



The Virginia Geo-Institute Chapter of ASCE  
presents

# 2025 GeoVirginia Short Course Geo Case Histories III

June 26, 2025  
Smithfield, Virginia

[www.GeoVirginia.org](http://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 III 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, failure, or repair/rehabilitation of building foundations, retaining walls, slopes; support of excavation; and geotechnical challenges on a rail project.

## 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

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

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



### Short Course Instructor

**Rick Deschamps, PhD**

Vice President, Engineering  
Nicholson Construction Company



### Short Course Instructor

**Garry Boehlert, Esq.**

Partner  
Saul Ewing, LLP



### Short Course Instructor

**Tom Richards, PE, BC.GE**

Consultant  
Nicholson Construction Company



### Short Course Instructor

**Mary Ellen Bruce Large, PE, BC.GE**

Business Development Executive – Federal Markets  
Nicholson Construction Company



### Short Course Instructor

**Frederick Masse**

Vice President, Corporate Services  
Nicholson Construction Company



## 2025 GEOVIRGINIA SHORT COURSE

### GEO CASE HISTORIES III

### PROGRAM – JUNE 26, 2025

7:00-8:00	Continental Breakfast & Networking	
8:00-9:00	Remediation of Prairie du Sac Dam	Rich Deschamps
9:00-10:00	Rehabilitation of a Failing Anchored Retaining Wall	Tom Richards
10:00-10:15	Break	
10:15-11:15	Emergency Repair of Fountain Slide to Maintain CN Rail Service	Rich Deschamps
11:15-12:15	Micropiles - and the Project Engineer's Role	Mary Ellen Bruce Large
12:15-1:30	Lunch & Networking	
1:30-2:30	Pitt Rec Center - Repurposing an Existing Structure for New Support of Excavation	Frederic Masse
2:30-3:30	WTC Recovery	Tom Richards
3:30-3:45	Break	
3:45-4:45	Overcoming Geotechnical Engineering Challenges on Phase 2 of the Dulles Silver Line Metro Project	Garry Boehlert
4:45-5:30	Q&A Discussion Panel	All Instructors

(Program Subject to Modification)

Visit: [www.GeoVirginia.org](http://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](http://www.smithfieldstation.com)
- Smithfield Inn – Smithfield, VA  
(757) 357-1752 [www.smithfieldinn.net](http://www.smithfieldinn.net)
- Hampton Inn – Smithfield, VA  
(757) 365-4760 [www.hamptoninn.com](http://www.hamptoninn.com)

