



GEO-CT 2024 Geotechnical Conference
Sheraton Hartford South
Rocky Hill, Connecticut
27 September 2024



**GEO-
INSTITUTE**
**Connecticut Valley
Chapter**

Geo-Connecticut 2024 presents a variety of topics, including ground improvement, deep foundations, using emerging technology for geotechnical monitoring, case studies, and more. Seven New York State PDH's 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> |
| 7:30 AM - 8:00 AM | Breakfast & Registration
<i>Lobby and Nutmeg Ballroom</i> |
| 8:00 AM - 8:10 AM | Welcome, Announcements, and Opening Remarks
<i>Grand Ballroom</i> |
| 8:10 AM – 8:45 AM | Rigid Inclusions: A Spectrum of Applicability
Sonia Sorabella Swift, P.E., Menard USA |
| 8:45 AM – 9:20 AM | Interpretation and Evaluation of Thermal Integrity Profiling Measurements
Seth Robertson, Ph.D., P.E., GRL Engineers |
| 9:20 AM - 10:00 AM | Morning Break with Exhibitors and Refreshments
<i>Nutmeg Ballroom</i> |
| 10:00 AM - 10:40 AM | Rammed Aggregate Pier® Elements for Liquefaction Abatement
Brian Metcalfe, P.E., GEOPIER - A Division of CMC |
| 10:40 AM – 11:20 AM | Managing Unstable Road Slopes Through Data-Driven Risk Assessment
David Brogan, P.E., GeoStabilization International |
| 11:20 AM - 12:00 PM | Using Drone Imagery to Monitor Total and Differential Settlement at Landfills
Cassandra Champagne, M.S.E., University of New Haven |
| 12:00 PM - 1:00 PM | Lunch with Exhibitors + Student Poster Session (12:30 PM – 1:00 PM)
<i>Nutmeg Ballroom + Lobby</i> |
| 1:00 PM - 1:30 PM | Route 1&9T/New Road Case Study
Sonia Sorabella Swift, P.E., Menard USA and Robert Wyman, Menard USA |
| 1:35 PM - 2:10 PM | Design and Installation of Drilled Micropiles to Renovate Historical MIT Residence Hall
Kurt Amidon, P.E., Phoenix Foundation Company |
| 2:10 PM – 2:45 PM | Design Considerations and Quality Assurance in Drilled Deep Foundation Re-Use
Seth Robertson, Ph.D., P.E., GRL Engineers and Alex Ciccone, P.E., KELLER |
| 2:45 PM – 3:10 PM | Afternoon Break with Exhibitors + Student Poster Session (2:45 PM – 3:00 PM)
<i>Nutmeg Ballroom + Lobby</i> |
| 3:10 PM - 3:45 PM | Goin' Deep at Fenway: High-Capacity Micro-Piles Support Air-Rights Project
Kurt Amidon, P.E., and Bob Tonning, P.E., Phoenix Foundation Company |
| 3:45 PM – 4:40 PM | Passive Force-Deflection Behavior of Skewed Bridge Foundations from Large-Scale Tests
Kyle Rollins, Ph.D., Brigham Young University |
| 4:40 PM | Closing Remarks & PDH Processing |
| 4:45 PM – 6:00 PM | Networking Reception with Drinks and Refreshments
<i>Nutmeg Ballroom</i> |