

ASCE Seattle Section Geotechnical Group and Seattle Geo-Institute Chapter

34th Annual Spring Seminar “Ground Improvement”

April 22, 2017 at Kane Hall, University of Washington ([Directions](#))

The ASCE Seattle Section Geotechnical Group is pleased to announce our 34th annual Spring Seminar. Following completion of our first of its kind document “Commentary Guidelines for Ground Improvement Using Discrete Elements”, this year’s topic is Ground Improvement and will many types and aspects of ground improvement. The full day seminar will be held on Saturday, April 22, 2017 on the University of Washington campus in Seattle, Washington.

Course attendees will be eligible to receive 0.7 Continuing Education Units (CEU) or 7 Professional Development Hours (PDH).

\$200 Early Registration (before April 7, 2017)

\$250 After Registration Deadline

\$75 Students

7:00 AM - 8:00 AM Check-in and Registration

8:00 AM - 8:10 AM Opening Remarks

8:10 AM - 9:00 AM “*On the Performance of Ground Improvement during Strong Earthquakes – Observations and Lessons Learned*” **Juan Baez - AGI**

9:00 AM - 9:30 AM “*Up-scaling of Bio-mediated Calcite Precipitation for the Improvement of Granular Soils*”
Mike Gomez – University of Washington

9:30 AM - 10:00 AM... “*Effect of lattice-shaped ground improvement geometry on seismic response of liquefiable soil deposits via 3-D seismic effective stress analysis*”
Brendon Bradley – University of Canterbury

10:00 AM - 10:30 AM... Morning Break

10:30 AM - 11:20 AM... “*30 years of lessons learned in geotechnical construction*”
George Burke – Hayward Baker

11:20 AM - 12:00 PM... “*Deep Foundations DBA (Doing Business As) Ground Improvement*”
Dominic Parmantier – Condon Johnson

12:00 PM - 1:00 PM... Lunch Break

1:00 PM - 1:10 PM..... Award Presentation

1:10 PM - 2:00 PM..... “*Rammed Aggregate Pier Ground Improvement as a Liquefaction Mitigation Method in Sandy and Silty Soils*” **Dr. Kord Wissmann – Geopier**

2:00 PM - 2:50 PM.... “*Quality Control criteria for ground improvement*” **Peter Robertson – Gregg In Situ**

2:50 PM - 3:20 PM.... Afternoon Break

3:20 PM - 4:00 PM.... “*Ground Freezing Case Histories*” **Ulf Gwildis – CDM Smith, Aaron McCain – Soil Freeze**

4:00 PM - 4:10 PM.... “*SDCI Update*” **Jim Mattoon & Susan Chang – City of Seattle**

4:00 PM - 5:00 PM.... “*Panel Discussion*” – (Burke, Baez, TBD)

5:00 PM - 5:05 PM.... Closing Remarks



Register Today at
<http://www.seattlegeotech.org>



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Registration and Site Information

- Register via Brown Paper Tickets:
Seminar: <http://springseminar.brownpapertickets.com/>
Short Course: <http://shortcourse.brownpapertickets.com/>
or find the links at: <http://www.seattlegeotech.org>. For groups with multiple attendees that would prefer to pay by check, first register via Brown Paper Tickets, and then mail the check with names of registered attendees for the Short Course and/or Seminar to:

ASCE Seattle Geotechnical Group
c/o Dila Saidin
5147 47th Ave NE
Seattle WA 98105



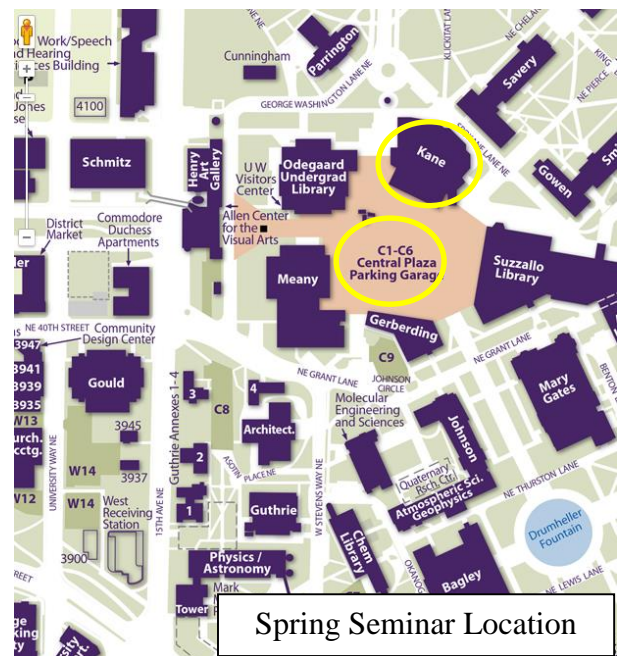
- It is advised to register as early as possible. Registration will be on a first-come first-served basis. Registration on the day-of seminar will be accepted only if space is available.
- For both the short course and seminar, registration includes morning and afternoon refreshments, lunch, and a bound seminar program containing and electronic access to the presentations.

- The Spring Short Course will be held at the Columbia Tower Club, 701 5th Ave, Seattle, WA 98104.
- For additional information about the Spring Short Course please contact Steve Johnson at 206.472.0311 (stephen.johnson@sixense-group.com).

- The Spring Seminar will be held at the Kane Hall Room 120 at the University of Washington Campus in Seattle. The Exhibitor Hall will be in Kane Hall Room 225. The closest parking on campus is at the Central Plaza Parking Garage for a fee. A map of the campus can also be found online at: www.washington.edu/home/maps/

- For additional information about the Spring Seminar contact Ben Blanchette at 206.826.4578 (ben.blanchette@hartcrowser.com).

- To be an Exhibitor and/or Sponsor for the Spring Seminar please contact Steve Johnson at 206.472.0311 (stephen.johnson@sixense-group.com).



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