

# 2017 ACEC Central New York Chapter – 4<sup>th</sup> Annual Geotechnical Symposium



Doubletree Hotel, Syracuse, New York  
May 8<sup>th</sup>, 2017 (7:00 am – 5:00 pm)  
7 Pdh's

## Symposium Agenda

- 7:00 – 7:50 Check-in & Breakfast  
7:50 – 8:00 Opening Remarks by Chris Paolini, P.E.,  
ACEC CNY Chair  
8:00 – 9:00 Dr. Hoe Ling from Columbia University  
(*Rainfall Induced Slope Instability*)  
9:00 – 10:00 Shana Carroll from GeoStructures  
(*Geo Pier Case Studies on the Tappan Zee Bridge*)  
10:00 – 10:15 Break  
10:15 – 12:15 Scott Wolter, Forensic Geologist  
(*Solving Rune Stones and the Rock Wall Using  
Forensic Geology*)  
12:15 – 1:15 Lunch  
1:15 – 2:15 Dr. Adda Athanasopoulos-Zekkos from the  
University Michigan (*Liquefaction Triggering and  
Post-Liquefaction response of Gravelly Soils*)  
2:15 – 2:30 Break  
2:30 – 3:30 Dr. Thevanayagam from the University of Buffalo  
(*Earthquake Engineering, Liquefaction and Ground  
Improvement*)  
3:30 – 4:30 Dr. Brent Robinson from GRL  
(*Pile Load Testing*)  
4:30 – 5:00 Closing Remarks  
5:00 – 7:00 Cocktail Hour sponsored by GeoStructures

Below is a brief description of each speaker:

**Dr. Hoe Ling:** Dr. Ling is a professor of Geotechnical Engineering. He obtained his bachelor's degree from Kyoto University, Japan, and his master's and doctoral degrees from the University of Tokyo. Dr. Ling received the Career Award from the National Science Foundation in 2001. He also serves on the editorial board of the ASCE Journal of Geotechnical and Geoenvironmental Engineering as well as the Journal of Earthquake and Tsunami.

**Shana Carroll, P.E.:** Ms. Carroll received her Bachelors and Masters Degrees in Civil & Environmental Engineering from Bucknell University. Ms. Carroll is LEED and Green Advantaged Certified. Ms. Carroll has worked for GeoStructures, Inc. for 12 years as the Preconstruction and Sales Manager. Her professional focus is on ground improvement.

**Mr. Scott Wolter, CPG:** Mr. Wolter is a world renowned forensic geologist and host of the History Channel 2's America Unearthed. Mr. Wolter is also owner of the Minnesota based company American Petrographics. Mr. Wolter has decades of experience in geology, forensic geology, and petrography. Mr. Wolter has been an expert witness on dozens of high profile court cases.

**Dr. Adda Athanasopoulos-Zekkos:** Dr. Athanasopoulos-Zekkos obtained her bachelor's degree from Ptychion University of Patras, Greece and her master's and doctoral degrees from University of California, Berkeley. She has earned numerous awards including ASCE's Thomas Middlebrooks Award (2015), ASCE's Arthur Casagrande Professional Development Award (2015) and the Excellence in CEE, Department Faculty Award from the University of Michigan (2014), just to name a few.

**Dr. Sabanayagam Thevanayagam:** Dr. Thevanayagam is a Professor in the Department of Civil, Structural and Environmental Engineering at the University of Buffalo. He obtained his bachelor's degree from the University of Peradeniya in Sir Lanka and his master's and doctoral degrees from Purdue University. His main focus to Geotechnical Earthquake Engineering, Liquefaction and Ground Improvement.

**Dr. Brent Robinson:** Dr. Robinson earned his bachelor's degree from Case Western Reserve University and his master's and doctoral degrees in Civil Engineering from North Carolina State. In addition to his R&D activities in high and low strain foundation testing, Dr. Robinson has tested and analyzed the foundations of multiple bridges, stadiums, offshore oil platforms and other structures.