

DFI-India 2018: November 15-17, 2018

8th Conference on Deep Foundation Technologies for Infrastructure Development in India

IIT Gandhinagar, Gujarat, India | www.dfi.org/india2018



**DFI India 2018: 8th Conference on Deep Foundation Technologies for Infrastructure Development in India
November 15, 2018 - November 17, 2018
IIT Gandhinagar, Gujarat, India**

Ground Improvement Techniques - Column Supported Embankments and Soil Mixing Workshop

Thursday, November 15, 2018

8:30 to 9:00 AM

Registration

9:00 to 9:15 AM

Introductions and Course Outcomes

Mary Ellen Large, P.E., D.GE, Deep Foundations Institute

Brief introduction of DFI and an overview of the course contents and learning objectives.

9:15 to 10:30 AM

Introduction to Ground Improvement Technologies

Antonio Marinucci, Ph.D., P.E., MBA

Overview of ground improvement technologies including drainage, densification and reinforcement technologies, including description of technique, suitable soil conditions, applications and materials.

10:30 to 11:00 AM

Networking Break

11:00 AM to 12:30 PM

Column Supported Embankments

Jim Collin, Ph.D., P.E., The Collin Group

Current practice in column support embankments covering site investigation, design, construction methods and materials, costs, contracting methods, specifications, inspection and verification.

12:30 to 1:30 PM

Networking Lunch

1:30 PM to 3:00 PM

Deep Mixing and Mass Stabilization

Silas Nichols, P.E., Slohcin Solutions

Current practice in deep mixing and mass stabilization covering site investigation, design, construction methods and materials, costs, contracting methods, specifications, inspection and verification.

3:00 to 3:30 PM

Networking Break

3:30 to 5:00 PM

Procurement and Risk Management

All Speakers

Contractual and risk management information related to procuring and executing ground improvement technologies, including draft specifications (performance versus prescriptive (method) specifications), acceptance criteria and expectations, procurement vehicles, guidance on acceptance, types of monitoring and verification testing.

5:00 to 5:30 PM

GeoTechTools

Description of the free web-based technology selection and guidance system and geotechnology catalog. The system helps users make better informed and innovative decisions with geotechnologies.

5:30 to 6:00 PM

Questions/Answers/Panel Discussion