

THE ASCE PITTSBURGH SECTION GEO-INSTITUTE CHAPTER PRESENTS

October 2015 Dinner Meeting

The Evolution of Specialty Geotechnical Construction Techniques: The “Great Leap” Theory

Presented By: *The 2015 Karl Terzaghi Lecturer DONALD A. BRUCE, Ph.D.,
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In historic literature, there is the “Great Man” theory, whereby history is reflected in the biographies of preeminent characters. In the more theoretical and academic branches of specialty geotechnical engineering, the theory holds with, of course, Prof. Terzaghi one of the heroic great men — a researcher, problem solver, and inspiration sans pareil. In contrast, in the branch of specialty geotechnical construction, technological advances occur principally through “Great Leaps” as opposed to steady and progressive evolution.

Six criteria must be satisfied in support of awarding “Great Leap” status, beginning with a project-specific challenge of unprecedented scope or complexity, and ending with a legacy document detailing and codifying the leap. These steps are illustrated by reference to developments in drilling and grouting; cutoffs for dams; Deep Mixing; and micropiles, all techniques in which the author has been intimately involved throughout his professional career as a researcher, contractor, educator and consultant.

Attendance at this technical presentation qualifies participants for 1.0 PDH

***DINNER RESERVATIONS ARE REQUIRED
PLEASE RSVP ON OR BEFORE Friday, October 23, 2015***

Reservations made and not honored will be invoiced.

Cancellations must be received by the RSVP deadline in order to qualify for a refund.

Date: **THURSDAY, OCTOBER 29, 2015**

Place: Pittsburgh Athletic Association
4215 Fifth Avenue
Pittsburgh, PA 15223

Time: 6:00 PM Social Hour
7:00 PM Dinner
8:00 PM Presentation

Cost: \$40 ASCE Pittsburgh Section Members
\$50 Non-members
\$10 Students

Entrée:
***Chicken Breast Romano
Herb Crusted North Atlantic Salmon
Veal Marsala
Grilled Vegetable and Portabello Stack***

***PLEASE RSVP ON OR BEFORE Friday,
October 23, 2015*** by contacting Ms. Sarah Missenda
with your meal choice at sjersey@gmail.com; or by
registering online at <http://www.asce-pgh.org/>.