



The Virginia Geo-Institute Chapter of ASCE
presents

2025 GeoVirginia Short Course Instrumentation & Risk Mitigation

June 27, 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 Instrumentation and Risk Mitigation Short Course represents that ethos.

This course is led by nationally and internationally recognized leaders in the industry. This course will cover instrumentation methods, innovative instrumentation for site characterization, geotechnical risk management, incorporating risk in geotechnical reports, and the legal perspectives of engineering risk. This opportunity is not currently available anywhere else.

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

Roger Failmezger, PE, BC.GE, F.ASCE

President

In-Situ Soil Testing, LC



Short Course Instructor

Paul Thurlow

Vice President, Western Region
Geo-Instruments, Inc.



Short Course Instructor

Swapna Danda, PE

Regional Geotechnical
Engineer

Wiss, Janney, Elstner Associates, Inc.



Short Course Instructor

Gregory Fischer, PhD, PE, BC.GE, F.ASCE

President

Shannon & Wilson, Inc.



Short Course Instructor

Garry Boehlert, Esq.

Partner

Saul Ewing, LLP



2025 GEOVIRGINIA SHORT COURSE INSTRUMENTATION AND RISK MANAGEMENT PROGRAM – JUNE 27, 2025

7:00-8:00	Continental Breakfast & Networking	
8:00-9:15	Instrumentation & Monitoring – Structures & Mining	Paul Thurlow
9:15-10:00	Instrumentation: Design, Performance & Value Engineering	Paul Thurlow
10:00-10:15	Break	
10:45-11:30	Bringing the SPT into the 21st Century with Instrumentation	Roger Failmezger
11:30-12:15	Panel Discussion	All Instructors
12:15-1:15	Lunch & Networking	
1:15-2:00	Managing Geotechnical Engineering Risks	Swapna Danda
2:00-3:00	Geotechnical Design Method Quantifying Risk	Roger Failmezger
3:00-3:15	Break	
3:15-4:00	Explaining Risk in Our Geotechnical Engineering Reports	Gregory Fischer
4:00-4:45	Legal Perspective of Engineering Risk	Garry Boehlert
4:45-5:30	Q&A Discussion Panel	All Instructors
5:30-5:40	Closing Remarks	

(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=oddttdcreator> 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

