

ASCE HAWAII SECTION NOVEMBER DINNER MEETING NOTICE

Program: Geotechnical Risk Assessment – “Probability of Failure” vs “Factor of Safety”

Geotechnical engineering has seen a rapid growth of interest in risk assessment methodologies. This seems a logical evolution, since soils and rocks are among the most variable of all engineering materials, and geotechnical engineers must often make do with materials they are dealt with at any particular site. A probabilistic analysis may lead to a “probability of failure”, as opposed to the traditional “factor of safety”, representing a fundamental shift in the way engineers need to think about the suitability of their designs. The seminar will review some of the benefits and potential pitfalls of these different approaches, and describe some introductory methods of probabilistic analysis.

Speaker: D.V. Griffiths, PhD., P.E. Vaughan Griffiths is a Professor of Civil Engineering at the Colorado School of Mines. He has written over 300 research papers, including some of the most highly cited in the geotechnical engineering research literature. He is the co-author of three textbooks on finite elements, risk assessment and numerical methods that have gone into multiple editions including the Chinese language. He gives regular short-courses for practitioners on risk and finite element applications in geotechnical engineering both in the US and overseas, with courses recently given in Canada, Australia, Colombia and Norway. Dr. Griffiths is a former ASCE Director and recently Chaired the ASCE/G-I Specialty conference *Geo-Risk 2017* in Denver. He is currently an Editor of *Computers and Geotechnics*, on the Advisory Panel of *Géotechnique*. He was the recent recipient of the 2017 *H. Bolton Seed Medal* at the Geotechnical Frontiers conference in Orlando.

Date: Thursday, November 16, 2017

Location: HASR Bistro

Time: 5:30 p.m. Social Time
6:30 p.m. Dinner
7:00 p.m. Program

Menu: Multi-entrée dinner

Cost: \$35.00 for ASCE Hawaii Section Members
\$40.00 for Non-ASCE Hawaii Section Members and Guests
\$20.00 for UH Manoa Student Chapter members
Cost also includes beer and wine during the social hour on a first come-first served basis

Reservations: Please phone or email your RSVP by **Tues, Nov. 7, 2017** to: Dayna Nemoto-Shima, ASCE Hawaii Section Treasurer
Phone: (808) 678-8024 / Email: dnemoto@ascehawaii.org
Pacific Geotechnical Engineers, Inc.
94-417 Akoki Street, Waipahu, HI 96797

Checks shall be made payable to **“ASCE Hawaii Section”** and mailed to Pacific Geotechnical Engineers at the above address.

If you do not receive a confirmation on your RSVP, please contact Dayna ****No shows will be billed****

November 16, 2017 ASCE Hawaii Section Dinner Meeting Reservation Form (please call/e-mail by 11/7/2017)

Company: _____ Total Enclosed: \$ _____

Name	Section Member?	Name	Section Member?
_____	Yes/No	_____	Yes/No
_____	Yes/No	_____	Yes/No
_____	Yes/No	_____	Yes/No
_____	Yes/No	_____	Yes/No

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