



**GEO-  
INSTITUTE**  
**ASCE Metropolitan Section  
Chapter**



## **ASCE METROPOLITAN SECTION, GEO-INSTITUTE CHAPTER PRESENTS**

### **The 43<sup>rd</sup> Martin S. Kapp Lecture and the 14<sup>th</sup> Annual “Meet & Greet” Dinner**

at Stout NYC, 133 W. 33<sup>rd</sup> Street, New York, NY

**Thursday, January 18, 2018**

**Registration/Cocktails at 5:00 pm | Dinner at 6:30 pm | Technical Lecture at 7:30 pm**

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*Technical Lecture Topic:*

***“3D Geotechnical Modeling:  
Advantages, Issues, Thoughts”***

*Presented by:*

***Sergei Terzaghi, Principal  
ARUP***



As computer modeling, and graphic representation becomes more powerful, the demand to do more and more complicated 3D (and higher) modeling grows. The success of tools such as Revit just increases the demand. However, in order to get the most out of 3D models, an enormous increase in the sophistication of the applied soil and structural models and supporting data is required.

Yet, paradoxically, because of the increasingly codified and deformation-limited nature of our projects, the application of these 3D models can be limited, and ‘old-fashioned’ tools can be used instead. In this lecture we will explore the issues, both pro and con, through a number of projects around the world that Sergei has been involved in.

#### ***The Speaker***

Sergei Terzaghi is a Principal at Arup based out of Sidney, Australia, where he has been appointed the Americas Geotechnical Skills Leader within the firm. He has over 30 years of experience in all aspects of geotechnical engineering in Australia, New Zealand and throughout the Pacific Basin.

Sergei’s many years of experience encompasses the full breadth of geotechnical engineering including analysis, design and construction of highways, tunnels, railways, pipelines (onshore and offshore), embankments, dams, marine / offshore projects, and foundations and excavations for a vast range of structures including tanks and multi-story buildings.

Sergei is highly skilled in numerical modelling and has a proven track record in providing realistic answers to complex problems. Sergei’s particular skill in relating analysis and design to real world situations has enabled him to provide practical solutions and to troubleshoot difficult onsite construction issues.

He is an accomplished author and has published in various prestigious peer reviewed journals, including *Geotechnique*, and has presented in various conferences throughout the world.

For more information about this dinner lecture and other Geo-Institute Chapter events, please visit our web page at <http://www.ascemetsection.org/tech-groups/geotechnical/home>

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### REGISTRATION INFORMATION

#### LIMITED SEATING | REGISTER EARLY!

Admission Fees	ASCE MEMBER	NON-ASCE MEMBER
Regular Admission	\$135	\$150
Early Bird Special Register by 1/5/18	\$110	\$135

Prices include full dinner and beer/wine/liquor/soda. One Professional Development Hour (PDH) is applied for this lecture.

Companies registering 4 or more attendees will receive complimentary recognition as a **Silver Sponsor** and your company name and logo will be displayed on partial page slides on flat screen LCD panels in the event room during cocktail hour and dinner.

Companies registering 9 or more attendees will receive complimentary recognition as a **Gold Sponsor** and your company name and logo will be displayed on full page slides on flat screen LCD panels in the event room during cocktail hour and dinner.

To receive these complimentary sponsorships you must register by **Friday, January 5, 2018**.

Sponsorship is also available at a cost of \$100 for Silver Sponsor and \$250 for Gold Sponsor.

**To Register:** Please register online by clicking [here](#). Or from the Eventbrite.com website, click on “Find events” and search for “Kapp Lecture”. Silver and Gold sponsorship is also available online through the Eventbrite website. You can pay by credit card or if you prefer you can pay by check after clicking on “Show other payment options” on the registration page.

Make checks payable to “ASCE Metropolitan Section.” Submit your check at the registration table at the event or mail with printout of the completed form(s) to:

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Phone: 646-388-9577

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