

EVENT CALENDAR:

February

16th -Geotechnical
Technical Group Meeting

17th -Geotechnical
Seminar

ISSUE HIGHLIGHTS:

February Meeting
Information

January Water Resources
Technical Group Meeting

Younger Member Group
Call for Volunteers

Region 7 Continuing
Education Seminars and
Workshops

Annual Geotechnical
Seminar (GEO-Omaha)

February Meeting

February 2012

The Geotechnical Technical Group Presents:

The 2011 Omaha Airport Flood Fight

Thursday, February 16th, 2012

Presenters: Brian Linnan, URS Corporation - Overland Park, KS
Francke Walberg, URS Corporation - Overland Park, KS
Tyler Buford, Kiewit Corporation - Omaha, NE

The 2011 flood was a major news item for Eastern Nebraska and Western Iowa. Kiewit Corporation lead the efforts of hundreds of people and numerous engineering firms and contractors in the summer of 2011 to fight the Missouri River and keep the Omaha Airport safe, dry, and operational during the unprecedented flood event. URS Corporation was the lead geotechnical engineer developing the technical aspects of the flood fighting approach.

Brian, Francke, and Tyler will discuss the emergency response developed for the flood fight, the mobilization and management of resources, the geotechnical aspects of the flood fight, and the technical responses developed and implemented to address issues including underseepage, sand boils, sink holes, and surface flooding.

Location: Anthony's Steakhouse
7220 F Street
Omaha, NE 68127

Times: Social (Cash Bar) 5:30 - 6:30 p.m.
Dinner 6:30 - 7:30 p.m.
Meeting and Presentation 7:30 p.m.

Menu: Baked Salmon
Chop Loin Marsala
Top Sirloin

Price: All meals with presentation \$20 per person. Spouses and guests are welcome.
ASCE Student Members: Free

Please pay at the door by check or cash only. A receipt will be given upon request.
Sign-up at: www.neasce.org/meal_signup/

RSVP by 12:00 p.m. on Tuesday, February 14th.

Deadline for articles to be published in the March-
newsletter will be March 2nd. Email articles to Greg
Seib at editor@neasce.org

2011-2012 NE-ASCE OFFICERS

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Daren Konda, P.E., M.ASCE
Thompson, Dreesen & Dorner, Inc.
(V) 402-330-8860
president@neasce.org

President-Elect

Shannon DeVivo
president-elect@neasce.org

Past President

Aaron Buettner, P.E., M.ASCE
Alfred Benesch & Co.
past-president@neasce.org

Region 7 Assembly Rep.

John Hill, P.E., M.ASCE
Lamp Rynearson & Associates
(V) 402-496-2498
region7rep@neasce.org

Treasurer

Mike Skelnar, P.E., M.ASCE
Nebraska Department of Roads
(V) 402-617-1464
treasurer@neasce.org

Director

Marie Stamm, P.E., M.ASCE
The Schemmer Associates, Inc.
(V) 402-493-4800
director1@neasce.org

Director

Tom Strauss, P.E., M.ASCE
ISG & Associates, Inc.
(V) 402-201-4109
director2@neasce.org

January Water Resources Group Meeting

Thanks to the Water Resources Group for hosting the January meeting. The list below may be considered official documentation of attendance at the January 19th, 2012 meeting worth 1 PDH credit.

John Hill	Jim Heinke	Ted Weidner
Aaron Buettner	John Engel	Joe Flaxbeard
Loras Klostermann	Randy Graham	Greg Seib
Mark Nelson	Laurie Carrette Zook	Pat Engelbert
Matt McConville	Simone Rock	John Cambridge
Tom Franti	Daren Konda	Vicki Twerdochilb
Rick Wilson	Steve Nickel	Tom Strauss

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ASCE Younger Member Group Call for Volunteers

The Younger Member Group is coordinating volunteer opportunities in the area of student and university outreach and we need your help. Upcoming opportunities include:

Benson High School Career and College Day, March 15th

- o The event runs from 7:30 AM to 11:00 AM. Depending on the number of volunteers interested, we would like to split up this time into one and two hour shifts.

Mid-Continent Student Conference Geotechnical Competition (UNL is the host school), April 20th

- o The UNL Student Chapter needs at least one more judge for the Geotechnical Competition.
- o The competition consists of designing, building and testing a mechanically stabilized earth retention wall made of a combination of poster board, paper and tape.

Mid-Continent Student Conference Technical Paper Competition (UNL is the host school), April 20th


- o The UNL Student Chapter needs two or three judges for the Technical Paper Competition.
- o This year's topic is "Ethics and Globalization."

If you are interested in volunteering or would like additional information on any of these events, please email Andres Torres (andres.torres@valmont.com) or Joe Flaxbeard (joe.flaxbeard@lra-inc.com). Feel free to invite non-ASCE members who would like to volunteer as well.

Don't forget to "LIKE" us on Facebook.
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ASCE Region 7 Continuing Education Seminars and Workshops

ASCE Geographic Services is pleased to provide you with a list of upcoming Continuing Education seminars and workshops scheduled in your geographic area. These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department.

The Region 7 schedule, and the complete Winter 2011 – Spring 2012 Continuing Education schedule (as well as the Summer – Fall 2011 schedule) have been placed under the "Links" tab on the ASCE Region 7 website.

TECHNICAL DIVISION	DATE	LOCATION	SEMINAR/WORKSHOP
Structural	January 19-20, 2012	St. Louis, MO	Structural Condition Assessment of Existing Structures
Structural	March 15-16, 2012	Denver, CO	Design of Lateral Force Resisting Systems Using the 2009 International Building Code
Transportation/Highways	March 21-23, 2012	St. Louis, MO	Techniques for Pavement Rehabilitation
Geotechnical	March 29-30, 2012	Denver, CO	Design and Installation of Buried Pipes

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Annual Geotechnical Seminar (GEO-Omaha 2012)

The ASCE Nebraska Section presents the 29th Annual Geotechnical Seminar. 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 Ray Wood, Tom Sabourin, John Puls, Brian Linnan, Francke Walberg, Jim Sheahan, Steve Wendland, Lok Sharma, and Ed Prost. 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.

Date: February 17th, 2012

Location: Scott Conference Center

6450 Pine Street

Omaha, Nebraska

Admission to the seminar is by registration. To register, go to www.neasce.org and click on the GeoOmaha registration link. Registration fee is \$160.00 on or before February 9, 2012, \$180.00 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.

Morning Session

- | | |
|-------------|---|
| 7:30-8:00 | Registration |
| 8:00-8:15 | Welcome Address, John Rohde, PhD, PE |
| 8:15-9:15 | "Managing Geotechnical Uncertainty into Effective Project Risk Reduction"
Ray Wood, C Eng
Fugro Consultants, Inc. |
| 9:15-10:00 | "Construction and Performance of a Cellular Cofferdam in Northern Ontario"
Tom Sabourin, P Eng
and John Puls, EI,
Kiewit Engineering Company |
| 10:00-10:30 | Break/Vendor Displays |
| 10:30-11:45 | "Optimizing Deep Foundation Design Using Ostergerg Cell Static Load Testing"
Ray Wood, C Eng
Fugro Consultants, Inc. |
| 11:45-12:45 | Lunch/Vendor Displays |



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Annual Geotechnical Seminar (Continued)

Afternoon Session

- 12:45-1:30 "2011 Flood Fight at Eppley Airfield"
 Brian Linnan, PE
 and Francke Walberg, PE
 URS Corporation
- 1:30-2:30 "Landslide Impacts and Repairs in Eastern Ohio Due to Hurricane-Related Storms"
 Jim Sheahan, PE
 HDR Engineering, Inc.
- 2:30-3:00 Break/Vendor Displays
- 3:00-3:45 "When Retaining Walls Fail: The Lessons Learned"
 Steve Wendland, PE
 Kleinfelder
- 3:45-4:30 "Design Challenges of I-80 Soil Nail Wall"
 Lok Sharma, PE
 and Ed Prost, PE
 Terracon Consultants



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The Nebraska Civil Engineer

c/o Greg Seib

Olsson Associates

1111 Lincoln Mall, Suite 111

Lincoln, Nebraska 68508

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*For underwriting information,
contact
Mike Naccarato,
Fundraising
Chair, at
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