



Section/Technical Groups Dinner Meeting

Thursday, March 20, 2008

Social Hour:	5:45 pm
Dinner:	6:30 pm
Announcements:	7:15 pm
Technical Group Meetings:	7:30 pm

(See Page 3 for Technical Group meeting programs)

Crowne Plaza Denver

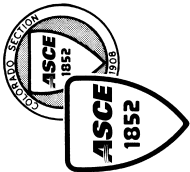
◆ 1450 Glenarm Place (Glenarm at 15th) ◆ Denver ◆

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

Make Reservations by Noon Monday, March 17, 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 ☎
- Please indicate the **Technical Group** session you plan to attend and **spell your last name** ←

President's Message... Affiliation With ASCE Institutes



ASCE encourages its Section and Branch technical groups to connect with the appropriate ASCE Institute through written affiliation agreements thereby becoming an Institute Chapter. It is time for the Colorado Section ASCE technical groups to seriously consider this matter, and I will address the subject in this and my subsequent messages.

Let's start with some background on the ASCE organization. There are three main parts. First, the membership is partitioned into Regions. Sections and Branches fall within a Region overseen by a Region Board of Governors. This is the Geographic Region. The Core is ASCE National including the Board of Direction, the Board Committees and Headquarters Operations. The third part is the Technical Region which is made up of the 8 Institutes. A key role of the institutes is the development and dissemination of new and evolving technology in the specialty areas. Institutes are semi-autonomous entities and can take non-ASCE members. The Geo Institute (GI) and Structural Engineering Institute (SEI) were the first, formed in October, 1997. Architectural Engineering (AEI), Environment and Water Resources (EWRI), Coasts, Oceans and Ports (COPRI), Construction (CI), Transportation and Development (T&DI) and Engineering Mechanics (EMI) followed. The Colorado Section ASCE's four technical groups easily align with an institute.

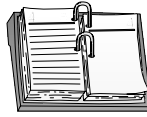
There is one way ASCE members already connect or can connect to an institute. With payment of annual dues, each of us gets to check a box giving us membership in an ASCE institute. And additional institutes may be joined for \$20 per year each.

There is a four-step procedure for converting an existing technical group to a new institute chapter. Benefits of affiliation include improved service to institute members at the local level, national level networking and access to high-profile speakers. However, initiation of the process should come from the Section/Branch Technical Group. I solicit members' input on this issue directly or through any of your Section/Branch Officers.



Matt McDole

News & Notes...



ASCE Awards & Honors In Region 7...

Region 7 consists of all ASCE Sections and Branches in Colorado, Iowa, Kansas, Missouri, Nebraska, South Dakota and Wyoming. Region 7 has eight governors who represent different parts of the region. See more information at: www.region7.asce.org/leadership.html.

One of a Region Governor's responsibilities is to promote awards and honors within our region. A first step to achieve this objective is to make sure our members know what is out there and what they may be eligible for.

Advancing To the Grade of Fellow of ASCE

If you are a Professional Engineer and have been a Member of ASCE for at least 10 years you may be eligible to apply for advancement to the grade of Fellow of ASCE. The rank of Fellow accounts for fewer than 5% of the entire ASCE membership and is the second highest membership grade after Distinguished Member (formerly called Honorary Member). More information on F ASCE can be found at www.asce.org/membership/fellowfaq.cfm.

ASCE Awards

ASCE presents approximately 100 awards every year in recognition of a very wide range of achievements within our profession. A complete list of awards, together with the criteria and nomination deadlines can be found at www.content.asce.org/handa/dc.html.

Please give some thought to individuals or groups within the Colorado Section ASCE or your branch who might be worthy nominees. As an aside, don't be shy about suggesting your own name if you think you have accomplishments that fit one of the award criteria. Awards generally don't just happen, and colleagues occasionally may need a gentle reminder to put in the time and effort to prepare a nomination!

Please don't hesitate to contact me if you have any questions about these issues or anything else relating to Region 7 or the role of the Governors.

Vaughan Griffiths, Ph.D., PE, F ASCE
Region 7 Governor
Colorado School of Mines
d.v.griffiths@mines.edu



Colorado Section Leadership Roster 2007-2008

PRESIDENT: Matt McDole
303-537-3740 mmcdole@e-470.com

VICE PRESIDENT: Jeff May
303-480-6746 jeff.laurel.may@gmail.com

SECRETARY: Laura LaRiviere
303-237-6601 llariviere@kleinfelder.com

TREASURER: Brian Wiltshire
303-721-1447 brian.wiltshire@fhueng.com

IMMEDIATE PAST PRESIDENT: Edward Stafford
720-898-7745 estafford@ci.arvada.co.us

GEOTECHNICAL TECHNICAL GROUP CO-CHAIRS:
Steve Bryant steve.bryant@psiusa.com
303-424-5578
Joels Malama jcmalama@terracon.com
303-423-3300

STRUCTURAL TECHNICAL GROUP CHAIR: John Guenther
303-920-4624 guenther@pbworld.com

TRANSPORTATION TECHNICAL GROUP CHAIR: Mel Dahlberg
303-799-5103 mdahlberg@bhinc.com

**WATER RESOURCES & ENVIRONMENTAL
TECHNICAL GROUP CO-CHAIRS:**
Amber Fuxan amber.fuxan@enghydro.com
720-480-8459
Brian Murphy MurphyBM@cdm.org
303-298-1311

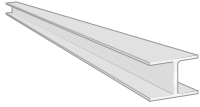
Committee Chairs & Special Contacts

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	303-445-3042
Legislative &		
Government Affairs	Chuck Childs	303-228-2331
	Steve Fisher	303-312-8849
Membership	Matt Satterfield	303-424-5578
Nominating	Edward Stafford	720-898-7745
Northern Branch President -		
	Cortni Ward	970-219-8808
Southern Colorado Branch President -		
	Scott Asher	719-227-8727
Student Chapter Affairs	Edward Stafford	720-898-7745
Web Master	Dale Meck	303-883-2247
Younger Member Group	Colin Haggerty	303-390-5844

Colorado Section ASCE Office

Rich Bogdanovich P.O. Box 101085
303-756-9777 Denver, CO 80250-1085
coloradoasce@qwestoffice.net
Section Web Page: <http://sections.asce.org/colorado>

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



Structural Group Meeting

Gregg Freeman, Western Sales Manager for Unitex, will share his **experiences regarding the most current trends in the protection and maintenance of concrete bridges and parking structures**. Gregg spends most of his time interacting with DOT and Maintenance Engineers discussing bridge preservation programs and related research studies. Gregg speaks regularly to groups from all of the Western States and will share information with us regarding the materials and methods being utilized to extend the life of our concrete structures. This discussion will also cover a brief overview of condition assessment, materials, life cycle studies, maintenance triggers, cost analysis and how technology has evolved to meet the needs of the changing times.



Geotechnical Group Meeting

Vaughan Griffiths, Ph.D., PE, Professor of Civil Engineering at the Colorado School of Mines, will discuss **Probabilistic Methods in Geotechnical Engineering**. Risk assessment and probabilistic methods in geotechnical analysis have been around for some years in the "high tech" areas of earthquake and offshore engineering. This presentation shows how probabilistic approaches can also offer great potential in more traditional geotechnical applications such as earth pressures, slope stability and bearing capacity. The presentation will demonstrate some simple probabilistic analysis tools applied to familiar problems leading to a "probability of failure" as opposed to the more customary "factor of safety." It is argued that probabilistic methods can offer a more rational approach to the design of geotechnical systems in view of the highly variable nature of soils and rocks.

March Meeting to Recognize 20 New Life Members

Please join the Colorado Section ASCE in publicly recognizing and honoring its 20 new Life Members during the March dinner meeting. We thank these outstanding engineers for their careers serving the profession and the Society. See this newsletter's Page 4 for a list of their names.

General Interest Presentation on Upcoming Military Construction Work at Fort Carson

John Lory, Major, USACE Omaha District Liaison Officer to Fort Carson Garrison and Directorate of Public Works, will be giving a presentation on **upcoming Military Construction work at Fort Carson within the next 12 months**. His focus will be on Construction Successes at Fort Carson, the Transformation of the Military Construction processes and how it might impact the engineering community. Major Lory has been assigned to the Omaha District of the United States Army Corps of Engineers coordinating current and future construction projects worth \$1.9 billion to support Base Realignment and Closure, Army Modular Force, Grow the Army, and the Global Defense Posture Repositioning.



Environmental & Water Resources Group Meeting

Joseph Rottman, PE, Marketing Engineer for the Colorado Ready Mixed Concrete Association, will introduce **Pervious Concrete** and hopefully give you some answers to questions like: What is it? Why do we want it? How do you design and build with it? Can it handle Colorado's free-thaw cycles? Is it as durable as regular concrete? How do we find qualified contractors to install it? (Should I build a concrete canoe out of it?) Pervious Concrete is new material in the Rocky Mountain Region, but it has been in use in other states for over 30 years. It was developed to help manage storm water and the pollution associated with it. It is a type of Portland Cement Concrete, but its design and construction are both radically different than what we are used to on most concrete projects.

Note the Special April Meeting Date:

April Annual Student Awards Night Dinner Meeting Is the

2nd Thursday, April 10, 2008

Colorado Section ASCE Volunteers Needed for 2008 Rebuilding Together Project

Volunteers are needed to help with the upcoming April Rebuilding Together/Colorado Section ASCE 2008 Project. 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 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.

In a single day last spring 75 Colorado Section ASCE volunteers, representing 23 engineering companies and organizations, worked together to renovate a childhood education center for special needs children. With your help we can do more in 2008, and we are asking for a strong show of support from Denver's engineering community volunteers. Please visit the following website to sign up to volunteer for this year's project:

http://rebuildingtogether.civicore.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 Colorado Section ASCE team by selecting **ASCE** in the Project/Team box of the registration form.

APWA Management Conference On Public Works Funding

Public Works Funding: How to Maximize Revenue and Minimize Cost is the theme for the 2008 Colorado Chapter APWA Management Conference on Thursday-Friday, May 1-2, at the Belmar Center in Lakewood. Last year's conference drew 128 public officials, consultants and vendors, and more are anticipated this year. With increasing concerns regarding funding for Colorado's infrastructure, the sessions will provide important information and perspectives on how to manage your infrastructure with limited funding.

Please see the conference's complete flyer following this newsletter Page 4.

20 New Life Members

The Colorado Section ASCE has 20 new Life Members as of January 1, 2008. They and their guests have been invited to the Section's March dinner meeting to receive both their Life Member Certificates and public recognition for careers serving the profession and the Society. They are:

John W. Andrews	Gary Lewis
Richard L. Atkins	Curtis Miller
R. Michael Caldwell	John R. Mullans
Regis J. Colasanti	John H. Peck
Clifford S. Coulter	Robert D. Reynolds
Neil M. Geitner	Norman L. Ringhand
John D. Hendrick	Jose D., Salas
Anthony J. Hurst	Gorden J. Serpa
Dennis D. Lambert	John D. Smart
Frank E. Lancaster	David R. Timmins

Younger Member Group

Join the Younger Member Group for a special tour of the Prairie Waters Project by the City of Aurora. The tour will be set up through Rick Fell of Jacobs/Carter Burgess and likely will be the second week of March. Please look to the March YMG Newsletter for more information and details.

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 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.

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.ASCEcoloradoYMG.org

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



2008 Management Conference

Join us on May 1st & 2nd, 2008

The APWA Colorado Chapter Management Committee is proud to present a one and a half day conference discussing current Public Works funding issues and solutions as well as alternative strategies to funding.

The theme for this year's event is

Public Works Funding: How to Maximize Revenue and Minimize Cost

This conference is intended for community officials, directors, management and supervisory staff.

APWA Membership is not required to attend this Conference.

Consultants, vendors and contractors are all welcome.

Conference Speakers and Topics

Colorado APWA President Welcome: *Suzanne Moore*

APWA National News Update: *Larry Frevert*

FasTracks Status Reports: *Cal Marsella*

E-mail Do's and Don'ts

Funding:

State Transportation

Local Options

Alternative Contract Delivery Systems

Municipal Projects



Date and Location:

The Belmar Conference Center
405 S. Teller Street, Lakewood, Colorado
Thursday and Friday, May 1 and 2, 2008
Starting at 8 AM each day

<http://www.belmarcenter.com>

Program Cost: \$205

***EARLY BIRD PRICE IS \$155 — Must be postmarked by March 17th, 2008**

Fees include continental breakfast, snacks during breaks, Thursday lunch, and program materials.

Make checks or money orders payable to APWA Management Conference.

Please visit <http://colorado.apwa.net> for more details...

APWA MANAGEMENT CONFERENCE

REGISTRATION FORM

Fax to 303-756-9777

AGENCY / COMPANY

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

E-mail: _____

ATTENDEES NAMES:

First:	Last	Registration Fee
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	FREE

Please check here if a confirmation of receipt is required

TOTAL FEE: _____

REGISTRATION FEE:

Early Bird Registration Fee postmarked by March 17th 2008: \$155.00 per person

SPECIAL DISCOUNT: Send five members from the same organization for the price of four! Must include each attendee on the form.

Registration Fee after March 17th 2008: \$205.00 per person

Registration fee includes conference notebook materials, attendance at all meetings, Thursday and Friday's continental breakfast, snacks at breaks and Thursday's luncheon.

CANCELLATIONS must be submitted before April 21, 2008 for a refund. Substitutions can be made up to the day of the conference.

HOTEL INFORMATION: Please visit www.belmarcenter.com/services/rentals_decor_hotels.php for hotel information and transportation to the conference.

CHECKS:

Make Conference Registration checks payable to: **APWA Management Conference**

Send your check and a copy of the Conference Registration Form to:

APWA Management Conference
c/o Management Resources Development
P.O. Box 101085
Denver, Colorado 80250-1085
Phone / Fax: 303-756-9777
Federal Tax ID 36-2202880

(We are unable to accept credit cards)

Please check here if you require an invoice for this registration

QUESTIONS? Please contact anyone on our committee:

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Phone: 720 865-3025
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Bill Ruzzo, Consultant
Phone: 303-985-1091
E-mail: bill.ruzzo@comcast.net

Jennifer Morrison, Aerotek Engineering & Environmental
Phone: 303-224-4582
Email: jdurham@aerotek.com