



# DFI 2019 Middle East Conference

Sponsored by Roads and Transport Authority (RTA)

Geotechnical  
Engineering For  
Delivering Sustainable,  
Cost-Effective Projects

22, 23, 24 January 2019 | RTA HQ in Dubai, UAE



## CALL FOR ABSTRACTS

22, 23, 24 January 2019  
Roads and Transport  
Authority (RTA) HQ in  
Dubai, UAE

**The abstract  
submission deadline is  
extended thru  
22 November 2018**

Authors may submit abstracts online at  
[www.dfi.org/MEC2019](http://www.dfi.org/MEC2019)

**Deep Foundations Institute  
(DFI) Middle East is delighted  
to announce its 4<sup>th</sup> Conference  
on “Geotechnical Engineering  
for Delivering Sustainable,  
Cost Effective Projects”**

The DFI Middle East Conference is the region’s leading technical conference in the field of foundation engineering. The fourth edition of the conference provides an opportunity for the region’s geotechnical engineering practitioners, academics, and suppliers to exchange information and present the latest developments in the field of foundation design and construction. Co-sponsored by the DFI and Dubai RTA, this year’s conference builds upon the success of DFIMEC 2012, 2014 and 2016 and promises to provide a top-quality forum.

## CONFERENCE TECHNICAL THEMES

### Session 1: Ground Characterization

- Rule of high-quality drilling and sampling methods
- Investigations for slope stability studies
- Advances and applications of in-situ testing methods
- Geophysics for characterization of geotechnical properties
- Specialist laboratory tests: value and applications

### Session 2: Ground Improvement

- Advances and applications of deep ground improvement techniques for: liquefaction mitigation of man-made fills
- Stabilization and enhancement of foundation capacity, seepage control / cut off structures, deep soil mixing and potential applications in the area

### Session 3: Geotechnical Software and Information Systems

- Advances in geotechnical software applications
- Value and applications of information systems in geotechnical fields.

### Session 4: Deep Foundation 1: Design Methods

- Shoring for deep excavations
- Sustainable construction: permanent shoring systems
- Earth Structures: MSE walls, soil nailing: design and construction challenges.

### Session 5: Deep Foundation 2: Construction and Case Histories

- Design and construction of drilled piles
- Pile loading tests and quality control
- Dewatering of deep excavations
- Soil–structure interaction studies
- Instrumentation and monitoring as a design and QC tool

### IMPORTANT DATES

Abstract submission deadline: **22 November 2018**  
Notification of acceptance: **6 December 2018**  
Presentation submission: **3 January 2019**