

A Training Course on Ground Improvement Methods

Presented by Jerry DiMaggio at Rutgers CAIT, this course will outline the best practices for dealing with poor ground conditions at the job site.

October 21 & 22, 2019

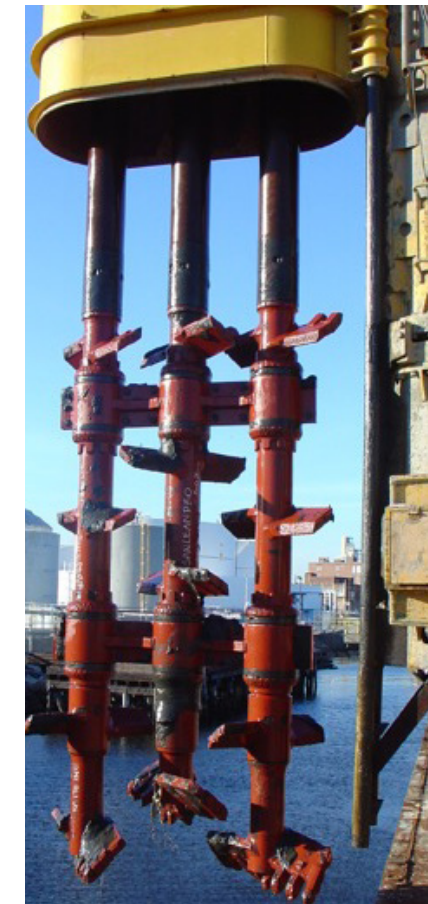
Location CAIT Auditorium, 100 Brett Road Piscataway, NJ, 08854

Registration To register visit www.cait.rutgers.edu/event/gims
or Contact Ryan Stiesi at rps118@soe.rutgers.edu

Cost \$625

>> cait.rutgers.edu

JAFEC USA



Jerry A. DiMaggio, a Senior Principal Civil Engineer and Associate at Applied Research Associates, Inc., will demonstrate more than 50 modern ground improvement methods that can be used in various forms of urban construction.

October 21

- 8:30-8:45 Introduction, Learning Outcomes, and Course Overview
- 8:45-9:30 Introduction to Ground Improvement Methods
- 9:30-10:15 Soil and Rock Parameters
- 10:15-10:45 Break
- 10:45-12:00 GeoTech Tools
- 12:00-1:00 Lunch
- 1:00-2:00 Prefabricated Vertical Drains
- 2:00-2:30 Lightweight Fill Materials
- 2:30-3:00 Break
- 3:00-4:15 Mechanically Stabilized Earth Wall and Reinforced Soil Slopes
- 4:15-5:00 Discussion and Day 1 Summary

October 22

- 8:30-9:30 Soil Nailing
- 9:30-10:00 Dynamic Compaction and Vibro Compaction
- 10:00-10:30 Break
- 10:30-11:00 Grouting Techniques and Applications
- 11:00-12:00 Load Transfer Platforms
- 12:00-1:00 Lunch
- 1:00-2:30 Stone Columns, Geopiers, Controlled, Modulus Columns
- 2:30-3:00 Break
- 3:00-4:00 Deep Soil Mixing
- 4:00-4:45 Grouting Techniques and Applications (Cont.)
- 4:45-5:15 Course Summary and Adjournment



Cooperating Organization: DFI

