

## News & Notes...

### ASCE Launches Region, Section & Branch Discussion Forums...

In national ASCE's continuing effort to enhance communications among Regions, Sections and Branches the ASCE Geographic Services department is launching a discussion forum.

This forum can be used to address existing and ongoing challenges and issues, such as how to conduct a successful meeting, recruiting and retaining members, attracting members to ASCE functions and other topics of similar nature. This forum is open to all active ASCE members.

To access this online forum you must login to the "Members Only" section on the ASCE web site by clicking on the "Members Only" tab on the left hand side of the screen. Upon logging into the site, go to the Region Discussion Forums or Section & Branch Discussion Forums in the "What's New" category. Once you are in the respective site, click on the "Login/Register" link at the top of the page, followed by the "Create Account" button at the bottom of the next page and provide the required information. ASCE suggests that you use the same login username and password to access the ASCE members only directory. Please note you will have to login twice, once at "Members Only" level and then again at the "Discussion Forum" level.

All users must register for an account to create topics and post messages.

The Colorado Section ASCE encourages you to log on to the site today and to use it to pursue your ideas, issues and concerns about the types of topics mentioned above.

For more information please contact Nancy Berson, Director, ASCE Geographical Services at [nberson@asce.org](mailto:nberson@asce.org) or by calling 703-295-6010 or 800-548-2723, ext. 6010.

### Younger Member Newsletter Fall 2007 Edition Available...

Access the Fall 2007 edition of the "Younger Member Newsletter" via the following link:  
<http://www.asce.org/inside/files/pdf/issue61.pdf>

You should be able to access it by using Adobe Acrobat Reader available free if needed at <http://www.adobe.com/products/acrobat/readstep.html>. If you experience any problems, please contact Nancy Berson at [nberson@asce.org](mailto:nberson@asce.org) or at 1-800-548-2723, ext. 6010, for assistance.



## Colorado Section Leadership Roster 2007-2008

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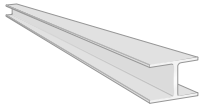
### Committee Chairs & Special Contacts

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	Vaughan Griffiths	303-273-3669
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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
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	Cortni Ward	970-219-8808
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	Scott Asher	719-227-8727
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Web Master	Dale Meck	303-883-2247
Younger Member Group	Colin Haggerty	303-390-5844

### Colorado Section ASCE Office

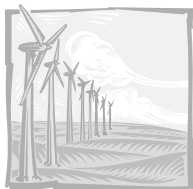
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**Colorado Section ASCE NEWSLETTER** is published 9 times per year, monthly September through May.



### Joint Structural & Transportation Group Meeting

**Judy Aranda**, PB (formerly Parsons Brinckerhoff), will speak on **the results of the Federal Boulevard Environmental Assessment**, which addresses proposed improvements between Alameda and 6<sup>th</sup> Avenues. This project was completed within a primarily Hispanic community – both business and residential. This segment of Federal Boulevard also is earmarked to receive \$15 million in bond money if the City & County of Denver’s bond issue passes in the November 6, 2007, election.



### Environmental & Water Resources Group Meeting

**Steve Lowry**, J.F. Sato & Associates, will discuss **Water Infrastructure in Developing Countries** based on his trip in April 2007 to Uganda as a Water Corps Volunteer for Water For People. This was a Scoping Study to help WFP decide on which countries to select for adding to their program. Steve will provide information on the water, sanitation and health picture in a country that has had 10 years of good economic growth and 20 years of relatively stable politics.

**Sarah Dominick**, Denver Water, also will present on **an on-going potable water supply project in Axum, Ethiopia**. Since 2002 Denver Sister Cities International has been working with the government in Axum, Ethiopia, to improve the quality of Axum’s drinking water source. After bench and pilot testing, aeration with slow sand filtration was picked as the best technology to treat Axum’s groundwater. The project is currently in the final design phase and a group of engineers from the Denver area are completing the design. The presentation will focus on the design process and challenges.

**Annual Holiday Luncheon Meeting with the Professional Engineers of Colorado**  
Thursday, December 20, 2007



### Geotechnical Group Meeting

**Dennis Hanneman**, PE, US Bureau of Reclamation, will present on **Improvement of Geotechnical Axial Design Methodology for Drilled Shafts in Weak Sedimentary Bedrock**. An ambitious study was undertaken to advance the state of practice for geotechnical design of drilled shafts in weak sedimentary rocks.

The knowledge gained from the study may ease the transition to the required use of the LRFD method for all CDOT substructures effective October 2007. Local experience of Colorado consulting engineers was combined with the analytical expertise of seasoned researchers to achieve this goal. The efforts resulted in publication of a Colorado Department of Transportation research report titled *Improvement of Geotechnical Axial Design Methodology for Drilled Shafts in Weak Sedimentary Rocks*.

As part of the construction requirements for the T-REX and Broadway Viaduct projects along I-25 in Denver, four Osterberg axial load tests were performed on drilled shafts embedded in the typical range of weak bedrock encountered in the Denver area including soil-like claystone to very hard sandy claystone and clayey sandstone. To maximize the benefits of this work, the O-cell test results, shaft construction data, and results of simple geotechnical tests (standard penetration tests (SPT), unconfined compressive strength (UC), and pressure meter testing (PMT)) were evaluated. Results of the study included: 1) evaluation of SPT, UC, and PMT as design input, 2) best fit design equations to predict ultimate base and side resistance, 3) load-settlement curve based on simple geotechnical tests, and 4) assessment of current Colorado design procedures and ASSHTO/LRFD methods.

### ASCE Seminars Scheduled for Denver through December

Thursday & Friday, November 8-9, 2007  
Treatment Plant Hydraulics for Civil Engineers  
Wind Loads for Buildings & Other Structures

Thursday & Friday, December 13-14, 2007  
Design for Cold Formed Steel Structures

Detailed descriptions of these in-depth, practice-oriented seminars (by title) are available at [www.asce.org/seminars](http://www.asce.org/seminars). Please contact Kelly Jarvis, at [kjarvis@asce.org](mailto:kjarvis@asce.org), or Mike Cook at [mcook@asce.org](mailto:mcook@asce.org).

## Younger Member Group

Many thanks go out to Todd Hanlin and Jill Preston from Stantec for their intriguing presentation on the Havasupai Indian Reservation in the Grand Canyon Area of Arizona. Additional thanks go out to Matrix Design Group for hosting the presentation and providing lunch for those who attended. The next technical presentation will be on **Thursday, December 13**. PB will be hosting this presentation on **the redevelopment of Union Station and the surrounding area**. Lunch will be provided to those who RSVP. Keep an eye out for the November YMG newsletter for details.

The next YMG event will combine the November Happy Hour with a screening of the new Warren Miller Film *Playground*. Ticket price is \$23. Join the YMG group for Happy Hour before or for the movie as well. YMG will also be attending a **Denver Nuggets game** at the end of November. On **Friday, November 30**, the Nuggets will be playing the Los Angeles Clippers. If you are interested please contact Erin Trahan at [trahan@pdworld.com](mailto:trahan@pdworld.com). Again, keep an eye on the YMG newsletter for more details. Finally, some YMG'ers will be attending Boulder's Underworld Tour. This is a Bicycle Tour of three of the new Bike Underpasses. See the following link for more details: [Boulder Underworld](#).

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. If you would like to present a project or provide a demonstration to the Younger Member Group, please contact [Colin Haggerty](#). Come join us at any of our upcoming events! We are also looking for a several officers to help us with our organization. Please visit our web site at

[www.ASCEcoloradoYMG.org](http://www.ASCEcoloradoYMG.org)

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