

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 Tim Stark, Navid Jafari, Don Green, Steven Saye, James Heusel, Matthew Cushman, Theresa Stromberg-Murphy, and Rodney Kirkland. 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 and click on the GeoOmaha registration link.

REGISTRATION FEE is \$175.00 on or before February 6, 2017, \$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

34th ANNUAL GEOTECHNICAL SEMINAR

GEO-Omaha 2017

FEBRUARY 10, 2017
SCOTT CONFERENCE CENTER
OMAHA, NEBRASKA

LOCATION

The Scott Conference Center is located at 6450 Pine Street, on the University of Nebraska Omaha AKSARBEN campus, in Omaha, Nebraska. Travel directions and an area map are available online at www.scott-center.com. Complimentary parking is provided in Lot 9, directly across the street from the Scott Center.

PLANNING COMMITTEE:

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GEOTECHNICAL SEMINAR
DEPARTMENT OF CIVIL ENGINEERING
UNIVERSITY OF NEBRASKA
OMAHA, NEBRASKA 68182





**REGISTRATION FOR ANNUAL
GEOTECHNICAL SEMINAR**
GEO-Omaha 2017

DATE: FRIDAY, FEBRUARY 10, 2017

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PRESENTS:

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SEMINAR
GEO-Omaha 2017**

**FEBRUARY 10, 2017
SCOTT CONFERENCE CENTER
OMAHA, NEBRASKA**

MORNING SESSION

7:30 - 8:00	Registration
8:00 - 8:15	Welcome Address Dr. Daniel Linzell, Ph.D., P.E. Dept. of Civil Engineering Chair University of Nebraska - Lincoln
8:15 - 8:30	ASCE Nebraska Section Centennial
8:30 - 9:30	“Non-invasive Monitoring and Performance of Railway Track and Transitions” Dr. Tim Stark, PhD, PE University of Illinois, Urbana-Champaign, IL
9:30 - 10:00	Break/Vendor Displays
10:00 - 11:00	“Scour and Erosion of the Inner Harbor Navigational Canal Floodwall During Hurricane Katrina: Impacts to Resiliency” Dr. Navid Jafari, PhD, Louisiana State University, Baton Rouge, LA
11:00 - 12:00	“Buckled Piling at I-43 Leo Frigo Memorial Bridge” Don Green, PE Michael Baker International Pittsburgh, PA
12:00 - 1:00	Lunch/Vendor Displays (NEASCE Geotech Scholarship Award)

AFTERNOON SESSION

1:00- 1:45	“Effective Practices for Geotechnical and Foundation Engineering in Design-Build” Steven Saye, PE, Kiewit Engineering Group Inc., Omaha, NE
1:45 - 2:30	“Military Airfield Pavements Design Overview from Design to Construction” James Heusel P.E, US Army Corps of Engineers – Transportation System Center
2:30 – 3:00	Break/Vendor Displays
3:00 - 4:00	“Design & Construction of Expanded Polystyrene Fills in Western Iowa” Matthew D. Cushman, PE and Theresa M. Stromberg-Murphy, PE Terracon Consultants, Inc.
4:00 – 4:45	“Omaha South Interceptor Force Main: Overcoming Project Challenges with Tunnels” Rodney Kirkland, PE HDR, Inc., Omaha, NE

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
- ◆ GeoStabilization International*
- ◆ Ground Improvement Engineering*
- ◆ Hanes Geo Components
- ◆ Hayes Drilling* (Break sponsor only)
- ◆ Hayward Baker
- ◆ Humboldt
- ◆ HDR Engineering, Inc.* (Break sponsor only)
- ◆ Midwest Foundation Systems, LLC
- ◆ Nicholson Construction Company
- ◆ Olsson Associates* (Break sponsor only)
- ◆ Pier Masters
- ◆ The Schemmer Associates, Inc.* (Break sponsor only)
- ◆ Shannon and Wilson
- ◆ Subsurface Constructors, Inc.*
- ◆ Tensar
- ◆ Terracon* (Break sponsor only)
- ◆ Thiele Geotech, Inc.* (Break sponsor only)

* - Special Thanks to our Refreshment Break Sponsors!