



Student Night & Awards Dinner Meeting

Thursday, April 10, 2008

Social Hour:	5:30 pm
Introductions/Dinner:	6:30 pm
Student Awards:	7:30 pm
Guest Speaker:	8:00 pm

(Bill Marcuson, ASCE Past President - See Page 3)

Crowne Plaza Denver

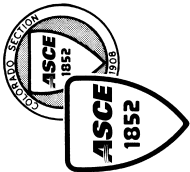
◆ 1450 Glenarm Place (Glenarm at 15th) ◆ Denver ◆

\$ 30 per person \$ 5 for students
(Pay on site - cash or checks payable to *Colorado Section ASCE*)

Make Reservations by Noon Monday, April 7, 2008

- ☎ Leave a voice reservation on ASCE's answering machine at **303-756-9777** ☎
 - ☎ Or send an E-mail message reservation to coloradoasce@qwestoffice.net ☎
- Please **spell your last name** to help us prepare our reservation list←

President's Message... Legislative Fly-In 2008



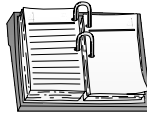
Colorado was well represented at ASCE's March 2008 Legislative Fly-In and Leadership Training in Government Relations in Washington, DC. Section Vice President Jeff May, Region 7 Governor Jacqueline Arcaris (Boyle Engineering) and yours truly were joined by Larry Mugler (DRCOG), John France (URS) and David O'Sadnick (Golder). John and David were sent by the Geo Institute. I represented the Transportation and Development Institute as well as the Colorado Section ASCE. We had a formidable team with diversity of experience that hit the Hill visiting our Congressional Delegation to discuss and advocate for issues important to our Nation's infrastructure and ASCE. We visited both Colorado Senators, Wayne Allard and Ken Salazar, and Representatives Tom Tancredo, Diana DeGette and John Salazar. Prior to the visits, we were briefed on legislation of interest that was in progress and the process, positions and strategies for Congressional visits. Key issues included:

- The National Infrastructure Act (S.775/H.R. 3538/H.R. 3398) to establish a National Commission to complete a study of "all matters relating to the infrastructure of the United States" by February 15, 2009.
- The National Highway Bridge Reconstruction and Inspection Act (H.R. 3999) to authorize \$1 billion for bridge inspection, repair and replacement.
- The Dam Rehabilitation and Repair Act (H.R. 2234/S. 2238) to provide \$200 million over five years for the repair, rehabilitation or removal of publicly owned dams.
- Highway Trust Fund Fix – ASCE Supports the Baucus/Grassley plan to eliminate the shortfall on the fund and ensure full funding for SAFETEA – LU guarantees in FY 2009.
- The Water Quality Financing Act of 2007 (H.R. 720) which would appropriate \$14 billion over 4 years for construction and repair of aging wastewater treatment plants.
- FY 2009 Federal Appropriations Priorities – ASCE supports full funding for SAFETEA – LU guarantees, the Dam Safety Program and the Clean Water State Revolving Loan Fund.

Contact your representatives in the 110th Congress and ask them to support these issues. Refer to ASCE's "Six Clicks" to communicate with your legislators.



Matt McDole



News & Notes...

Colorado Section ASCE Rebuilding Day Is Fast Approaching – April 26...

The Colorado Section ASCE /Rebuilding Together Day will be held on Saturday, April 26, 2008, at the Women's Bean Project in Curtis Park. The Women's Bean Project has been chosen as this year's ASCE/Rebuilding Together renovation project. Since 1989 the Women's Bean Project has been dedicated to helping women break the cycle of poverty and unemployment. As a non-profit organization they teach job readiness and life skills for entry level jobs through employment in gourmet food production. Women come to the facility with the goal of transforming their lives and moving toward self sufficiency. Additional information regarding the Women's Bean Project can be located at www.womensbeanproject.com.

We still need volunteers for this year's project. Please visit the following website to sign up to volunteer for this year's project (please disregard the small type size and just click): http://rebuildingtogether.civcore.com/VolunteerApp/index.cfm?Affiliate_ID=1.

When registering to volunteer for this year's project please be sure to indicate you are a member of the ASCE team by selecting **ASCE** in the Project/Team box of the registration form.

Rebuilding Together is a great way to give back to the community and a great way to build a spirit of service within your company. We encourage each engineering firm in the Denver Metro area to participate in this outstanding cause. Please contact Laura Torrisi at (303) 703-1405 if you have any questions regarding this year's worthwhile project. Thank you in advance for your support of such a great cause!

CSM Offers Geotech Short Course...

The Colorado School of Mines is hosting the 2 CEU short course *Finite Elements In Geotechnical Engineering* on its Golden campus July 21-23, 2008. The course combines lectures with supervised computing sessions in which participants will learn to run a powerful suite of finite element programs suitable for analysis of a range of practical problems of interest to geotechnical engineers. Participants will receive copies of the textbook and all source code of over 50 programs. The Instructor is Professor D.V. Griffiths. Contact the CSM Office of Special Programs and Continuing Education at (303) 273-3321, FAX (303) 273-3314 FAX, email to space@mines.edu, or web site www.mines.edu/outreach/cont_ed.



Colorado Section Leadership Roster 2007-2008

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	Tom Chapel	970-223-9600
	Vaughan Griffiths	303-273-3669
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CEC Rep. & Partnering	Laura LaRiviere	303-237-6601
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History & Heritage	Dick Wiltshire	303-445-3042
Legislative &		
Government Affairs	Chuck Childs	303-228-2331
	Steve Fisher	303-312-8849
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	Cortni Ward	970-219-8808
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	Scott Asher	719-227-8727
Student Chapter Affairs	Edward Stafford	720-898-7745
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Younger Member Group	Colin Haggerty	303-390-5844

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Colorado Section ASCE NEWSLETTER is published 9 times per year, monthly September through May.

**ASCE
Past President
Bill
Marcuson
to Keynote
Student Night
Awards Meeting**



Bill Marcuson

Bill Marcuson, Ph.D., PE, Hon. M. ASCE, ASCE's Past President, will join the Colorado Section ASCE for its annual Student Night and Awards Program. Among other topics, Bill will discuss recent changes in the global economy, their implications for American Civil Engineers and his ideas for responses to the demands of the unfolding situation. He will stress the changes needing to be made by American civil engineers in order for them to compete in a global economy. Bill views the nub of the issue as being the question: What will make the American civil engineers of the future so valuable as to be worthy of a salary that is an order of magnitude higher than foreign engineers with comparable technical skills? American civil engineers cannot compete on a technology expertise/dollar basis. Rather, we must compete on a technology leadership/dollar basis. Our salaries are the reason.

In addition to joining the Colorado Section ASCE for this Annual Student Night Awards Meeting, Bill's visit to Colorado also will include a lunch meeting with Southern Branch Officers at CH2M HILL offices in Colorado Springs, a tour of the Air Force Academy including briefings by the Student Chapter on their concrete canoe and steel bridge efforts, and attendance at the monthly Section's Executive Committee meeting.

**Special April Date – 2nd Thursday
April 10, 2008**

Please...

**Make Reservations
by the End of the Day Monday, April 7**

Via Email to coloradoasce@qwestoffice.net
or Phone Message to 303-756-9777

Give individual names for reservations to help the Section have an accurate count for its dinner commitment to the Crowne Plaza Hotel. The Section is anticipating an excellent turnout, and we look forward to having you join us!

**16th Jack W. Hilf
Memorial Lecture in
Geotechnical Engineering**

**The Role of the Geotechnical
Engineering in Supplying
Future Energy Needs**

Thursday , May 1, 2008, 4:00 PM
Engineering Center, ECCR-200
University of Colorado, Boulder
Department of Civil, Environmental
& Architectural Engineering

A reception will follow the lecture.

Dr. Suzanne Lacasse, Managing Director, Norwegian Geotechnical Institute, Oslo, Norway, will present this lecture.

Synopsis: Increasing demand for energy poses new challenges to the geotechnical engineer. Our profession has contributed importantly to energy supply, yet this contribution is indispensable and often underestimated. Achievements and challenges in this respect are illustrated with examples from the oil and gas industry, hydropower, geo-thermal energy, storage of CO₂ and nuclear waste, and geo-solutions for exploiting wind energy. Always, environmental sustainability should be at the forefront of the prioritized solutions by our profession. Possible global warming and extreme weather causing more frequent than before natural disasters are also factors that will influence the future energy supply. The lecture focuses on: engineering more cost-effective, yet technologically improved and safer solutions, and encouraging innovation and preserving the environment. To meet these challenges, an alliance of good practice and research is required. The examples illustrate that the profession needs to, more than before, act pro-actively in encouraging dialogue among client, designer, consultant, contractor and scientist, include automatically the environmental component and integrate hazard and risk assessment in the decision-making for the selection of optimum solutions. Only then can geotechnical engineering add value by saving lives, improving performance, reducing costs and exploiting natural resources in a responsible manner.

**Note:
Thursday, May 15, 2008,
is the last Section dinner meeting
before the Summer break**

Younger Member Group

The Younger Member Group has numerous activities coming in the next few months, so if you are interested now is the time to get involved! Join the Younger Member Group for a special tour of the Prairie Waters Project by the City of Aurora on Friday, April 18, at the Aurora Reservoir. Please contact Rick Fell at (rfell2003@yahoo.com) for more information.

YMG members will be joining the Colorado Section ASCE and Rebuilding Together on Saturday, April 26, 2008, at the Women's Bean Project in Curtis Park. The Women's Bean Project has been chosen as this year's Colorado Section ASCE/Rebuilding Together renovation project. Since 1989 the Women's Bean Project has been dedicated to helping women break the cycle of poverty and unemployment. As a nonprofit organization they teach job readiness and life skills for entry level jobs through employment in gourmet food production. Women come to the facility with the goal of transforming their lives and moving toward self sufficiency. Additional information regarding the Women's Bean Project can be located at www.womensbeanproject.com.

We plan on having the May Happy Hour at the rooftop of the Downtown Tavern. Come soak in the sun and meet some of your fellow young Engineers. The location of the Summer Picnic is still in the planning phase, but we are looking at either Sloans Lake or Chatfield Reservoir. If you have suggestions or ideas, please email Colin Haggerty at haggerty@pbworld.com.

While we are trying new ideas we are continuing to plan monthly happy hours, trips to sporting events, technical meetings, museum exhibits and many other activities. Upcoming activities include volunteering with local organizations, technical seminars and happy hours. Come join us at any of our upcoming events! Please visit our web site at

www.ASCColoradoYMG.org

and click on the "Newsletter" tab for information on current events.

ASCE Seminars Scheduled for Colorado Through July

Take advantage of your ASCE membership benefits by attending one of these upcoming national ASCE seminars being held in Colorado Springs and Denver:

Thursday & Friday, April 17-18, 2008, HEC-HMS Computer Workshops (Hydraulics), Colorado Springs

Thursday & Friday, May 1-2, 2008, Presentation Skills Training for Civil Engineers (Management & Leadership), Colorado Springs

Thursday & Friday, May 29-30, 2008, Soil Constitutive Modeling for Engineers: Fundamentals, Evaluation & Calibration (Geotechnical), Denver

Wednesday-Friday, June 18-20, 2008, HEC-RAS Computer Workshop (Hydraulics), Colorado Springs

Thursday & Friday, July 10-11, 2008, Bridge Rehabilitation (Structural), Denver

Thursday & Friday, July 24-25, 2008, Residential Land Development Strategies (Construction/Development), Denver

These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department and may be of interest to many ASCE members and their colleagues. Detailed descriptions of them (by title) are available at national ASCE's web site at www.asce.org/conted/seminars.

Please contact either Kelly Jarvis or Mike cook at kjarvis@asce.org or mcook@asce.org respectively for more information.