

Bouchedid, Michel/SEA

From: asceseattlesectiongeotechnicalgroup@seattlegeotech.talklist.com on behalf of Michel.Bouchedid@CH2M.com
Sent: Monday, February 07, 2011 9:09 AM
To: ASCE Seattle Section Geotechnical Group
Subject: ASCE SSGG February Announcements
Attachments: ASCE Dinner meeting_24FEB2011_WestPoint.pdf; Professor Rinqiu Huang.pdf

Dear Members of the ASCE Seattle Section Geotechnical Group/Seattle Chapter of the Geo-Institute,

This email provides information on our February 24th dinner meeting. Please see below for more information on the following topics:

- ASCE SSGG February 24th Planning Meeting
- ASCE SSGG February 24th Dinner Meeting
- Presentation by UW Chapter of EWB to our Members
- GIGSS Presentation on February 17th

FEBRUARY 24th PLANNING MEETING

The monthly planning meeting will be held at the Red Lion on Thursday February 24th at 4:00 PM. The planning meeting will last until about 5:30 and will be followed by the dinner meeting social hour. We would like to see representatives from all firms present at our planning meetings. Please RSVP by noon on Tuesday February 22nd to Tyler Stephens TJS@shanwil.com if you wish to attend.

FEBRUARY 24th DINNER MEETING

Topic: West Point Treatment Plant Hillside Retaining Wall – 20 Year Update

Speakers: Tom Gurtowski, P.E., Vice President, Shannon & Wilson, Inc., and Rob Clark, P.E., Associate, Shannon & Wilson, Inc.

Time: 5:30 (Social); 6:30 (Dinner); 7:30 (Program)

Location: Red Lion Inn, 11211 Main St, Bellevue, WA

Details: See attached flier for details.

PRESENTATION BY UW CHAPTER OF EWB TO OUR MEMBERS

At each of the last 4 annual fundraisers organized by the University of Washington Chapter of Engineers Without Border, the ASCE SSGG contributed a matching donation up to \$5000. This year, again, we contributed another \$5000 matching donation. The UW EWB Chapter has been deeply grateful for the continual support of our group and would like to thank our group at our February meeting and give a 10-minute presentation on the work they have been doing. The EWB presentation will precede the main presentation by our guest speakers.

GIGSS PRESENTATION ON FEBRUARY 17TH

Topic: Landslides Induced by the Wenchuan Earthquake: Distribution, Mechanism and Mitigation Strategies

Speakers: Professor Runqiu Huang, Chengdu University of Technology

Time: 5:00 PM

Location: UW Johnson Hall, Room 102

Details: See attached flier for details.

Regards,

Michel Bouchedid
President
ASCE Seattle Section Geotechnical Group/Seattle Geo-Institute Chapter
<http://www.seattlegeotech.org/>

Michel Bouchedid, P.E.
Geotechnical Engineer
CH2M HILL
1100 112th Avenue NE, Suite 400

Bellevue, WA 98004
Tel: 425.453.5000
Direct: 425.233.3286
Mobile: 425.802.7678
Fax: 425.468.3100
michel.bouchededid@ch2m.com
www.ch2m.com



ASCE SEATTLE SECTION GEOTECHNICAL GROUP DINNER MEETING

THURSDAY FEBRUARY 24th, 2011

Topic: West Point Treatment Plant Hillside Retaining Wall – 20 Year Update

Time: 5:30 – Social Hour, 6:30 – Dinner, 7:30 – Program

Place: Red Lion Inn, 11211 Main St, Bellevue, WA

RSVP: **Please RSVP** with your dinner entrée preference (Burgundy Beef Tips or Vegetable Lasagna) via: Our website www.seattlegeotech.org, or e-mail to rsvp@seattlegeotech.org by **4:00 PM on Tuesday February 22nd, 2011 for the advance RSVP rate.**

Cost: \$35 with advance RSVP. \$40 with reservations made after February 22nd deadline or at the door. \$15 for non-reimbursed public agency employees and students. **A limited number of student sponsorships will be provided on a first-come, first-served basis.** You can pay via Paypal or credit card online, or at the door by cash or check payable to "ASCE Seattle Geotechnical Group"

Speakers: Tom Gurtowski, P.E., Vice President, Shannon & Wilson, Inc., Seattle, WA
Rob Clark, P.E., Associate, Shannon & Wilson, Inc., Seattle, WA

Abstract: Expansion of the West Point Treatment Plant in 1990 required construction of a retaining wall below North Bluff in Seattle's Discovery Park. The toe of the slope is marginally stable with over 30 feet of clay slide debris. The wall is 3,000 feet long, and is composed of soldier piles and tieback anchors, 2,200 lineal feet of which are permanent. An overview of wall design and construction will be presented. Instrumentation includes inclinometers, tieback load cells and groundwater monitoring wells. Permanent wall and hillside movement, tieback loads and groundwater elevation have been recorded since 1989 and these results will be reviewed with conclusions regarding wall performance.

Bios: Tom Gurtowski joined Shannon & Wilson, Inc. in 1974. He has been responsible for engineering studies on many notable projects in Seattle, including the existing Washington State Convention & Trade Center and its expansion, Pacific Place; Downtown Seattle Transit Project stations; Key Arena; Safeco Field; Qwest Field; Husky Stadium; Seattle Federal Court House; Seattle Justice Center, Seattle City Hall; Experience Music Project and others. He has authored or coauthored 25 technical articles.

Rob joined Shannon & Wilson, Inc. in 1985. His experience has been focused in field instrumentation, where he has been responsible for system design and procurement, installation, instrument reading and data reduction, and analysis of inclinometers, piezometers, settlement gages, borehole extensometers, tape extensometers, strain gages, load cells, tiltmeters, and vibration monitors. His systems have monitored excavations, tunnels, dams, and slope movements, among others. Rob also has extensive experience in the design and implementation of automated data acquisition systems for large scale and/or remote instrumentation projects.

ASCE Seattle Section Geotechnical Group – 2009-2010 Officers

www.seattlegeotech.org

Michel Bouchédid, PE <i>President</i>	Ghada Ellithy, PhD, PE <i>President-Elect</i>	John Bickford, PE <i>Secretary</i>	Farid Sariosseiri, PhD <i>Treasurer</i>	Tyler Stephens, PE <i>Education Chair</i>	Mike Lach, PE <i>Public Relations Chair</i>	Bob Metcalfe, PE, LEG <i>Membership Chair</i>
CH2M HILL 1100 112 th Ave NE, Suite 400 Bellevue, WA 98004	US Army Corps of Engineers, Seattle District 4735 E. Marginal Way Seattle, WA 98134	DBM Contractors, Inc. 1220 S 356 th Street Federal Way, WA 98003	CDM 14432 SE Eastgate Way Suite 100 Bellevue, WA 98007	Shannon & Wilson 400 N 34 th Street Suite 100 Seattle, WA 98103	CDM 14432 SE Eastgate Way Suite 100 Bellevue, WA 98007	GeoEngineers 2924 Colby Avenue Everett, Washington 98201
(425) 233-3286 michel.bouchédid@ch2m.com	(206) 766-6466 ghada.s.ellithy@usace.army.mil	(253) 838-1402 johnb@dbmcm.com	(425) 519-8300 sariosseiri@cdm.com	(206) 695-6915 tjs@shanwil.com	(425) 519-8300 lachma@cdm.com	(425) 252-4565 rmetcalfe@geoengineers.com

UW Geo-Institute Graduate Student Society (GIGSS) presents...

"Landslides Induced by the Wenchuan Earthquake: Distribution, Mechanism and Mitigation Strategies"



Thursday Feb. 17th, 2011

5:00 pm @ UW Johnson Hall Room 102

By Professor Runqiu Huang, Chengdu University of Technology

SEMINAR DESCRIPTION:

On May 12, 2008, a devastating M8 earthquake occurred in Wenchuan Province, China. The event affected an area of more than 100,000 square miles and about 30 million people causing more than 70,000 deaths and injuring several hundred thousand more. The earthquake originated on the Longmenshan fault, a northeastern striking thrust fault, resulting in a rupture length of over 180 miles. One of the significant consequences of this event was the extent of and scale of landslide events that was induced by the earthquake. This lecture presents a summary of the significant work conducted by researchers from the State key Laboratory for Geohazard Prevention and Geoenvironment Protection at the Chengdu University of Technology under the leadership of Professor Runqiu Huang both immediately after the event and subsequent to the initial field studies related to the distribution and mechanisms of the wide-spread large-scale ground movements. Measures to minimize similar consequences following future events will also be described.



Geotechnical Extreme Events Reconnaissance Association



UW Geo-Institute Graduate Student Society (GIGSS) presents...

All are welcome to attend!

BIOGRAPHY:

Runqiu Huang received the Ph.D. degree in Engineering Geology from Chengdu University of Technology in China in 1988. He then joined the engineering geology group in the university and was engaged in high rock slope stability and landslides researches. He has very wide research interests including landslides inventory, mechanism of large scale landslides, risk assessment and risk control of geohazards, rock mechanics properties in high geo-stress, etc. In recent years he focuses on the high rock slope stability research and the mechanism of large-scale catastrophic landslides, especially the study of landslides induced by 5/12 Wenchuan earthquake in China. He is currently director of the State Key Laboratory of Geohazard Prevention and Geoenvironment Protection, the Vice-president of Chengdu University of Technology, the Vice-president of International Association of Engineering Geology and the Environment (IAEG), the President of Chinese Engineering Geology Society, and the council member of Chinese Society for Rock Mechanics and Engineering.

In his professional career he has received a lot of important academic awards from governments and organizations, e.g. the Fork Yin-Tong Award in 1998, the Outstanding Youth Research Foundation Award of China in 1995, China Distinguished Talent Award in 2002, the highest Science and Technology Award of Sichuan Province in 2003, the First Class Award of National Science and Technology Achievements in 2005, Li Si-guang Geological Scientific Award and He-Liang-He-Li Science and Technology Progress Award in 2007. He has authored/co-authored more than 200 research articles in referenced journals and international conference proceedings, book chapters and textbooks.



Geotechnical Extreme Events Reconnaissance Association

