



Association of Environmental and Engineering Geologists
California Central Coast Chapter, Southern California Section

www.aegsc.org/chapters/centralcoast

Robert J. Urban, Chapter President
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FEBRUARY 2007 MEETING NOTICE

**70 YEARS OF THE CONE PENETRATION TEST
HOW FAR HAVE WE COME?**

by
Dr. Peter Robertson
Gregg Drilling & Testing, Inc.

**Please note that the meeting is schedule for Monday February 26, 2007
Not the usual last Wednesday of the month!**

Monday, February 26, 2007

Rusty's Pizza, Goleta

(RSVP/Directions below)

6:00 pm- 7:00 pm Social Hour
7:00 pm – 8:00 pm Chapter Meeting

The February meeting is sponsored by:



Gregg Drilling & Testing, Inc.
greggdrilling.com

Speaker:

Dr. Peter Robertson

Speakers' Brief Biography:

Peter has 30 years experience as an educator, researcher, consultant and practitioner

specializing is in the areas of in-situ testing of soils, earthquake design of geotechnical structures, soil liquefaction, pile design and soil structure interaction. Dr. Robertson is recognized as an expert both nationally and internationally in the areas of in-situ testing and soil liquefaction. He was the Principal Investigator of the Canadian Liquefaction Experiment (CANLEX) from 1993 to 2000, a \$2 million collaborative project between industry, universities, and consulting engineers to study the characterization of sand for liquefaction analysis. Dr. Robertson has been a consultant to various industrial clients and insurance companies in North America, Asia and Europe for projects involving

liquefaction evaluation for major structures, stability of onshore and offshore structures, landslides, stability of natural slopes and tailings dams, deep foundations and use and interpretation of in-situ tests. Dr. Robertson has authored or co-authored 249 publications including one book, six chapters in books, three engineering design manuals, 78 refereed journal publications, and 141 other refereed contributions.

He was a co-founder and Director of ConeTec Investigations Ltd. (1984-2001), an in-situ testing company specializing in the Cone Penetration Test (CPT). He has also sat

on the Boards of several private and not-for-profit organizations. He also lectures on leadership and management and maintains an active research program in geotechnical engineering.

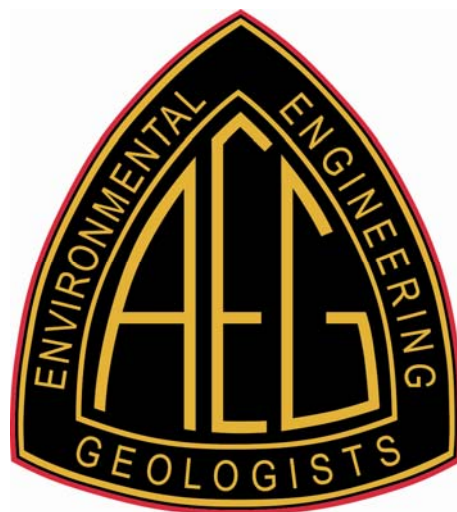
In his role as Associate Vice President (Research/Industry) at the University of Alberta (1999 – 2005), Dr. Robertson was responsible for leadership in the transfer of technology to the community. Currently, Peter is working with Gregg InSitu Inc., in California.

Abstract

70 Years of the Cone Penetration Test How Far Have We Come?

**by
Dr. Peter Robertson
Gregg Drilling & Testing, Inc.**

The presentation will provide an overview of developments in the Cone Penetration Test (CPT) since its inception 70 years ago as a simple mechanical penetration test in the Netherlands. Today the test is more advanced with many applications in geotechnical and geoenvironmental engineering. Examples will be presented to illustrate the advances.



Announcements

Please email announcements to lavapoet@verizon.net, thank you.

Please mark your calendar for the following upcoming Chapter Meetings.

March 28, 2007 – Julie Moore, SPL
“Laboratory Quality / Quality Control Practices”

April 25, 2007 – 2nd Annual Student Night Presentations

- Student research presentations from UC Santa Barbara & CalPoly
- Dr. John W. Williams Scholarship awarded tonight

May 17, 2007 – John Moylan
- 2007 AEG & GSA Distinguished Jahns Lecturer -

“Geologic Influences on Midcontent Dams”

Potential Speakers:

Dr. Scott Minor (USGS) – Geology & Neotectonics of the Santa Barbara Coastal Plain

Dr. John Izbicki (USGS) – “Fecal contamination of urban streams and beach area of Santa Barbara”

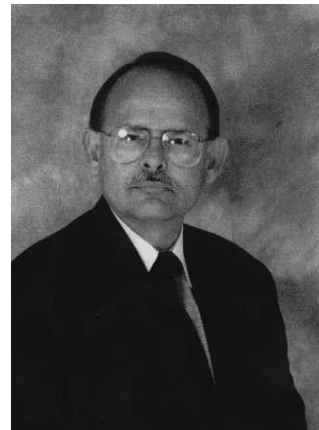
Know of someone that could give a presentation to the Chapter or would you like to hear about a particular subject? Email your requests for speakers or topics to your Chapter President at: lavapoet@verizon.net

Please note that next April will be our 2nd Annual Student Night.

Student night involves two aspects of recognizing and supporting the future of our profession: (1) awarding a deserving student the Chapter’s Dr. John W. Williams Scholarship and (2) listening to students present their research projects in the form of short (15 to 20 minute) presentations.

Applications for the Chapter scholarship will be posted on the Chapter website and distributed to regional universities and colleges in the near future. Last year, the scholarship was awarded in the amount of 500 dollars and may be increased this year. For further information or an application or to express your interest in delivering a presentation to the Chapter, contact the Chapter President.

AEG CA Central Coast Chapter Dr. John W. Williams Scholarship



Dr. John W. Williams is an active AEG member of the San Francisco Section, professor of engineering geology and Department Chair at San Jose State University (1976 – present), and former AEG National President (1988), secretary, and Vice President. Dr. Williams has served as the Association of State Boards of Geology (ASBOG) President and a founding Officer and President of the Engineering

Geology Foundation (1996). In addition to acting as President for a number of additional organizations, Dr. Williams has served as Chair on: the Examination Committee for the California Board of Registration for Geologists and Geophysicists (1978-2000), the Ethics Committee for the ASBOG (2002 – present), and the Examination Committee for ASBOG (2002 – present). Dr. Williams acts as the advisor to the San Francisco Section Student Chapter and has throughout his career encouraged student membership and participation in AEG.

Dr. Williams has received numerous awards over the years of service to AEG and our profession. He has received the Floyd T. Johnston Service Award (1998) from AEG and the Meritorious Service Award (1992) from the Engineering Geology Division of the Geological Society of America.

Dr. Williams earned doctorate (1970) and masters of science (1968) degrees in geology from Stanford University and a bachelors of science (1967) degree in geology from the College of William and Mary, VA. Dr. Williams is a licensed Professional Geologist, Certified Hydrogeologist, and a Certified Engineering Geologist. He began his career working for the California Division of Mines and Geology (now the California Geological Survey) from 1971 through 1976 then became a professor at San Jose State University in 1976 and has continued teaching through the present. Many consulting geologists have received mentorship from Dr. Williams and even a greater number of geologists are aware of Dr. Williams bringing attention to the importance of ethics and ethics training to geo-professionals.

The CA Central Coast Chapter recognizes the important contributions of Dr. Williams to AEG and our profession. We hope that our scholarship brings awareness of Dr. Williams' contributions to future professional geologists.

To make a donation to the Dr. John W. Williams Scholarship fund, please contact Robert Urban at robert_urban@urscorp.com. All scholarship donors will be recognized on our Chapter's website.



Chapter Sponsors



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OEC has twice sponsored a Chapter meeting, thank you OEC!



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The Association of Environmental & Engineering Geologists CA Central Coast Chapter is currently seeking monthly meeting sponsorship. Benefits of becoming a monthly meeting sponsor include: 1) sponsor's name or logo placed on our Chapter website indicating the month of sponsorship, 2) listing as a Corporate Sponsor in our monthly newsletter, and 3) recognition at the monthly meeting. Our Chapter is asking for a donation of \$150 for becoming a monthly meeting sponsor . . . a small price for the recognition that you contribute to the professional society that best embodies our professional practice.

Directions to Meeting

Monthly Meetings

Monthly meetings will take place on the last Wednesday of every month at Rusty's Pizza in Goleta. Social hour begins at 6 pm; the meeting begins at 7pm.

For more information or to be added to the CA Central Coast Chapter email list, please contact Robert Urban via email at robert_urban@urscorp.com.

Location:

Rusty's Pizza, 270 Storke Road, Goleta (Santa Barbara)

Directions:

1. Driving Northbound or Southbound on Highway 101;
2. Exit on Storke Road;
3. Turn Left (if you were traveling northbound), Right (if you were traveling southbound);
4. Turn Left at the first stoplight past Hollister Road;
5. Rusty's is on the left.

Donation/Cost:

AEG members = \$15; non-AEG members = \$20; Students = \$5

**AEG CA Central Coast Chapter
Contact Information**

Please: If you plan on attending the meeting, please email lavapoet@verizon.net a confirmation of your attendance by the Tuesday preceding the meeting date. This greatly helps in ordering the food for attendees. However, if you forget to email, please still do attend the meeting. Thank you.

JOB POSTINGS

If you would like to place a job announcement, please email the listing to lavapoet@verizon.net, thank you!



URS Corporation is seeking top professional geologists for career positions at our Santa Barbara and Santa Maria offices. For further information, please contact Mr. David Bernal, PG by email at: David_Bernal@urscorp.com

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