



## The Geotechnical Technical Group Annual Full Day Seminar:

# FOUNDATIONS ON AND IN ROCK

Presented By

**Norman I. Norrish PE, P.Eng.**

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Consulting rock mechanics engineers with Wyllie and Norrish Rock Engineers  
and Crux Engineering Group, respectively

**May 19, 2015**

Foundations on and in rock are complex, as they are influenced by intact rock properties as well as the condition and orientation of discontinuities. This full day seminar will discuss the importance of understanding the geologic origin of a site, review basic structural geology concepts imperative to global stability, describe subsurface exploration, laboratory, and in-situ testing specific to rock, cover methods or sources to obtain typical and correlated rock parameters, discuss rock mass characterization and properties including Hoek and Brown and Mohr Coulomb failure criteria, illustrate methods to evaluate shallow foundations on rock and rock sockets, and identify geologic hazards. The course is intended for geotechnical engineers, foundation engineers, engineering geologists, and structural engineers.

**Date/Time:** Tuesday, May 19, 2015, 8:00 am – 5:00 pm, 7:30 am Registration

**Location:** Pantagis Renaissance (Snuffy's)

250 Park Ave.  
Scotch Plains, NJ  
908-322-7726

**Cost:**

Government Employees:	\$150 per person
Full Time Students:	\$150 per person
Early Registration:	\$275 per person (By 4/24/15)
Registration:	\$295 per person (After 4/24/15)

**Register:** By May 12, 2015 at <http://njb-fulldaygeotech2015.eventbrite.com>  
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Make checks payable to ASCE North Jersey Branch. If registered bring check to door or mail to: Laura Hazen, HNTB, 9 Entin Road, Suite 202, Parsippany, NJ 07054

**PDH Credit:** Up to **Six PDHs** pending approval.

**Includes:** Continental Breakfast, Buffet Lunch, two Coffee Breaks, & Seminar Proceedings