

PROGRAM DESCRIPTION

The annual geotechnical seminar provides a forum for the presentation of a wide variety of geotechnical field, design, and construction-related topics. This year we are honored to have as presenters:

Mr. Silas Nichols, Dr. Paul Mayne, Mr. John France, Mr. Emad Farouz, Dr. Bernardo Castellanos, Mr. Ryan Berg, Mr. Tom Strauss and Mr. Tommy Russum.

Please join us for what promises to be an interesting and informative program. A certificate verifying 7.5 Professional Development Hours will be provided to registered attendees.

WHO SHOULD ATTEND

All professionals who are involved in geotechnical exploration, design, construction, or observation.

This would include:

- Engineers/Geologists
- University Instructors
- Technicians/Contractors

INFORMATION

ADMISSION to the seminar is by registration. To ensure admission, complete the registration process early. To register, go to www.neasce.org/conferences and click on the GeoOmaha registration link.

REGISTRATION FEE is \$175.00 on or before February 4, 2019, \$195.00 after this date. Full time students pay \$25.00. Proceeds benefit the ASCE funded Peck/Benak Engineering Achievement Scholarship, Future City Competition, and the local ASCE Student Sections.

THE REGISTRATION FEE covers coffee breaks, lunch and handout material.

REFUNDS will be made if the conference is canceled or if the applicant cancels no later than five working days prior to the conference date.

SPONSORED BY:

AMERICAN SOCIETY OF CIVIL ENGINEERS,
NEBRASKA SECTION

IN COOPERATION WITH:

UNIVERSITY OF NEBRASKA
DEPARTMENT OF CIVIL ENGINEERING
AND THE COLLEGE OF ENGINEERING

36th ANNUAL GEOTECHNICAL SEMINAR

GEO-Omaha 2019

FEBRUARY 8, 2019
SCOTT CONFERENCE CENTER
6450 PINE STREET
OMAHA, NEBRASKA

PLANNING COMMITTEE:

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UNIVERSITY OF NEBRASKA LINCOLN

TOM STRAUSS, P.E.
ISG & ASSOCIATERS





REGISTRATION FOR ANNUAL GEOTECHNICAL SEMINAR

GEO-Omaha 2019

DATE: FRIDAY, FEBRUARY 8, 2019

Registration is now online: Please go to www.neasce.org/conferences and click on the GeoOmaha registration link.

Registration fee is \$175.00 on or before February 4, 2019, \$195.00 after this date. Full time students pay \$25.00. Proceeds benefit the ASCE funded Peck/Benak Engineering Achievement Scholarship, the Future City Competition, and the local ASCE Student Sections.

GEOTECHNICAL SHORT COURSE

TOPIC: LRFD-Based MSE Wall Design

**DATE: Thursday, FEBRUARY 7, 2019
8:15 am to 5:15 pm**

**Location: Scott Conference Center,
Omaha, NE**

Speakers: Mr. Ryan Berg, P.E. D.GE

Registration is now online: Please go to www.neasce.org/conferences and click on the Short Course registration link.

Registration fee is \$145.00 on or before February 1, 2019, \$155.00 after this date.



PRESENTS:

36th ANNUAL GEOTECHNICAL SEMINAR GEO-Omaha 2019

FEBRUARY 8, 2019

**SCOTT CONFERENCE CENTER
6450 PINE STREET
OMAHA, NEBRASKA**

MORNING SESSION

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|---------------|--|
| 7:30 - 8:00 | Registration |
| 8:00 - 8:15 | Welcome Address
Dr. Aemal Khattak, PhD., P.E.
Dept. of Civil Engineering Interim Chair
University of Nebraska - Lincoln |
| 8:15 - 9:20 | “Design and Construction Issue With
Large Diameter Foundation Elements”
Mr. Silas Nichols, P.E.
FHWA – Principal Geotech. Engr. |
| 9:30 - 10:30 | “Direct CPT Methods for Shallow and
Deep Foundations”
Dr. Paul Mayne, PhD, P.E,
Georgia Tech, Atlanta, GA |
| 10:30 - 11:00 | Break/Vendor Displays |
| 11:00 - 12:00 | “The 2017 Oroville Dam Spillway
Incident - What Happened and What
Should We Learn”
Mr. John France, P.E., D.GE, D.WRE |
| 12:00 - 1:00 | Lunch/Vendor Displays |

AFTERNOON SESSION

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| 1:00- 1:50 | “Design and Construction of Drilled
Shafts for Council Bluffs Interstate
System Project”
Mr. Emad Farouz, P.E., D.GE
Jacobs, Herndon, VA |
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| 2:00 - 3:00 | “Use and Measurement of Fully
Softened Shear Strength in Engineering
Practice”
Dr. Bernardo Castellanos, PhD
Virginia Tech |
| 3:00 - 3:30 | Break/Vendor Displays |
| 3:30 - 4:15 | “Key Lessons Learned - Design &
Construction of MSE Wall Structures”
Mr. Ryan Berg, P.E., D.GE
Ryan R. Berg & Associates, Inc. |
| 4:15 - 5:00 | “Engineering and Design Case Studies
Expanding Structural Polymer Injection
System”
Mr. Tom Strauss, P.E., ISG & Associates
Mr. Tommy Russum,
Peerless Construction Grouting, Inc. |

VENDOR DISPLAYS

A display of products, equipment and services associated with the geotechnical, drilling, and construction industries will be provided by vendors and consultants. A variety of products and information on professional services will be presented. Firms that currently plan to attend include:

- ♦ Alfred Benesch & Company* (Break sponsor only)
- ♦ A.S.P. Enterprises
- ♦ Atlas Foundation Company
- ♦ Berkel & Company Contractors, Inc.*
- ♦ Durham Geo/Slope Indicator
- ♦ Geoprobe Systems
- ♦ Ground Improvement Engineering*
- ♦ Hayward Baker*
- ♦ Helitech*
- ♦ Humboldt
- ♦ HDR Engineering, Inc.* (Break sponsor only)
- ♦ ISG & Associates/ Peerless Construction Grouting*
- ♦ Kiewit Foundation Group
- ♦ LB Foster
- ♦ Menard Group USA
- ♦ Nicholson Construction Company*
- ♦ Olsson Associates* (Break sponsor only)
- ♦ The Schemmer Associates, Inc.* (Break sponsor only)
- ♦ Shannon & Wilson*
- ♦ Subsurface Constructors, Inc.*
- ♦ Tensar
- ♦ Terracon* (Break sponsor only)
- ♦ Thiele Geotech, Inc.* (Break sponsor only)
- ♦ Williams Form Engineering Corp.

* - Special Thanks to our Refreshment Break Sponsors!