



ASCE American Society of Civil Engineers

WISCONSIN SECTION NEWSLETTER

November 2004

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PRESIDENT'S MESSAGE

November greetings from the Wisconsin Section of ASCE!

It was great to see such a good turnout at our Wisconsin Section Annual Meeting. Hosted by the Southwest and Northwest Branches, the meeting was held on September 24th at the Chula Vista resort in the wooded suburbs of Wisconsin Dells. With interesting presentations, awards, and over 180 people on hand, the event was a great success.

Mr. William Empson of the US Army Corps of Engineers gave a firsthand account of his experiences in Iraq evaluating dams and water control structures throughout that country. And National ASCE Vice President Bob Thorn traveled from Kansas to address the conference attendees on national ASCE issues. The UW-Madison's national champion concrete canoe team displayed their handsome craft near the registration area. Casual observers were amazed at the workmanship and smooth surface of the canoe, and a passing hydraulic engineer remarked that its Manning "n" value must be about 0.0075. Can this really be concrete? Indeed it was.

Many thanks are in order for our 2004 annual meeting committee. Chaired by the unflappable Mr. Jon Lindert, the committee also included Bill Wuellner, Larry Ryan, Mark Meyers, Andy Schaeve, Jan Kucher, Kim Hansen, Rich Schneider, Jim Tinjum and Russ Fish. Over the past year, the committee convened almost monthly for dinner at the Grumpy Troll Pub and Brewery in Mt. Horeb, Wisconsin. Being neither grumpy nor troll-like, the committee cooked up a great event and had some fun along the way. Thanks also to John Burgan, who organized the awards program, and to the many speakers and technical committee chairs who made it all happen.

I'd also like to thank our outgoing Wisconsin Section president, Mr. Tim Bate, for his faithful leadership of the section this past year. I am very pleased that Tim remains on the board as past-president this year. We will all continue to benefit from his wise counsel, his knowledge of ASCE national and sectional activities, and his enthusi-



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asm for our society.

Looking ahead, mark your calendars for the ASCE Spring Technical Conference to be held on Friday, March 10, 2005 in Oconomowoc. Mr. Jeff Gerbensky and his committee are planning the event on behalf of the Southeast Branch. Another item of interest is the 13th Great Lakes Geotechnical and Geo-Environmental Conference to be held in Milwaukee on May 13, 2005. Watch for more details on both events.

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President's Message

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Other current items of interest at the section board include a discussion of professional registration requirements in Wisconsin, a presentation from Engineers Without Borders, and discussion of a future electronic section newsletter. Based on a recent survey of our section's membership, a preference to provide an electronic version was indicated, and our current and past newsletter editors, Mr. Mark Mathu and Mr. Steve Peterson, are looking into ways to make this happen.

Civil engineering is a diverse profession composed of many different business and specialty areas. Our ASCE Wisconsin Section has over 2,000 members, including consulting engineers, owners, constructors, product manufacturers, students, faculty members, and other professionals. What ties us together is that we are all part of a people-serving profession – and one that makes a difference in the daily lives of millions of people. The diligent and creative work of civil and environmental engineers continues to help provide clean water, safe structures, efficient cities, and a better physical environment for large numbers of people. It is a high calling, and I'd like to congratulate you all on being a part of it.

ASCE is your professional organization, and your input is always appreciated. Feel free to contact me or any board member with your suggestions and ideas for our society. We are also still looking for volunteers for some of our committees, including our public relations committee and our nominations committee. Please contact me if you are interested in serving.

Wishing you a healthy and successful balance of 2004.

Sincerely,

Ned W. Paschke
President, Wisconsin Section ASCE

***Mark your calendars for the
2005 Spring Technical Conference
Thursday afternoon, March 10, 2005
Olympia Resort, Oconomowoc, Wis.***

2005 DANIEL W. MEAD CONTEST FOR YOUNGER MEMBERS

The **Daniel W. Mead Prize** for Younger Members was established in 1939 to honor the memory and accomplishments of the 67th President of the American Society of Civil Engineers. The talents of many of the leaders of the profession were first recognized in previous contests for this significant professional honor. The current contest provides an opportunity for alert young civil engineers to further their professional development and gain national attention.

The paper must be written on:

"Is it ethical to use an engineering software program to solve a problem if you cannot complete the calculations manually?"

By January 3, 2005, two copies of the paper must be submitted to: James A. Buggs, ASCE Wisconsin Section Secretary, c/o Ruekert & Mielke Inc., W233 N2080 Ridgeview Parkway, Waukesha WI 53188-1020. Questions should be directed to Ned Paschke at (608) 273-6380 or ned.paschke@meadhunt.com.

Four Wisconsin Section members have been awarded the national Mead Prize: Donald Buettner (1967), Glenn Koepp (1976), D. Michael Mucha (1994) and Julie Hoppe (2001).

RULES:

1. Papers for the national contests are limited to one paper from each Section or Branch; not to exceed 2,000 words in length; written by only one person; and not previously published in other than school or Society publications.
2. Younger members who are in good standing at the time their papers are submitted are eligible, unless they have previously received the national Daniel W. Mead Prize. For the purpose of this prize, younger members are defined as associate members or members 35 years of age or less on February 1 in the year of the award.
3. Younger member papers are judged by the Committee on Younger Members. The committee may nominate a winner from each of the

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REAL WORLD CLASSROOM CREATES FUTURE ENGINEERS THROUGH *ENGINEERS WITHOUT BORDERS*

Engineers Without Borders - USA (EWB-USA) is a relatively new organization that partners with disadvantaged communities to improve their quality of life through implementation of environmentally and economically sustainable engineering projects, while developing internationally responsible engineering students. EWB-USA's vision is as a project coordination, funding, supervision and documentation organization that links university engineering schools with project opportunities, primarily in the developing world. Recently, ASCE and EWB-USA signed a Memorandum of Understanding recognizing that a partnership would assist both organizations in accomplishing their goals.

The **Wisconsin Professional Partners Chapter** of EWB-USA is in the process of being formed - and they need your help! The Wisconsin Professional Partners Chapter will assist university student chapters in Wisconsin and surrounding states. The primary assistance will be through finding mentors for the student's projects. Mentors will work with the students in scoping out projects, reviewing the technical designs and they may also participate in site assessment or construction trips. All engineering disciplines are welcome to join and are needed. In fact non-engineering members are also welcome!

Members of the WPP Chapter have already assisted students at Marquette University and Michigan Technological University with several projects. The Chapter is also starting to work with the University of Wisconsin-Madison on potential projects.

The Marquette University program in Guatemala includes student design teams for a river crossing, a wastewater treatment system for a small community and a new school. Marquette University is also investigating a community center project in El Salvador.

The Michigan Tech projects include wastewater treatment systems for schools, community flood control projects, site and drainage design for schools and drinking water testing and treatment.

For more information, check out the EWB-USA website at www.ewb-usa.org, or contact Mike Paddock at mpaddock@ch2m.com.

The next chapter meeting of the Wisconsin Professional Partners will be Tuesday, November 9, 2004 - 6:00 p.m. at R.A. Smith & Associates, 16745 W. Bluemound Road, Brookfield, Wis. (near Milwaukee).

[The editor apologizes if this newsletter does not arrive in time for the meeting. Please contact Mike Paddock for information on future meetings.]



Marquette University Senior Design Team in Guatemala.



Michigan Tech School site in Bolivia.

VISIT THE WEBSITE

The ASCE Wisconsin Section website offers a wealth of information about our section. Current events, newsletters, contacts, email addresses, board meeting minutes, and much more are waiting for you.

Check us out at:

http://sections.asce.org/wisconsin/wi_asce.html

GREAT LAKES GEOTECHNICAL AND GEO-ENVIRONMENTAL CONFERENCE

Friday, May 13, 2005

University of Wisconsin-Milwaukee

*Organized by
GLGGC Planning Committee
American Society of Civil Engineers Wisconsin Section
University of Wisconsin-Milwaukee
Wisconsin Department of Transportation
Milwaukee Transportation Partners (HNTB and CH2M Hill)*



The ASCE Wisconsin Section is pleased to help with sponsoring the **13th Great Lakes Geotechnical and Geo-Environmental Conference**. The conference series was created to promote technical geotechnical exchange between researchers and practitioners on geotechnical and geoenvironmental topics relevant to the Great Lakes region. This highly populated and industrialized area of North America has always posed great challenges to geotechnical engineers, in part due to the unique surface and subsurface soil conditions resulting from glaciations during the Pleistocene Epoch.

In this 13th conference the steering committee has chosen to address the roll of geotechnical engineering in transportation infrastructure. The conference is intended to be a forum for discussion of the latest advances in geotechnical engineering applications for transportation infrastructure including earth retaining structures, deep foundations, and geotechnical /pavement engineering.

The conference planning committee is working to have the conference proceedings published by ASCE Geo Institute as a Geotechnical Practice Publication. In order to have the proceedings ready by the conference date, please note the following deadlines:

November 30, 2004	Submission of abstracts
December 10, 2004	Acceptance of abstracts
January 14, 2005	Submission of papers
February 1, 2005	Reviews sent to authors
February 14, 2005	Final acceptance of papers

For more information, contact Hani Titi at hanititi@uwm.edu. This newsletter will carry more details as the conference draws near.

UPDATE YOUR E-MAIL ADDRESS!

The ASCE Wisconsin Section is studying converting the bi-monthly newsletter to an electronic format delivered via e-mail. In order to fully study the change we request that you keep ASCE informed of your current membership information. You can do-it-yourself at www.asce.org/myprofile or call (800)548-2723.

Also, if you have comments or ideas about converting this newsletter to an electronic format, please call me at (414)359-2310 -- I'd like to hear your comments.

Thank you.

Mark Mathu
Newsletter Editor

FUTURE CITY NEEDS JUDGES

The **National Engineers Week Future City Competition**, which each year invites 7th- and 8th-graders across the U.S. to create a city of tomorrow, is requesting engineer volunteers to judge at the regional competition to be held at the Milwaukee Area Technical College on Tuesday, December 14, 2004, 3 - 6 p.m..

Future City encourages interest in math, science and engineering through hands-on applications. The competition reaches more than 30,000 students in one thousand schools nationwide. For more information, contact Terese Dressel at (414) 297-7251 or dresselt@matc.edu or visit www.futurecity.org.

BRANCH AND YMG OFFICERS 2004 - 2005

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 Secretary _____ Uriah J. Wolfe
 Treasurer _____ Kevin G. Wood
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 Director _____ Nancy A. Froggatt
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 Past President _____ Russell O. Fish
 Director _____ M. Patrick Bailey
 Director _____ Art E. Johnston

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 Secretary/Treasurer _____ Jon H. Lindert
 Past President _____ William W. Wuellner
 Director _____ Joseph R. Jirsa
 Director _____ Derek W. Johnson
 Director _____ Bart P. Nies

Younger Member Group

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 Vice President _____ Elizabeth Lorentz
 Secretary _____ Ryan P. Callahan
 Treasurer _____ Justin M. Arndt
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 Director (membership) _____ Jeffrey C. Gerbensky
 Director (student chapters) _____ Matthew J. Laufer

TECHNICAL COMMITTEE CHAIRS 2004 - 2005

Construction _____ Robert Schmitt
 (608) 342-1239
schmitro@uwplatt.edu

Environmental _____ Jennifer Shelton
 (608) 833-5555 x213
jshelton@lbgmad.com

Geotechnical _____ William Butler
 920-468-1978
butler@stsltd.com

Management _____ Harry Farchmin
 (414) 291-5100
farchminhj@cdm.com

Structural _____ Bob Schumacher
 (414) 259-1500
bob.schumacher@gasai.com

Urban Planning & Transportation
 Julie Hoppe
 (262)790-0232

Water Resources & Hydraulics
 Tom Chapman
 (414) 225-2154
tchapman@mmsd.com

STANDING COMMITTEE CHAIRS 2004 - 2005

Annual Meeting _____	Michelle Snyder (920) 496-0500 <i>michelle.snyder@meadhunt.com</i> John W. Meyers (920)433-4957 <i>jmyers1@wpsr.com</i>	Newsletter _____	Mark Mathu (414) 359-2300 <i>mmathu@hntb.com</i>
Awards _____	John Burgan (414) 359-2300 <i>jburgan@hntb.com</i>	Nominations _____	<i>open</i>
Budget & Finance _____	William Butler (920) 468-1978 <i>butler@stsltd.com</i>	Past President Council	Tim Bate (414) 225-2156 <i>tbate@mmsd.com</i>
Engineering Education / Professional Development	Rolf Killingstad (608)-827-0653	Public Affairs _____	Chris Mallon (608) 222-9406 <i>cmallon@rvtcorp.com</i>
History & Heritage _____	Ken Koscik (608) 222-9513 <i>kkoscik@tds.net</i>	Public Relations _____	Mark Mathu (414) 359-2300 <i>mmathu@hntb.com</i>
Jury of Judges _____	Tim Bate (414) 225-2156 <i>tbate@mmsd.com</i>	Spring Technical Conference	Jeff Gerbensky (262) 200-2015 <i>jgerbensky@pabstfarms.com</i>
Membership _____	Randy Videkovich (414) 225-5100 <i>randy.videkovich@earthtech.com</i>	Webmaster _____	Marty Hanson (715) 834-3161 <i>hansonm@ayresassociates.com</i>
		Yearbook _____	Steve Peterson (920) 451-2536 <i>steve.peterson@earthtech.com</i>

STUDENT CHAPTERS 2004 - 2005

Marquette University

Faculty Advisor _____ Dr. James Crovetti
Practitioner Advisor _____ Anthony M. Raab
Practitioner Advisor _____ Robert Bryson

Milwaukee School of Engineering (MSOE)

Faculty Advisor _____ Dr. Richard DeVries
Practitioner Advisor _____ Lori L. Rosenthal
Matt J. Laufer

University of Wisconsin - Madison

Faculty Advisor _____ Dr. Hussain Bahia
Practitioner Advisor _____ Andrew C. Schaeve
James M. Tinjum

University of Wisconsin - Milwaukee

Faculty Advisor _____ Dr. Chris Papadopoulos
Practitioner Advisor _____ Greg B. Schroeder

University of Wisconsin - Platteville

Faculty Advisor _____ Dr. Philip Parker
Practitioner Advisor _____ Daniel J. Dreessens

WIN A PLAMSA TV FROM ASCE!

Renew your ASCE membership early for chances to win great prizes!

Renew online by:

- **December 1** for a chance to win an Apple iPod.
- **December 13** for a chance to win a 42-inch plasma television.

You may also return your hard copy renewal form for entries into the December 1 prize drawings. You will be entered into all applicable prize drawings that follow your renewal date - so the earlier you renew, the more chances you have to win!

Renew online at www.asce.org/renewal.

ASCE-SPONSORED MEMBER BENEFITS

Call the numbers below to learn more about the ASCE member benefits programs. When calling, identify yourself as a member of the American Society of Civil Engineers.

Marsh Affinity Group Services

Life and Health Plans _____ (800) 650-2723
 Small Business Group Plan _____ (800) 321-1998
 Professional Liability _____ (800) 435-7931
 Financial Services _____ (800) 806-7016

MBNA America

MBNA Business Card _____ (800) 598-8791
 MBNA Credit Card _____ (800) 847-7378
 MBNA Investor Services _____ (800) 345-0397

GEICO Auto Insurance

GEICO Preferred provides a membership discount rate to qualified applicants of up to 15% off auto insurance with the following discounts: Multi-Car, 50-Plus, 5-Year Good Driver, Air Bag, Anti-Lock Brake, and Anti-Theft. _____ (800) 368-2734

Hertz Car Rental Programs

Save 5-15% on daily and weekly rates. Free upgrades are available during special promotions. Identify yourself as an ASCE member and use the identification number next to the telephone number.

Alamo _____ (800) 354-2322
 BY255668
 Avis _____ (800) 225-7094
 A/A 654800
 Hertz _____ (800) 654-2210
 11381

DHL Partner Savings Program

ASCE has partnered with DHL to bring members a full suite of domestic and international shipping services. _____ 1-800-636-2377

Mead Contest

(Continued from page 2)

four Zones and the International Membership of the Society and, of these, one may be designated as the national winner. The nomination shall be presented to the Council of Vice Presidents for final action during their meetings in July.

4. The winners in each Zone receive certificates. The national winner receives a certificate and plaque. The paper written by the national winner is published in Civil Engineering Magazine.



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November 2004 Newsletter

Addressed to an Important ASCE Member

c/o: Mark P. Mathu, P.E.
HNTB Corporation
11414 W. Park Place, Suite 300
Milwaukee, WI 53224

Southeast Branch Meetings

November 11 Dinner meeting with ACI at Bavarian Wurst Haus in Milwaukee (Northwest Side Relief Sewer)
December 16 Lunch meeting with ESM in Milwaukee (Pier Wisconsin)
January 27 * Dinner meeting in Milwaukee
February No meeting
March 10 Spring Technical Conference at Olympia Resort, Oconomowoc

Fox River Valley Branch Meetings

November 18 Joint meeting with WSPE in Green Bay
January 18 Green Bay
February 16 Joint meeting with ACI in Sheboygan / southern area
March 10 Spring Technical Conference at Olympia Resort, Oconomowoc

Southwest Branch Meetings

November 18 Joint Meeting with UW-Platteville Student Chapter in Dodgeville (Forensic and Structural Engineering)
December Lunch meeting at Essen Haus
January Lunch meeting at Great Dane in Fitchburg
February Joint meeting with WSPE
March 10 Spring Technical Conference at Olympia Resort, Oconomowoc

Northwest Branch Meetings

TBA
March 10 Spring Technical Conference at Olympia Resort, Oconomowoc

* tentative dates