

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 Bengt Fellenius, Sri Sriharan, Timothy Stark, Emad Farouz, Ching Tsai, Vern Schaefer, Caleb Douglas and Jordan Larsen. 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 on or after January 1, 2014 and click on the GeoOmaha registration link.

REGISTRATION FEE is \$170.00 on or before February 3, 2014, \$190.00 after this date. Full time students pay \$25.00. Proceeds benefit the ASCE funded Peck/Benak Engineering Achievement Scholarship, Future City Competition, and local ASCE Student Section.

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 AND
TECHNOLOGY

31st ANNUAL GEOTECHNICAL SEMINAR

GEO-Omaha 2014

FEBRUARY 7, 2014
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:

BRIAN HAVENS, PE (CHAIRMAN)
HDR ENGINEERING, INC.

BILL ARNESON, PE
MAINELLI WAGNER & ASSOCIATES

LORAS KLOSTERMANN, PE
THE SCHEMMER ASSOCIATES, INC.

BRYAN KUMM, PE AND JOHN CHRISTIANSEN, PE
HDR ENGINEERING, INC.

DEANNA BAKER, PE
GROUND IMPROVEMENT ENGINEERING

ED PROST, PE
TERRACON

STEVE SAYE, PE
KIEWIT ENGINEERING COMPANY

ED SCHNACKENBERG, PE
OLSSON ASSOCIATES, INC.

TOM STRAUSS, PE
ISG & ASSOCIATES

JOHN PULS, PE
KIEWIT ENGINEERING

JOHN ROHDE, PhD, PE
UNIVERSITY OF NEBRASKA DEPT OF CIVIL ENG

MARK LINDEMANN, PE AND JORDAN LARSEN, PE
NEBRASKA DEPARTMENT OF ROADS

KRISTLE BEAUDET, EI
THIELE GEOTECH

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





Nebraska Section

PRESENTS:

31st ANNUAL GEOTECHNICAL SEMINAR GEO-Omaha 2014

FEBRUARY 7, 2014
SCOTT CONFERENCE CENTER
OMAHA, NEBRASKA

MORNING SESSION

7:30 - 8:00	Registration, Scott Conference Center
8:00 - 8:15	Welcome Address, John Rohde, PhD, PE
8:15 - 9:45	“Two Case Histories of Analysis of Results of Static Loading Tests on Instrumented Piles Greatly Influenced by Residual Load – Sandpoint Idaho and Singapore Skyway” Bengt Fellenius, Dr. Tech., P.Eng Bengt Fellenius Consultants Inc.
9:45 – 10:15	Break/Vendor Displays
10:15-11:15	“Louisiana DOTD’s Foundation Design Practice Using CPT” Ching Tsai, PhD, PE Louisiana Department of Transportation and Development
11:15 - 12:00	“Council Bluffs Interstate System Ground Improvement Approach” Emad Farouz, PE CH2M Hill
12:00 - 1:00	Lunch/Vendor Displays

REGISTRATION FOR ANNUAL GEOTECHNICAL SEMINAR

GEO-Omaha 2014

DATE: FRIDAY, FEBRUARY 7, 2014

Registration is now online: Please go to www.neasce.org on or after January 1, 2014 and click on the GeoOmaha registration link.

Registration fee is \$170.00 on or before February 3, 2014, \$190.00 after this date. Full time students pay \$25.00. Proceeds benefit the ASCE funded Peck/Benak Engineering Achievement Scholarship, the Future City Competition, and local ASCE Student Section.

AFTERNOON SESSION

1:00 - 2:00	“Seismic Retrofit of Tuttle Creek Dam in Manhattan, Kansas” Timothy Stark, PhD, PE, D.GE University of Illinois at Urbana-Champaign
2:00 - 3:00	“Efficient LRFD Procedures for Design and Construction of Bridge Piles” Sri Sritharan, PhD Iowa State University
3:00 – 3:30	Break/Vendor Displays
3:30 – 4:00	“Development of LRFD Field Pile Driving Equation for Nebraska Department of Roads” Jordan Larsen, PE Nebraska Department of Roads
4:00 - 4:45	“GeoTechTools: An Alternatives Analysis Tool” Vern Schaefer, PhD, PE Iowa State University Caleb Douglas, PhD, PE Union Pacific Railroad

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:

- ♦ ASP Enterprises
- ♦ Berkel&Company*
- ♦ Checkmate Geosynthetics
- ♦ Geotechnology
- ♦ Ground Improvement Engineering*
- ♦ Hayes Drilling*
- ♦ HDR Engineering, Inc.* (Break sponsor only)
- ♦ Humboldt
- ♦ KC Piermasters*
- ♦ L.B. Foster
- ♦ Olsson Associates* (Break sponsor only)
- ♦ Lumbermen’s
- ♦ Subsurface Constructors*
- ♦ Tensar*
- ♦ Terracon* (Break sponsor only)
- ♦ The Schemmer Associates*
- ♦ Thiele Geotech* (Break sponsor only)
- ♦ Thrasher Basement Systems*
- ♦ Uretek*

* - Special Thanks to our Refreshment Break Sponsors!