



## Holiday Luncheon & Section Meeting

Thursday, December 18, 2008

**Social Hour:** 11:30 AM  
**Lunch:** 12:00 Noon  
**Presentation:** 12:20 PM

(See Page 3 for Holiday Luncheon program featuring special "Ethicana" video)

**Crowne Plaza Denver**  
**1450 Glenarm Place (Glenarm at 15<sup>th</sup>), Denver**

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

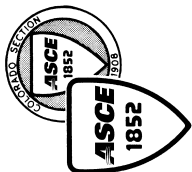
**Make Reservations by Noon Monday, December 15, 2008:**

Leave a voice reservation on ASCE's answering machine at **303-756-9777**

Or send an E-mail message reservation to [coloradoasce@gwestoffice.net](mailto:coloradoasce@gwestoffice.net)

Please **spell your last name** to help us better keep track of reservations and avoid duplicates

### President's Message... "The Power of One"



I recently attended the national convention in Pittsburgh. At the meeting our national ASCE President David Mongan reminded us of "The Power of One" to change the future. This reminded me of those Colorado engineers who put themselves forward to change our State for the better. Two months ago I listed volunteer opportunities available at our Section. A number of individuals stepped forward including:

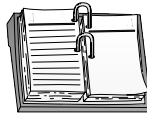
- Larry Mugler who agreed to chair our Governmental and Legislative Committee which will be in charge of efforts to disseminate our 2008 Infrastructure Report Card to the State Legislature.
- Rich Bogdanovich who agreed to lead our effort assisting PEC's student bridge building program. Ryan Sisson, John Guenther, and Mel Dahlberg are assisting him. So far they have helped 9 students and 4 teachers representing 5 different high schools. This is the beginning of a local Aurora-area initiative to get students from the 15 high schools in the Community College of Aurora service area exposed to engineering and scientific careers.
- Rick Fell who led our effort to make Colorado aware of our water infrastructure needs as part of the national Liquid Assets program.

Other volunteer opportunities remain available. They include K-12 outreach leader, website master, life member champion, and mentoring co-chair. How about you stepping forward for the betterment of our profession and our organization? If you're interested call me at 303-757-0604.



**Jeff May**

## News & Notes...



### CSM Seeks Tenure Track Faculty...

Please see Page 4 of this newsletter for the full announcement of this water resources and hydraulic engineering position available with the Colorado School of Mines Division of Engineering.

### CSM Offers Geotech Short Course...

The Colorado School of Mines is hosting its 14<sup>th</sup> Annual Short Course on *Finite Elements In Geotechnical Engineering* on its Golden campus March 9-11, 2009. The course combines lectures with supervised desktop computing sessions in which participants will learn to run a powerful suite of finite element programs relating to practical geotechnical engineering. The course should remove some of the mystique of "black box" geotechnical software by giving participants insight into the workings of the finite element method and the basic architecture of the programs. Participants will receive copies of the text and all source code for over 50 programs.

For questions relating to course content or materials contact the instructor, Professor D.V. Griffiths, at (303) 273-3669 or via email at [d.v.griffiths@mines.edu](mailto:d.v.griffiths@mines.edu). For course info and registration contact Melody Francis at the CSM Office of Special Programs and Continuing Education at (303) 273-3321, FAX (303) 273-3314 FAX, email to [mfrancis@mines.edu](mailto:mfrancis@mines.edu), or visit web site [www.mines.edu/Outreach/Cont\\_Ed/fege.htm](http://www.mines.edu/Outreach/Cont_Ed/fege.htm).

### ACEC/CO "Ethics in Catastrophic Events-9/11 & Katrina" Seminar Is Thursday, December 4, 2008...

This 4 PDH seminar will be from 11:30 AM – 5:00 PM at the Four Points Sheraton Denver Southeast at I-25 & Hampden. For more info visit [www.acec-co.org](http://www.acec-co.org) and click on "Ethics Seminar 2008" under "What's New." Register by calling (303) 832-2200 or e-mail [Jennifer@acec-co.org](mailto:Jennifer@acec-co.org). Come hear from engineers who were part of the forensic task forces for 9/11 and Hurricane Katrina. Hear from a world-renowned sociologist on the societal impacts of engineering ethics in disasters. Topics include: root causes, solutions and implications of the levee failures during Katrina; ethical issues faced by professionals before, during, and after catastrophic events; managing risk with foresight and on a budget; funding, scheduling and political constraints; effects of cost/benefit analysis; integrated systems viewpoint. These topics include issues that apply to large and small-scale events and to infrastructure planning and management overall.



## Colorado Section Leadership Roster 2008-2009

**PRESIDENT:** Jeff May  
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#### Committee Chairs & Special Contacts

ASCE Region 7 Governors -		
	Jacqueline Arcaris	303-987-3443
	Tom Chapel	970-223-9600
	Vaughan Griffiths	303-273-3669
Awards	Sharon Wilson	303-690-0453
CEC Rep. & Partnering	Laura LaRiviere	303-237-6601
Constitution & By-Laws	Vaughan Griffiths	303-273-3669
History & Heritage	Dick Wiltshire	303-978-1994
Legislative & Government Affairs	Larry Mugler	303-480-6759
	Steve Fisher	303-312-8849
Membership	Matt Satterfield	303-424-5578
Nominating	Matt McDole	303-537-3740
Northern Branch President -		
	Mae Benvenga	970-212-2751
Southern Colorado Branch President -		
	Scott Asher	719-227-8727
Student Chapter Affairs	Laura LaRiviere	303-237-6601
Web Master	Dale Meck	970-903-8297
Younger Member Group	Brian Bern	303-572-0202

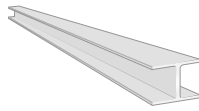
#### Colorado Section ASCE Office

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



## Joint ASCE/PEC Holiday Luncheon Program

### “Ethicana” The Centerpiece of a Global Anti-Corruption Initiative

Come and be a part of history at the joint Colorado Section ASCE/PEC Holiday Luncheon on Thursday, December 18, 2008, at the Crowne Plaza Hotel in downtown Denver! Be sure to make reservations by emailing [coloradoasce@qwestoffice.net](mailto:coloradoasce@qwestoffice.net). Cost is \$30 payable on site by cash or check.

This will be the Nation's first showing at an ASCE Section event of this special new video which takes an infrastructure project in the fictitious country of Ethicana from procurement through implementation. It is professionally acted, informative and most entertaining. Howard Schirmer, President of Transnational Associates, Inc., is a Co-Executive Producer of this 42-minute video that is one element of the Anti-Corruption Education and Training (ACET) initiative aimed at combating corruption in the global engineering and construction industry. Howard will introduce the video and moderate brief luncheon discussion about its content.

Actions begin with poor decisions made by individuals. The ACET objective is to develop a program promoting individual integrity. This project has the following concepts in mind:

1. Corruption kills people.
2. Corruption in the global construction industry is a huge economic burden estimated to approach \$500 billion dollars annually.
3. It occurs in every country no matter the form of government, the level of development, or geographic location. Imagine the schools, hospitals, water treatment facilities and roads that could be built for those in the greatest need if corruption could be reduced or eliminated.

The global Anti-Corruption Education and Training (ACET) initiative is a collaborative effort led by a worldwide ACET Team of educators, engineering professionals and professional media communicators.

### Colorado Section ASCE's Centennial Celebration Dinner Meeting Thursday, January 8, 2009



Denver Mayor  
John  
Hickenlooper

As noted in the November Newsletter, the Colorado Section ASCE is planning to celebrate its Centennial at a dinner meeting to be held on Thursday, January 8, 2009, in the Centennial Room at the Hyatt Regency Tech Center, 7800 E. Tufts Ave, Denver (East of I-25 & North of Belleview Ave.). The Colorado Section ASCE was founded on January 9, 1909, and it's time to celebrate both our 100 years of civil engineering history in Colorado and Colorado's civil engineers. **Blaine Leonard**, ASCE President-Elect, has agreed to attend and speak at our Centennial Celebration and will be accompanied by **Pat Natale**, ASCE's Executive Director, as well as by other National and Regional ASCE officers.

Tentative plans are to have a social hour start at 5:30 PM followed by dinner at 6:15 PM. At 7:00 PM Denver Mayor **John Hickenlooper** will be our special guest and offer some keynote remarks for the evening. The Centennial program will follow Mayor Hickenlooper's remarks. The program and festivities are expected to last until around 9:30 to 10:00 PM. We will be limited to a maximum of 200 attendees. **Mark your calendar** and stay tuned for more details and information about event registration in the January newsletter. To accommodate this **special 2<sup>nd</sup> Thursday event** the January newsletter will be published and distributed during the Holiday Season which is earlier than usual. Also stay informed by visiting the Colorado Section ASCE's website at <http://sections.asce.org/colorado/index.htm>. The cost will be the same as for regular dinner meetings: \$30 each for members and their guests and \$5 each for students. ASCE also is conducting the Region 3, 6, and 7 Multi-Region Leadership Conference at the same hotel on January 9 & 10.



**Division of Engineering**  
**Assistant/Associate Professor – Water Resources and Hydraulic Engineering**

The Division of Engineering at the Colorado School of Mines seeks applications for a tenure track faculty position in the area of Water Resources and Hydraulic Engineering. Appointment is expected to be at the Assistant Professor level, but applicants qualifying for appointment at the Associate Professor level will be considered. The Division of Engineering offers a non-traditional; ABET accredited undergraduate degree in Engineering, together with MS and PhD degrees, with specialties in Civil, Electrical, and Mechanical Engineering. The successful candidate will be affiliated with the civil specialty; however, collaborations both with the Division and across campus are strongly encouraged. Of potential interest to applicants will be centers at CSM with on going research and educational activities focusing on water such as the Center for Experimental Study of Subsurface Environmental Processes (CESEP), the International Ground Water Modeling Center (IGWC), and AQWATEC. The successful candidate will have the opportunity to be affiliated with the Hydrologic Science and Engineering (HSE) graduate program that involves participating faculty from several departments on campus including Engineering.

**Responsibilities:** The successful candidate will be expected to teach at both the undergraduate and graduate levels, supervise graduate research and thesis projects, establish a quality publication record, and develop a strong externally funded research program. The successful candidate will be expected to teach Civil Engineering courses such as Fluid Mechanics, Water Resources and Hydraulic Engineering in addition to graduate courses in their specialty area.

**Qualifications:** Applicants must have a B.S. in Civil Engineering (or closely related field) and a Ph.D. with an emphasis in Water Resources or Hydraulic Engineering. Applicants for the Assistant Professor level are expected to demonstrate the potential for successful teaching and research, and must have strong interpersonal and communications skills. For the Associate Professor level, additional qualifications include a proven record in teaching, publishing and securing research grants.

For a listing of faculty rank requirements: [click here](#)

**Compensation:** Salary and benefits will be commensurate with qualifications and experience. Mines also provides an attractive benefits package including fully paid health insurance, dependent tuition benefits, parental leave policies and dependent care assistance through a flexible spending plan.

**How to Apply:** Applicants must send a letter of interest that specifies the rank desired, a curriculum vita, statements of research and teaching interests, and the names and addresses of at least three references to: Colorado School of Mines, Human Resources Office, Search #**08-011010**, 1500 Illinois Street, Golden, CO 80401, Fax: (303) 384-2025.

Electronic applications are encouraged and will be accepted at [faculty.search@is.mines.edu](mailto:faculty.search@is.mines.edu). If using this method of application, please put the search number as indicated above (in bold) in the subject line to ensure that your materials are properly forwarded to the search committee.

Review of applications will begin by January 15, 2009.

Interested candidates are can obtain further information by contacting Professor Marte Gutierrez (mgutierr@mines.edu), the search chair.

*CSM is an EEO/AA employer and is committed to enhancing the diversity of its campus community. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.*

*Employment with CSM is contingent upon the satisfactory completion of a background investigation.*