

The Nebraska Civil

Engineer



Official Publication of the Nebraska Section of the American Society of Civil Engineers

Calendar of Events:

February:

- 16 - Geotechnical Group Meeting, Caniglia's Venice Inn, Omaha
- 17 - 23rd Annual Geotechnical Seminar, Scott Conference Center, Omaha
- 23 - E-Week Banquet, Cascio's Steak House, Omaha
- 25 - Annual Truss Bustin' Competition, Westroads Mall

March:

Environmental Group Meeting

Highlights of this Issue:

Balsa Wood Truss Bustin' Contest being held this month

2006 Electrical Transmission Conference, Birmingham, Alabama

Austin Branch ASCE Younger Members Forum

2006 Structures Congress, St. Louis

Deadline for articles to be published in the March Newsletter will be Friday, March 3rd. Email articles to Aaron Grote at editor@neasce.org

The Geotechnical Group Presents:

"A View of Civil Engineering as Portrayed in Postage Stamps"
Thursday, February 16th

Featuring: Dr. Fred H. Kulhawy, P.E., G.E.,
Professor of Civil / Geotechnical Engineering
Cornell University, Ithaca, NY

This light and lively talk will highlight a variety of Civil Engineering issues and how they have been depicted in postage stamps. The talk is illustrated profusely with stamps commemorating engineering events, engineering projects, and famous engineers, along with a few interesting additional issues. This presentation has no equations and heavy technical detail. Instead, it is geared to general interests on the subject.

Professor Kulhawy has been on the teaching / research staff at the New Jersey Institute of Technology, the University of California at Berkeley, Syracuse University, and Cornell University, and he has been a Visiting Professor at the University of Cambridge. He has been at Cornell since 1976 and has led the Geotechnical Engineering Group since 1977.

Location: Caniglia's Venice Inn

6920 Pacific Street, Omaha

Times: Social Hour 5:30 - 6:30
Dinner 6:30 - 7:30
Presentation 7:30 - 9:00

Menu: Prime Rib \$21.00,
Baked Halibut Steak \$21.00,
Chicken Parmesan \$18.00

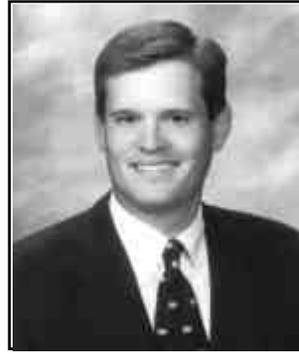
Spouses and Guests welcome

RSVP by 12 PM Monday, February 13 th
TO DEB 402.330.2202 OR
VP@NEASCE.ORG SUBJECT LINE: ASCE RSVP

*Prices include tax and gratuity.
Portions of the proceeds will go towards hosting our speaker.*

From the President

- Steve Kathol, P.E., S.E.



Steve Kathol, P.E., S.E.
NE-ASCE President

Greetings ASCE Nebraska Section members!

Thank you to Eric Dove and the Water Resources Group for hosting the January meeting in Lincoln. The meeting, held at Othmer Hall with the UNL students, was a great success. Ms. Ann Bleed, Acting Director of the Nebraska Department of Natural Resources, gave an interesting presentation on integrated management of surface and ground water. She discussed the State's proactive approach to managing water resources, and the challenges faced by the Department of Natural Resources and local Natural Resource Districts in preserving fully appropriated water basins.

Engineer's Week will be celebrated February 19-25th. Look for the ASCE-Nebraska Section advertisement in the E-Week Supplement of the Omaha World Herald on Sunday, February 19th. The Annual E-Week banquet will be held at Cascio's Steak House in Omaha on Thursday, February 23rd. Mr. Martin Shukert will be the guest speaker. The annual Truss Bustin' Competition with area high school students will be held on February 25th, from 1-4 p.m. at Westroads Mall. Please stop by and witness the amazing load capacity of these balsa wood trusses.

The February meeting will be hosted by the Geotechnical Group at Caniglia's Venice Inn. Dr. Fred Kulhway, P.E., Professor/Cornell University will give a presentation on "A View of Civil Engineering as Portrayed in Postage Stamps". I hope to see you all there. The annual Geotechnical Seminar will be held on Friday, February 17th, at the Scott Conference Center. It promises to be another successful event.

Finally, I would like to thank all of the many volunteers who have worked hard this year for ASCE. Your time and effort is instrumental in achieving the goals of the Nebraska Section.

Steve D. Kathol, P.E., S.E.
President, ASCE- Nebraska Section

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2006 Zone Leadership Conferences

The Zone IV and II Leadership Conferences in Salt Lake City, UT and Tampa, FL, respectfully, were a great success. We are looking forward to similar success at the upcoming Conferences this month. The dates are as follows:

Zone I - Boston, MA; February 10-12

Zone III - Houston, TX; February 17-19

Check out the Younger Members Website
www.neasce.org click on "younger members"

Put a Spotlight on Your Favorite Project!

If you'd like to see your project in an upcoming NE-ASCE Newsletter, please send articles and pictures to: editor@neasce.org

Spotlights will be 1- 2 pages as space permits. Companies supporting the NE-ASCE Newsletter will be given precedence, but any company with ASCE members may participate.

Become a Mentor

Girls and Boys Town is offering the rewarding opportunity of being a mentor. Many students need one-on-one help with math, ranging from basic math through algebra.

Most mentors at Girls and Boys Town mentor 1 hour a week during school hours.

For more information, contact **Chris Hyvonen** at 402.498.3041.

STAY CONNECTED - www.neasce.org
"The NE-ASCE Website has been redesigned to provide more timely and useful information. "

2006 Electrical Transmission Conference Structural Reliability in a Changing World

Birmingham, Alabama
October 15- 19, 2006

The 2006 Electrical Transmission Conference will provide a forum for transmission and substation engineers to exchange ideas and philosophies, while providing new engineers with the opportunity to learn more about the art and science of transmission line engineering.

The Conference will be held over 3 days with a single track of sessions so that you will not miss a single presentation! Each session—a total of 9 sessions in all—will consist of 3 to 4 presentations with sufficient time scheduled for questions and discussion. The receptions and breaks will provide you a great opportunity to network with your colleagues and visit with the exhibitors.

Hotel and Conference Registration is now open. Visit the website at www.asce.org/conferences/sei06/ for details.

Balsa Wood Truss Contest

Plan on attending the Balsa Wood Truss Busting contest during Engineers Week at the Westroad Mall area leading to Von Maur on Saturday February 25, 2006 starting at 1:00 PM. The contest is for metro area high school students. Requirements are given to build a truss out of 1/4-inch balsa wood that will be loaded to failure at the Mall. The trusses will be judged on practicality of design and its load to weight ratio. Monetary gifts and framed certificates will be given to the top three finishers in the contest. Come out to see the student's route for their schools participants and enjoy the creative designs developed by the high school students. For any question contact Bruce Harris W (221-4440) H (498-0296)



Birmingham, Alabama
October 15 - 19, 2006 Electrical Transmission Conference

Structural Reliability in a Changing World

Austin Branch ASCE Younger Members Forum

Lately, Austin, Texas has a lot to brag about. Aside from the small achievements, like being the home of the current NCAA championship football team, holding the nickname "Live Music Capital of the World", and serving as the primary residence and training ground for the seven-time Tour de France champion Lance Armstrong, Austin now offers its greatest achievement in history. Well, at least among young civil engineers. The ASCE Austin Branch is excited, and perhaps a little proud, to announce the inauguration of the Austin Branch ASCE Younger Members Forum (YMF).

Since its inception in September, 2005, the YMF has been a little busy. After establishing a board of directors and several committee chairs, the YMF kicked off the fiscal year with a bang. In October, a golf tournament was organized to fundraise for both the Branch and the YMF. Several technical tours are scheduled for the forum, one of which was held in November, at a reinforced concrete pre-casting plant. The YMF will sponsor a local West Point Bridge Competition this spring for local high school students with engineering aspirations. Also this spring, the YMF will organized a PE review course, aimed at preparing engineers-in-training for the Principals and Practice of Engineering examination offered in April.

Of course, they'll also continue to offer the old time favorite monthly networking happy hours at local pubs! Perhaps the greatest achievement, however, is their commitment to establish a solid mentorship with the University of Texas' ASCE Student Chapter. The YMF has designated a committee to act as a liaison for this mentorship and solid lines of communication and support are now in place.

2006 Structures Congress

Plan now to join us in St. Louis, MO May 18-21, 2006. The Congress theme this year is "Structural Engineering and Public Safety." Offering a variety of informative technical and business and practice sessions, including tentative plans for a special overview of Hurricane Katrina and workshops on Risk Management for the individual professional. This Congress will have something for everyone. A portion of the program will be presented as the Analysis & Computation Specialty Conference, which will highlight recent research concerning theory, practice and application of all forms of computation related to the analysis and design of engineering structures. The Adams Mark Hotel on-line reservation system is now open! For further information **visit:** <http://www.asce.org/conferences/structures2006>.

2006 GeoCongress

Join us in Atlanta, GA, February 26 - March 1, 2006. The objectives of the 2006 Geo-Congress are to (a) showcase recent advancements in all geo-applications as a result of the adoption of information technologies; (b) debate future opportunities for the geo- industry that can result from even more widespread adoption of information technologies; and (c) bring together participants from a broad range of groups within the geo- community. For further information visit: <http://www.asce.org/conferences/geocongress06>.



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NE-ASCE News

October Meeting Hosted by the Water Resources Group

Thanks to Eric Dove for hosting the January Meeting. Ann Bleed gave an excellent presentation on Legislative Bill 962.

The names listed below can be considered official documentation of attendances at the October meeting worth 1 PDH credit.

Ryan Beckman
 Aaron Buettner
 Paul Dierking
 Eric Dove
 Pat Engelbert
 John Hill
 Dave Johnson
 Steve Kathol
 Loras Klostermann
 Daren Konda

Guy Lindeman
 Lindsay Madsen
 Marie Maly
 Tom Mamik
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 Mike Shlenar
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The Nebraska Civil Engineer
 February 5 2006



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