



The Virginia Geo-Institute Chapter of ASCE  
presents

# 2025 GeoVirginia Short Course Geo Case Histories I

June 24, 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 I 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 building foundations, retaining walls, levees, and soil and waste fills; considerations in coal fly ash facility design; and development of an urban waterfront parcel.

## 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

**Timothy Stark, PhD, PE, BC.GE, Dist. M.ASCE**

Professor, Department of Civil & Environmental Engineering  
University of Illinois at Urbana-Champaign



### Short Course Instructor

**Peter Deming, PhD, PE**

Technical Specialist (Retired Principal)  
Mueser Rutledge Consulting Engineers



### Short Course Instructor

**Chris Hardin**

Principal Engineer  
TRC Companies



### Short Course Instructor

**Rudy Bonaparte, PhD, PE**

Senior Principal, Geosyntec Consultants & Professor-of-the-Practice, Georgia Tech



### Short Course Instructor

**Dave Kozera, PE**

Principal  
D.W. Kozera, Inc.



## 2025 GEOVIRGINIA SHORT COURSE GEO CASE HISTORIES I PROGRAM – JUNE 24, 2025

7:00-8:00	Continental Breakfast & Networking	
8:00-9:00	Global Retaining Wall Failure	Timothy Stark
9:00-10:00	Analysis and Stabilization of Failed Levee and Lowering of Two Active Gas Pipelines Lifted by the Global Rotation	Peter Deming
10:00-10:15	Break	
10:15-11:15	Settlement of Pile-Supported Millenium Tower	Timothy Stark
11:15-12:15	Measurement and Management of Porewater Pressure for Coal Fly ash Impoundment Stability and Containment	Chris Hardin
12:15-1:30	Lunch & Networking	
1:30-2:30	Housing Development Slope Failure with 8 Lessons Learned	Timothy Stark
2:30-3:30	Geotechnical Stability of Waste Fills - Lessons Learned and Continuing Challenges	Rudy Bonaparte
3:30-3:45	Break	
3:45-4:45	Conversion of a Derelict Urban Waterfront Parcel to a Global Headquarters Campus, from a Geotechnical Perspective	Dave Kozera
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)

