



**GEO-CT 2023 Geotechnical Conference
Sheraton Hartford South
Rocky Hill, Connecticut
22 September 2023**



**GEO-
INSTITUTE**
Connecticut Valley
Chapter

The Fall 2023 GEO-CT conference presents aspects of geotechnics in transportation, applications of innovative technologies, case studies, and more. Seven New York State PDHs will be offered.

Questions and discussion will follow each presentation.

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| 6:30 AM - 7:30 AM | Exhibitor Setup
<i>Nutmeg Ballroom</i> |
| 7:00 AM - 8:05 AM | Full Breakfast & Registration
<i>Lobby</i> |
| 7:55 AM - 8:05 AM | Welcome, Announcements, and Opening Remarks
<i>Grand Ballroom</i> |
| 8:05 AM – 9:10 AM | Geotechnical Challenges for the Future of Transportation
Silas Nichols, P.E. of FHWA |
| 9:10 AM - 9:45 AM | Morning Break with Exhibitors and Refreshments |
| 9:45 AM - 10:30 AM | Addressing Foundation Challenges with Ductile Iron Piles
Brendan FitzPatrick, P.E. of DuroTerra |
| 10:30 AM – 11:30 PM | Measuring While Drilling (MWD) for Geotechnical Site Investigation
Anahita Modiriasari, Ph.D. of WSP USA and Benjamin Rivers, P.E. of FHWA |
| 11:30 PM - 12:40 PM | Lunch with Exhibitors
<i>Nutmeg Ballroom</i> |
| 12:40 PM - 1:30 PM | Accelerated Bridge Construction in Challenging Geology:
Veranda Street Bridge Replacement
Joseph Juzwin, P.E. and Joseph Zwetchkenbaum, P.E., ENV SP of HNTB |
| 1:30 PM - 2:30 PM | Construction Challenges of Inclined Micro-Piles for Rehabilitation of Henry Hudson Bridge
Ryan Kalleberg, P.E., DBIA of TBTA, Ziad AlAawar, Ph.D., P.E. and Mangtao (Monty) Du, P.E., of WSP USA |
| 2:30 PM – 2:50 PM | Afternoon Break with Exhibitors
<i>Nutmeg Ballroom</i> |
| 2:50 PM – 3:40 PM | Case Studies in Excessive Settlement
Kirk Roberts and Brian Bucek, P.E. of CJGeo Contractors |
| 3:40 PM – 4:30 PM | I-95 Emergency Rebuild using Ultra-Lightweight Foamed Glass Aggregate
Archie Filshill, Ph.D., ENV SP of Aero Aggregates of North America |
| 4:30 PM | Closing Remarks |
| 4:30 PM – 6:30 PM | Networking Reception with Drinks and Refreshments
<i>Nutmeg Ballroom</i> |