



The Virginia Geo-Institute Chapter of ASCE
presents

2025 GeoVirginia Short Course Geo Case Histories II

June 25, 2025
Smithfield, Virginia

www.GeoVirginia.org



COURSE SUMMARY

The Virginia Geo-Institute Chapter of ASCE is committed to providing premier educational opportunities to the Civil Engineering communities that we serve. The Geo Case Histories II Short Course represents that ethos and is a full day of comprehensive coverage of Geo Case Studies Design and Construction State of Practice.

Presentations will include case histories discussing performance or failure of retaining system, landslide stabilization, lateral load testing of drilled shafts, and construction challenges in karst and residual soils. The last presentation will be on the Life and Legacy of Karl Terzaghi, "father of soil mechanics".

PRICING:

Full Time Students, University Faculty, and Retired Professionals	FREE
Everyone Else	\$400

Full time student, university faculty, and retired status needs to be confirmed in order to be eligible for gratis registration.



Session Chair / Short Course Instructor

Sebastian Lobo-Guerrero, PhD, PE, BC.GE

Senior Geotechnical Engineer/Laboratory Manager
American Geotechnical & Environmental Services, Inc.



Short Course Instructor

Jesse Scarborough, PE, BC.DE

Senior Geotechnical Engineer
Specialized Engineering



Short Course Instructor

Ray Martin, PhD, PE

Owner
REM, LLC



Short Course Instructor

Morgan Eddy, PE

Vice President
Steele Foundation, LLC



Short Course Instructor

Bill Billiet, PE

Senior Vice President
Schnabel Engineering



2025 GEOVIRGINIA SHORT COURSE GEO CASE HISTORIES II PROGRAM – JUNE 25, 2025

7:00-8:00	Continental Breakfast & Networking	
8:00-9:00	Karst and Sinkholes	Jesse Scarborough
9:00-10:00	Changed Conditions in Residual Soil Stratigraphy	Ray Martin
10:00-10:15	Break	
10:15-11:15	Lessons from the Lateral Failure of a Nominally Sized Retention System	Morgan Eddy
11:15-12:15	Landslide Stabilization with Piles (I)	Sebastian Lobo-Guerrero
12:15-1:30	Lunch & Networking	
1:30-2:30	Landslide Stabilization with Piles (II)	Sebastian Lobo-Guerrero
2:30-3:30	Lateral Load Testing of Rock-Socketed Drilled Shafts at Dulles Airport	Bill Billiet
3:30-3:45	Break	
3:45-4:45	The Life and Legacy of Karl Terzaghi	Sebastian Lobo-Guerrero
4:45-5:30	Q&A Discussion Panel	All Instructors

(Program Subject to Modification)

Visit: www.GeoVirginia.org for information updates!

Visit: <https://www.eventbrite.com/e/2025-geo-case-histories-short-course-tickets-1299420384349?aff=oddttdtcreator> to register!

EVENT LOCATION

Smithfield Center

220 N. Church Street, Smithfield, VA 23430
(757) 356-9939

Ample free parking on site.

SELECTED LODGING OPTIONS (Lodging is NOT included in registration)

- Smithfield Station – Smithfield, VA
(757) 357-7700 www.smithfieldstation.com
- Smithfield Inn – Smithfield, VA
(757) 357-1752 www.smithfieldinn.net
- Hampton Inn – Smithfield, VA
(757) 365-4760 www.hamptoninn.com

