STATE UNIVERSITY, USA, JAN. 2000 TO JULY 2000**

Instructor for the graduate course "Problems in Engineering Geology",  
focusing on identification and analysis of rock slope failure modes, with  
practical field exercises and detailed case history reviews.

**GRADUATE STUDENT INSTRUCTOR**

**UNIVERSITY OF CALIFORNIA AT BERKELEY, USA, JAN. 1994 - MAY 1997**

Organized and directed laboratory sections for undergraduate and graduate courses in engineering geology. Presented lectures and advised students for courses in geological engineering and engineering geology.

**CONSULTING  
EXPERIENCE AND  
BACKGROUND**

**GEOTECHNICAL CONSULTANT, JUNE 2002-PRESENT**

**(AND SOLE PROPRIETOR, UNIV. PROF. DR. SCOTT KIEFFER,  
INGENIEURBÜRO FÜR TECHNISCHE GEOLOGIE, GRAZ, AUSTRIA  
AUGUST 2008 TO PRESENT)**

Provide expert consultation related to soil and rock slope stability, mine slope and underground structures design, contractor pre-bid geotechnical risk assessments, dam foundation characterization, and geologic hazards assessment and mitigation. Representative clients include U.S. Army Corps of Engineers, URS Corporation, Woodward Clyde Consultants, Jacobs Associates, iC Consulenten, Elea iC, Geoconsult, Cemex, and Kiewit Construction Company.

**ASSOCIATE**

**JACOBS ASSOCIATES, SAN FRANCISCO, USA, MAY 1998 - MAY 2002**

Performed engineering analyses and prepared design plans, specifications, Geotechnical Baseline Reports, and supporting contract documents for major civil works projects involving the construction of tunnels, caverns, shafts and deep excavations.

**STAFF GEOLOGIST, HARLAN TAIT ASSOCIATES, SAN FRANCISCO, USA**

**JAN. 1992 - MAY 1994 AND JUNE 1989 - OCT 1991**

Conducted fault ground rupture and landslide hazard studies as well as engineering geologic investigations for civil projects involving construction of dams, transmission lines, roadways and commercial and residential subdivisions.

**STAFF ENGINEERING GEOLOGIST**

**DAMES & MOORE, HONOLULU, USA, NOV. 1991 - NOV. 1992**

Provided engineering geologic input for civil projects involving construction of high-rise, waterfront, military and commercial structures.

**STAFF GEOLOGIST**

**ROGERS E. JOHNSON & ASSOC, SANTA CRUZ, USA, AUG. 1998 - JUNE 1989**

Performed detailed logging of exploratory trenches for fault ground rupture and landslide hazard studies, aerial photograph interpretation, and geologic mapping.

**PUBLICATIONS:**

Over 40.