



ASCE American Society of Civil Engineers

WISCONSIN SECTION NEWSLETTER November 2000

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President's Message

I'm writing these notes while in flight on a DC-10 bound for the ASCE National Conference in Seattle. Why am I going to this conference? Well, for those of you who were not at the Section's annual meeting in September, the Wisconsin Section has won the Zone III award for Outstanding Large Section. This is the second consecutive year that our Section has won this award, and I proudly represented the Section in receiving this award. Let's review some of the reasons why our Section won this award, then let's look ahead to the 2000-2001 year.

The Section annually allots over \$1,600 to the five student chapters for scholarships. The student chapters at UW-Madison, UW-Milwaukee, UW-Platteville, Milwaukee School of Engineering and Marquette University are all very active with their own programs and events. An additional \$2,500 is allocated to the Branches to support their individual scholarship programs. A testament to the activities of the student chapters is that the University of Wisconsin-Madison student chapter has been selected to host the 150th Anniversary ASCE National Student Convention in the summer of 2002. (You'll be hearing and reading much more about this major event.)

The Section has four active Branches, each with their own program of activities and newsletters.



As a service to the membership, the Section provides three major items:

- 1) The Annual Meeting held each September
- 2) The Spring Technical Conference, held each March
- 3) A Newsletter (5 times/year) and a Web Site

The Section received \$3,600 in State Public Affairs Grants (SPAG) and Merit Grants from ASCE National to support the Wisconsin Engineers Legislative Cabinet. This past year, the Legislative Cabinet monitored over 70 bills affecting engineers in Wisconsin.

The Section has an annual awards program to recognize outstanding individuals and outstanding projects in the State of Wisconsin.

The Section provides wonderful opportunities for technical advancement through the activities of the Technical Committees. The Technical Committees provide programs on a variety of topics at the Annual Meeting and at the Spring Technical Conference.

(continued from page 1)

So, as I begin my term as the 77th President, I have the following five goals:

- 1) Continue the award-winning performance of the Section, with our established programs and services
- 2) Place a much higher emphasis on our awards program, for individuals and for projects
- 3) Participate in at least one meeting of each Student Chapter within the Section
- 4) Participate in at least one meeting of each Student Chapter within the Section
- 5) Chair the Committee of "Champions" for the 150th Anniversary Celebration, scheduled to start in October next year and continue through 2002. Incidentally, how many of you watched some or all of the five "Building Big" programs televised on PBS in October?

In conclusion, I'd like to congratulate Peggy Hawley for successfully completing her term as the first woman president of the Section, and look forward to her guidance and advice on the Section Board. Peggy, you did a great job as leader of the Section.

I'd also like to thank Ziad Salameh and his committee for an outstanding job in arranging and conducting the Annual Meeting at the Midwest Express Convention Center in Milwaukee.

I look forward to the challenges of serving as your President for 2000-2001. Please feel free to contact me at (414) 359-2300 or by e-mail at dberry@hntb.com

Darrell

District 8 Council Meeting Summary

On September 30th, Darrell Berry and Fred Groth attended the District 8 Council Meeting in Minneapolis. Attendees included Zone III Vice President Dennis Martenson, District Directors Jeff Russell and Mike Goodkind, new Zone III Administrator Michael Cook and representatives of each Section within District 8. Highlights of topics discussed are as follows:

1. Zone III Re-Districting: Current District structure will remain unchanged
2. ASCE National Board of Direction: Looking at how to reduce the size of the Board, currently 28 members. The Board will focus more on policies. Globalization and the Institutes are mega issues facing the Board.
3. Larry Roth is the new Assistant Executive Director. He was formerly chairman of the Geo-Institute, and will be Jim Davis' right-hand man.
4. 2006 Annual Conference: Chicago, St. Louis and San Antonio are the three cities under consideration from Zone III.
5. Task Committee on the Masters Degree as the First Professional Degree: A draft report is being prepared, and coordination is being done with other societies.
6. Life Member Service Fee: will be \$30, unless a voluntary contribution of at least \$30 is made to some other area. Alternative is to make a one-time payment of \$300.
7. Policy Statement 369: Fundamentals of Engineering Exam. Basic purpose is preparation for the PE exam and is not intended to be used for other purposes.
8. Institutes: A task force has been created to prepare a mission for current and future institutes. This mission will also include relationships with the Sections.
9. Michael Cook, from ASCE National Headquarters, is the new Zone III Administrator. He is in the geographic services division, which provides services to the Section, Branches and membership.
10. The Zone III Management and Student Leadership Conference will be held February 2-4, 2001 in Duluth, MN.
11. 150th Anniversary Celebration: A round-table discussion was held, with several Sections commenting on their plans. The Wisconsin Section is considering the following activities:
 - a) Sponsorship for the 2002 National Student Conference in Madison
 - b) Future cities sponsorship in 2001 and 2002
 - c) Banner to be displayed at Engineer's Week Banquet in Milwaukee
 - d) Full-page ad in WSPE newspaper in February 2002
12. Outreach to students: Discussed promoting civil engineering at the high school level, to encourage those students to pursue civil engineering in college.
13. New District 8 Director: G. Nicholas "Nick" Textor will be the new District 8 Director when Mike Goodkind completes his term on October 21, 2000. Nick works for Consoer Townsend / Envirodyne Engineers in Chicago. Jeff Russell also remains our second District 8 Director.



Wisconsin Section President Darrell Berry receiving "Outstanding Large Section" Award from National President Delon Hampton at the 2000 ASCE Annual Convention in Seattle

The Future Is Here!

The new Strategic Plan, "Building ASCE's Future," was reviewed and approved by the Board of Direction in July. The input received from members and staff during the past year helped the Strategic Planning Committee set the course for the Society for the next five years with the creation of the new Strategic Plan. The new Plan was officially released at the Annual Conference in Seattle. Action Plans will be produced each year to the Plan's run that will include activities for the Committees and Staff to work on in order to accomplish the Objectives of the Plan. The first year's Action Plan was presented to the Board of Direction for approval at its October meeting in Seattle.

To celebrate the debut of this new Strategic Plan, the Board Leadership Team will be sponsoring a contest for the Sections and Branches in 2001. The contest will ask each Section and Branch to describe how they have effectively implemented an activity that accomplished one of the four Strategic Goals (the Goals are: Develop Leadership, Advance Technology, Advocate Lifelong Learning and promote the Profession). An example of an activity to accomplish the "Develop Leadership" Goal might be to organize a leadership series that invites speakers to Section/Branch meetings to talk about leadership topics (i.e., communication skills, persuasive writing). The deadline for the contest will be September 1, 2001. The winner of the contest will be announced in the November 2001 issue of ASCE News. The contest winner will receive \$1000 to sponsor a similar program in 2002. The two runners-up will each receive \$500 for the same purpose. Contest entry forms with complete rules will be mailed to all Sections and Branches in February 2001 and will be available on the Society's web site beginning in February.

For information about the contest or to request a copy of the Strategic Planning video and/or 2001 Action Plan, please send an e-mail to strategicplanning@asce.org, or call Melissa Yekell, Manager, Strategic Planning at 800-548-2723, ext. 6294.

University of Minnesota 49th Annual Geotechnical Engineering Conference

The University of Minnesota 49th Annual Geotechnical Engineering Conference will be held on February 16, 2001. The conference typically attracts 180 engineering professionals who convene to hear practitioners and researchers discuss significant projects and current theories. The keynote address, named the Kersten Lecture in honor of Prof. Miles Kersten, will feature Prof. Fred Kulhawy of Cornell University. Other speakers will include Dr. Raymond L. Sterling, CETF Director of the Trenchless Technology Center at Louisiana Tech University, Mr. Alex Abraham of the Reinforced Earth Company, Dr. Michael Holloway of InSiTuTech, Prof. Vernon Schaeffer of South Dakota State University, and Dr. Allen Marr of GEOCOMP Corporation. Topics at the conference will cover shortcomings in deep foundation analysis and design, microtunneling, vacuum consolidation for soft soil improvement, the I-15 project, ground improvement, and innovations in field instrumentation. The winner of the Young Engineer Paper competition will also give a presentation. The conference will conclude with recent case histories presented during concurrent sessions. The program is posted at www.ce.umn.edu/mgs/conf.htm. Inquiries should be directed to Prof. Joseph F. Labuz at jlubuz@tc.umn.edu or 612-625-9060. The University of Minnesota 49th Annual Geotechnical Engineering Conference is co-sponsored by the Minnesota Geotechnical Society, the Minnesota section of ASCE, the Geo Institute of ASCE, and the Consulting Engineers Council of Minnesota.

150th National Student Convention - 2002

The University of Wisconsin - Madison in cooperation with the ASCE Southwest Branch, UW-Platteville, Marquette University, UW-Milwaukee and the Milwaukee School of Engineering is proud to announce the acceptance by ASCE National of the ASCE 150th Anniversary Student Celebration Proposal submitted this past Spring.

The events taking place during the conference include the concrete canoe and steel bridge competitions along with a leadership conference, job fair, history of ASCE and field trips. Over 1,200 students, professors and professionals are expected to take part in the conference.

Planning is already underway to reserve facilities, raise funds and organize activities. We hope professionals and students can work together in planning and executing this project for a successful conference. The tentative dates for the conference are June 21-25, 2002.

If you are interested in helping out with any aspect of this project, please contact Cora Nichols at ccnichol@students.wisc.edu

Volunteers are needed for: Job Fairs

- Fundraising
- Publicity
- Communications
- Facilities
- Housing and Meals
- Field Trips
- Transportation
- Liaisons
- Concrete Canoe
- Steel Bridge
- Leadership Conference
- History of ASCE
- Recreational Activities
- Open Competition
- On-Site Help

At this time, help is especially needed for fundraising, job fairs, concrete canoe, steel bridge, and the leadership conference.

UPDATE ONLINE

ASCE members can now update their membership information online. With a few clicks of the mouse, members can instantly update their personal information in the National database.

Visit www.asce.org for further information

Younger Member Awards Call For Nominations

The Committee on Younger Members (CYM) is actively soliciting nominations for the five younger member awards. The deadline for all award nominations is **February 1, 2001**. Candidates must be members of ASCE who are 35 years of age or less as of February 1, 2001.

The **DANIEL W. MEAD PRIZES** are awarded on the basis of a paper written on professional ethics. This year's topic is: "How Do You Build a Diversity Program for Civil Engineers in the Global Market of the 21st Century?"

The **EDMUND FRIEDMAN YOUNG ENGINEER AWARD** recognizes the professional contributions of Younger Members of the Society for service, technical competence, high character, integrity, and leadership.

The **YOUNG GOVERNMENT CIVIL ENGINEER AWARD** recognizes distinguished civil engineers employed in public service for demonstrated leadership potential in Public Service Engineering.

The **YOUNGER MEMBER GROUP AWARD** recognizes the most outstanding large and small Younger Member Groups in the Society.

The **COLLINGWOOD PRIZE** is awarded to the author(s) of a paper (1) describing an engineering work with which the author(s) have been directly connected, or (2) recording the investigations contributing to engineering knowledge to which the author(s) have contributed some essential part, and (3) containing a rational digest of results.

If you are interested obtaining additional detailed information and award nomination forms for any of these awards, please see our web page at www.asce.org/gsd/committees/cym, or contact Curtis Nunley at 1-800-548-ASCE.

Update On Legislative Cabinet

We have had a good, but uneventful year. We have tackled several bill/issues and monitored the status of several other bills. The CRP (Certified Remediation Professional) Bill never materialized. Thanks go to all the task members for volunteering. We would still like to keep the same task members for next year and would like to be pro-active with the DNR in the next coming months in resolving issues so we do not have a CRP bill introduced next year. I will keep you posted.

We are still looking for volunteers who would be available to assist in reviewing various future state legislative policy/bills. We want to be pro-active on legislative issues and help write and draft engineering policies/bills. If your area of expertise is one or more of the following areas, mainly environmental, structural, geotechnical, urban planning and transportation, water resources and hydraulics, construction or management, please contact a technical committee chairperson listed in the newsletter or Fred Groth at Ph: (608) 242-1550 or e-mail: fred.groth@gasai.com.

ASCE Spring Technical Conference

The ASCE Wisconsin Section will be holding its Spring Technical Conference in March on 2001. The branch host is the Fox River Valley Branch. The Technical Committees are soliciting abstracts for presentations during the conference. Two (2) to three (3) abstracts will be selected by each technical committee for presentations at the Conference. Your abstracts should be forwarded to the appropriate technical committee by January 26, 2001. Abstracts selected will be notified by February 9, 2001. Should you have any questions, please feel free to contact:

Steve Peterson, P.E.
Earth Tech
4135 Technology Parkway
Sheboygan, WI 53083
Phone: (920) 451-2536
Fax: (920) 458-0537
steve_peterson@earthtech.com

2000 ASCE Section Awards Competition

Its never too early to begin thinking about the annual ASCE Wisconsin Section Awards Competition. There are several different awards under the ASCE umbrella, and they include:

- ◆ Individual Merit Awards
- ◆ Distinguished Service Awards
 - *Engineer in Education*
 - *Engineer in Consulting Practice*
 - *Engineer in Government Service*
 - *Engineer in Private Practice (Utility, Industry, etc.)*
- ◆ Excellence in Journalism Award
- ◆ Young Civil Engineer of the Year Award (*nominee must be less than 35 years of age during 2001*)
- ◆ Engineering Achievement Awards

Although the award nominations are not due to the section secretary, John Burgan until June 1, 2001, now is the best time to inform your co-workers, and/or business associates about the program and select your projects.

The Engineering Excellence Awards portion of the competition recognizes civil engineering achievements located in the Wisconsin Section's geographical area. The determining factor in categorizing entries is construction cost.

- Category A: Construction cost under \$2,000,000
- Category B: Construction cost over \$2,000,000 and under \$10,000,000
- Category C: Construction cost over \$10,000,000 and under \$20,000,000
- Category D: Construction cost over \$20,000,000

Awards are made by the Board of Directors, based on the recommendation of a selected Jury of Judges. A particular project, regardless of category or size, may then be designated the Wisconsin Section ASCE Outstanding Civil Engineering Achievement of the Year. In addition, all award winners will be asked to provide a poster for display at the Annual Meeting held each September, and will be given the opportunity to provide a presentation for use at the noon luncheon awards ceremony.

Unlike many other awards competitions, there is no fee for entering the ASCE awards program. We are simply looking for people and projects that demonstrate excellence in engineering skills, and represents a significant contribution to engineering progress and society. Start now and take this opportunity to recognize your projects and co-workers! For more information, log on to www.asce.org/gsd/sections/wisconsin.

2001 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 another opportunity for alert young civil engineers to further their professional development and gain national attention.

The paper must be written on:

*How Do You Build a Diversity Program for Civil Engineers
in the Global Market of the 21st Century?*

- ◆ *Are there ethical concerns with integrating various cultures and business practices?*
- ◆ *Should business practices be modified to facilitate diversity in the profession?*

Rules:

- ◆ The author must be an Associate Member, Member or Affiliate of the Society 35 years of age or less on February 1, 2001
- ◆ Only one person can write each paper
- ◆ Each Section or Branch can submit only one paper
- ◆ Paper must contain no more than 2,000 words and must address professional ethics
- ◆ One winner may be selected from each of the four Zones and International membership of the Society
- ◆ The national winner, selected from the Zonal winners, will receive a wall plaque and a certificate
- ◆ The national winner may be invited to present his/her paper at the ASCE National Convention, Houston, Texas, in October 2001
- ◆ The paper by the national winner will be submitted for publication in Civil Engineering
- ◆ By February 1, 2001, two copies of each paper must be submitted through the Section or Branch Secretary to:
ASCE Awards Department
1015 15th St. NW Suite 600
Washington DC 20005
- ◆ Please include name and ASCE member ID #

2000 - 2001 STANDING COMMITTEE CHAIRPERSONS

| Committee | Chair | Phone No. |
|--|------------------|----------------|
| Nominations | Jeff Abramson | (715) 834-3161 |
| Awards | Phil LeClaire | (414) 790-0414 |
| Budget & Finance | Wayne Schumm | (414) 221-2375 |
| History & Heritage | Tom Walther | (715) 839-2952 |
| Jury of Judges | Peggy Hawley | (920) 735-6900 |
| Membership | Randy Videkovich | (414) 225-5100 |
| Newsletter | Carl Sutter | (920) 751-4200 |
| Public Relations | Lori Mayerhoff | (414) 259-1500 |
| Public Affairs | Fred Groth | (608) 242-1550 |
| Engineering Education/ Professional Development | Rolf Killingstad | (608) 845-5121 |
| Past President Council | John Goetter | (414) 259-1500 |
| Annual Meeting | Mark Meyers | |
| Spring Technical Conference | Mark Ortmyer | (920) 755-6326 |

2000 - 2001 TECHNICAL COMMITTEE CHAIRPERSONS

| Committee | Chair | Phone No. |
|---------------------------------|---------------------|----------------|
| Environmental | Mike Penn | (608) 342-1537 |
| Structural | Bob Schumacher | (414) 259-1500 |
| Geotechnical | Steve Hunt | (414) 270-4207 |
| Urban Planning & Transportation | Julie Verish | (414) 781-1782 |
| Water Resources & Hydraulics | Dr. Hector R. Bravo | (414) 229-6756 |
| Construction | Awad Hanna | (608) 263-8903 |
| Management | Harry Farchmin | (414) 291-5100 |

Visit the Website

Visit us at **www.asce.org/gsd/sections/wisconsin** to find general information, current events, background data, and ASCE related links. Under current events, you can read the Board or Directors' minutes and find this newsletter online.

Our continued thanks to Marty Hanson for volunteering his time and talents, making our site current and informative.
hanson@ayres-eau.com, (715) 834-3161

Editor's Note:

Comments, suggestions, and articles regarding the newsletter can be sent to:

Carl C. Sutter
csutter@mcmgrp.com
 McMahan Associates, Inc.
 P.O. Box 1025
 Neenah, WI 54957-1025
 Phone: (920) 751-4200
 Fax: (920) 751-4284

Please submit all articles for January Newsletter by **December 15, 2000**

**Meeting Schedule
2000 - 2001**
(Updated November 3, 2000)

| | Fox River Valley Branch | Southeast Branch | Southwest Branch | Northwest Branch |
|---------------|-------------------------|----------------------|---|---------------------------------------|
| SEPTEMBER '00 | | | | 21 Marshfield (8) |
| OCTOBER '00 | 25 Appleton | 19 Milwaukee (D) | 5 Madison (12) 26 Madison - 3:00 (#) 26 Madison - Eve. (10) | 25 Abbotsford |
| NOVEMBER '00 | 17 Green Bay (3) | 16 Milwaukee (D 2) | 9 Madison 30 Dodgeville (11) | |
| DECEMBER '00 | 6 Green Bay (3 13) | 21 Milwaukee (N 5) | 12 Madison (N) | 7 Menomonie (T) |
| JANUARY '01 | 30 Manitowoc (6) | 25 Milwaukee (D 9 T) | 19 Madison (N 3) | 20 Menomonie (T) |
| FEBRUARY '01 | 22 Sheboygan (2) | No February Mtg | 22 Madison (3) | 15 Eau Claire (T) |
| MARCH '01 | 22 Green Bay (4) | 22 Green Bay (4) | 22 Green Bay (4) | 22 Green Bay (4) 27 Marshfield (T) |
| APRIL '01 | 25 Appleton | 19 Milwaukee (N 5) | 17 Madison (N) | 19 Eau Claire (#) |
| MAY '01 | 22 Green Bay | 17 Milwaukee (N) | 10 Madison (3) | 17 Wausau (T) |
| JUNE '01 | | 21 Milwaukee (D 6) | | |
| JULY '01 | | 19 (7 T) | | |
| AUGUST '01 | | | | |
| SEPTEMBER '01 | 27 Madison (1) | 27 Madison (1) | 27 Madison (1) | 27 Madison (1) |

Scheduled Section Board Meetings

- 10/26/00 Madison - SW Branch Mtg.
- 11/16/00 Milwaukee
- 12/7/00 Fox River Valley
- 1/18/01 Madison
- No February Mtg
- 3/22/01 Fox River Valley - Spring Technical Confer.
- 4/19/01 Eau Claire
- 5/24/01 Milwaukee
- 6/21/01 Madison
- No July Mtg
- 8/23/01 Fox River Valley
- 9/27/01 Madison - Annual Mtg.



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