

IOWA SECTION – ASCE ANNUAL MEETING

September 10, 2009

Hotel at Gateway Conference Center

Ames, Iowa

2009 Conference Features

- In June 2008 historic flooding caused over a billion dollars in damage in the Cedar Rapids business district and adjacent residential areas. The 500-yr frequency flooding on the Cedar River caused the most extensive damage to public and private property in Iowa history. Learn more about the extent of the damage, the current status of the flood recovery, and plans for future flood protection and mitigation in the Cedar River corridor at Cedar Rapids.
- The Rebuild Iowa Office (RIO) was established to coordinate the state-wide recovery effort after the floods, tornadoes and severe weather of 2008. Iowans experienced one of the most devastating series of natural disasters in our state's history. Increase your understanding of the program activities coordinated from this office and how these efforts will improve disaster planning, readiness and response in the future.
- Learn more about the recent project to upgrade the Jack Trice Football Stadium at Iowa State University and the accelerated construction schedule to finish project work prior to the 2009 football season opener on September 2, 2009. Discussion of the management tools/techniques used to complete time sensitive projects in a CMA environment for a state university. Additional focus on best practice/lessons learned during preconstruction and design collaboration and new techniques/strategies for more efficient design collaboration by all parties through LEAN thinking.
- Considering the role of recent federal and state spending to provide economic stimulus during the 2008-2010 recession, and the need for better planning for flood control and management, learn more about the role of civil engineers in formulating public policy on the planning, funding, construction, and maintenance of publicly funded infrastructure systems.
- Learn more about the capabilities and benefits of Building Information Management (BIM) systems for improving the design and construction sequence for complex building projects.
- Improve your understanding of the current trends in "Machine Control" technology and how to better manage the electronic data flow between engineer and contractor on projects.
- The Iowa DOT will be publishing a new Standard Specification manual with the October 2009 construction letting. The new manual will be a conversion to the Imperative Mood - Active Voice of style of writing. This presentation will provide an insight into what to expect with the new specification manual, a look at the collaborative effort between the Department and SUDAS, and other specification topics.
- Increase your knowledge of the protocols for assessment of project costs to the stakeholders and some innovative approaches to improving the results.
- Learn more about managing long-term liability for engineering projects and the applications of the traditional "Standard-of-Care" protocol in civil litigation.
- Engineers for a Sustainable World (ESW) was founded in 2002 to encourage the participation of engineering professionals and students in assisting the developing world with sustainable solutions for infrastructure development. Learn more about a recent ESW project in Honduras initiated by student and faculty at the University of Iowa.
- The recent Iowa section ASCE Project of the Year Award is the new Lime-Softening Water Treatment Facility at Camp Dodge in Johnston, IA. Learn more about the project design and completion.
- Take part in the annual golf outing on Friday afternoon, sponsored by the Central Iowa Young Member group in Iowa.

PROGRAM SCHEDULE

Thursday, September 10, 2009

7:00 – 8:00 AM **ASCE Board of Directors Meeting**

7:30 – 8:30 **Registration**

Morning Session – (Garden Room)

Presiding: Jenifer Croat, P.E., Snyder & Associates, Ankeny, IA

8:20 – 8:30 Opening Comments – Marlee Walton, P.E., President, Iowa-section ASCE

8:30 – 9:15 Topic: **Cedar Rapids Flood Recovery**
Speaker: Craig Hanson, PE, Public Works Maintenance Manager, City of Cedar Rapids, IA

9:15 – 10:00 Topic: **Rebuilding Iowa after the 2008 Disasters.**
Speaker: Susan Judkins, Intergovernmental Affairs Director, Rebuild Iowa Office, Des Moines, IA

10:00 - 10:20 Refreshment Break

10:20 – 11:00 Topic: **Jack Trice Stadium – Sprint to End**
Speaker: Ben Bruns, Project Manager, The Weitz Company, Des Moines, IA

11:00 – 11:40 Topic: **Engineers Role in Public Policy**
Speaker: Leslie Nolen, Senior Manager, Grassroots and State Government Relations, American Society of Civil Engineers, Washington, DC

11:40 – 12:10 **Lunch**

12:15 – 1:30 **Annual Business Meeting**
Presiding: Marlee Walton

Afternoon Concurrent Sessions

Session A:

Presiding: *Jonathan Garton, P.E.*

1:45 – 2:15 Topic: **Building Information Modeling (BIM)**
Speakers: Brian Tuffin and Bill Mayfield, Avatech Solutions, Urbandale, IA

2:15 – 2:45 Topic: **Machine Control in Construction**
Speaker: Josh Olson, Machine Control Specialist, Ziegler Company, Altoona, IA

Session B:

Presiding: Roger Schletzbaum, P.E.

1:45 – 2:15 Topic: **New Iowa DOT Standard Specifications Manual.**
Speaker: Thomas L. Reis, P.E., Specifications Engineer, Iowa DOT, Ames, IA.

2:15 – 2:45 Topic: **Innovative Assessment Projects**
Speaker: Mark Cory and Ivan Weber, Ahlers & Cooney, P.C., Des Moines, IA

2:45 – 3:00 Refreshment Break

Joint Afternoon Session

Presiding: Bryce Johnson, P.E.

3:00 – 3:45 Topic: **Engineering Project Liability – Long Term**
Speaker: Jeffrey W. Coleman, P.E., Coleman, Hull & van Vliet, PLLP, Minneapolis, MN

3:45 – 4:15 Topic: **Sustainable U: Engaging the World through Student-led International Projects.**
Speaker: *Craig Just, University of Iowa, Iowa City, IA*

4:15 – 5:00 Topic: **ASCE Project Award – Camp Dodge Lime Softening Water Treatment Plant**
Speaker: Allen Munsterman, P.E., Snyder & Associates, Ankeny, IA

5:00 **Adjourn Afternoon Session**

Evening Session

Presiding: Marlee Walton, P.E.

5:30 **Social Hour and Cash Bar**

6:30 **Banquet**
7:30 **Awards Presentations** – Dave Moeller, P.E., Iowa-section ASCE, Past/Past President

8:00 **Installation of new chapter officers** – ASCE Representative

8:30 Adjourn

Friday, September 11, 2009

1:00 – 6:00 PM **Golf Outing Sponsored by Central Iowa YMG**
Harvestor Golf Course, Rhodes, IA

About the Conference

The annual conference provides information on current practices and new techniques in civil engineering design, materials, and construction. The conference also provides an opportunity to participate in the business issues of the Iowa-section, learn about emerging issues in the business of civil engineering, and take part in the annual recognition of Iowa section members through various awards. The annual golf-outing will be held on Friday Afternoon (See separate registration).

Registration Particulars

The advance registration fee for the **Annual Conference** is \$180 for ASCE members and \$205 for non-members, prior to September 4, 2009. An additional \$15 fee will be assessed for registrations received on or after September 4, 2009. A cancellation fee of \$20 will be assessed for pre-registration not cancelled prior to September 10, 2009. Substitutions are welcome at any time. The registration fee includes lunch and two refreshment breaks. Extra tickets for the evening banquet can be purchased for spouses or companions not attending the conference sessions. To facilitate your registration, please include a copy of the registration form with your payment and mail to Continuing Education & Professional Development, Iowa State University, 102 Scheman Building, Ames, IA 50011. **You may register via FAX** at 515/294-6223.

On-line registration is also available at:
www.cepd.iastate.edu/events

Location and Lodging

The meeting will be held at the Gateway Hotel & Conference Center in Ames, IA (gatewayames.com). The facility is located at the US Hwy 30 & University Boulevard interchange (Exit 146) in Ames.

For those individuals needing lodging, a block of rooms has been reserved at the hotel for the workshop and meeting. The ASCE room block is available until Wednesday, **August 19**. Participants are responsible for making their own lodging arrangements. Call 1-515-292-8600 for reservations. Please mention you are attending the ASCE Annual Meeting.

Spouses Program

No special program is planned this year for the spouses. A number of sightseeing opportunities are available in and around the Ames area, including the Brunner Museum at the nearby Iowa State Center and the Reiman Gardens.

Professional Development

This meeting has been planned in accordance with the criteria established by the ISBELSE for professional development hours (PDH's).

Further Information

For questions about the meeting program contact Stephen Jones at (515) 294-3957 or sejones@iastate.edu. For registration questions, contact Continuing Education & Professional Development at (515) 294-6222 or cepd-info@iastate.edu.

Special Needs

If you need accommodations for a disability or a dietary restriction, call Continuing Education & Professional Development at (515) 294-6222 or email cepd-info@iastate.edu so appropriate arrangements may be made.

Emergency Messages

During meeting hours, messages may be left at (515)294-6222 or faxed to (515) 294-6223.

Tax Deduction

The expense of continuing education, when taken to maintain and improve professional skills, is tax deductible. Contact your accountant for details.

Workshop

There is no professional development workshop scheduled for this year.

Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, sex, marital status, disability or status as a U.S. Vietnam Era Veteran. Persons having inquiries concerning this may contact the Director of Affirmative Action, 318 Beardshear Hall, (515) 294-7612.



Continuing Education & Professional Development
 Iowa State University Extension
 102 Scheman Building
 Ames, Iowa 50011
P300-1811

Iowa Section ASCE Annual Conference

Thursday, September 10, 2009

10-2000

Registration Information: * Mr. Ms. Mrs. Dr. Female Male

First Name	Middle Initial	Last Name
Company/Affiliation		Day Phone
E-mail		Fax Number
Mailing Address 1	ASCE Member #: _____	
Mailing Address 2		
City	State	Zip Code
		Iowa County

Registration Fees: (please circle appropriate fee)
Registration fee includes all conference materials, refreshment breaks and lunch.

	<u>before 9/04</u>	<u>9/04 or later</u>
ASCE Member Registration Fee	\$180.00	\$195.00
Non-member Registration Fee	\$205.00	\$220.00

Additional Banquet Tickets: ___ # tickets @ \$28 each = \$ _____

TOTAL \$ _____

Please contact me, I have special dietary needs and/or need accommodations for a disability.
 Cancel before September 10 for a refund less a \$20 cancellation fee.

It's easy to register!

On-line:
<http://www.cepd.iastate.edu/events>

Mail:
 Continuing Education & Professional Development
 Iowa State University
 102 Scheman Building
 Ames, IA 50011

Fax: (515) 294-6223

Method of Payment:

Check (Payable to Iowa State University)
 Credit Card
 Visa MasterCard Discover
 Card Number _____ Exp. Date ____/____
 Cardholder Name _____ Signature _____

Purchase Order (Please indicate billing address below, if different from above)
 PO Number _____
 Send invoice to: Name _____
 Billing Address _____
 Telephone/Fax: _____

* Iowa State University requests this information to pre-register you for a conference. No one outside the university, with the exception of participants in this conference, is routinely provided this information. If you fail to provide the required information, we cannot promise accurate registration.
 (Reference: Iowa Code, Chapter 22.11; Iowa Fair Information Practices Act)

Office Use Only

(Only one registration per form – Duplicate for additional registrations)

2009 ASCE ANNUAL GOLF OUTING



T H E H A R V E S T E R

Rhodes, Iowa

Friday, September 11, 2009

www.harvestergolf.com

*Rated the #1 Golf Course in Iowa for
the last 6 years by Golf Digest!!*

*Ranked 26th on America's 100 Greatest
Public Courses List in 2008 by Golf Digest.*

- ⌚ - Four (4) Person Best Shot Tournament
- ⌚ - Modified Shotgun Start at 1:30 P.M. (Everyone tees off at the same time)
Check-In from 12:30 to 1:30 P.M.
- ⌚ - Includes: Practice range balls, 18 Holes, Cart, & Two (2) Drink tickets
Catered Dinner & Prizes following golf
- ⌚ - Cost: \$55.00 per Player ← **Central Iowa YMG's stimulus rebate to you...normal rates are \$89 pp!!**

Outing is open to employees of Engineering, Architectural and Planning firms, contractors, suppliers, city, county, and state engineers, and engineering students. This event is held in conjunction with the Iowa Section ASCE Annual Meeting. If your company is interested in sponsoring a hole or providing prizes, please contact Todd Knox (see below).

If you are interested in playing, please send in the registration form below, with payment, to Todd Knox. Please make checks payable to ASCE Central Iowa YMG.

A confirmation e-mail or fax will be sent to the team captain with course directions and additional tournament information. We look forward to another exciting tournament. See you there!

Sign-up as a Foursome!

Registration and payment must be received by: **Friday, September 4 at 5:00 p.m.**

Contact: Todd Knox Fax: (515) 964-7938
Snyder & Associates Phone: (515) 964-2020
2727 SW Snyder Blvd Email: tknox@snyder-associates.com
Ankeny, IA 50023

Golfer 1: _____ Company: _____
Golfer 2: _____ Company: _____
Golfer 3: _____ Company: _____
Golfer 4: _____ Company: _____

Golfer 1/Captain: Phone: _____ Fax: _____ E-mail: _____