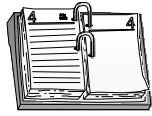


News & Notes...



303-756-9777 – New Section Phone...

Please note that the Colorado Section ASCE has a new phone number: 303-756-9777. This number is available for your convenience if you wish to communicate with the Section. You generally will receive a response to any voice messages within three business days, sooner if you specify an urgency to your call. Be sure to leave your name and phone number and to explain the reason for your call. This last point is important so that your name and contact information can be given to the Section officer, committee chair or other member best able to respond. You also can communicate with the Section via email to colasce@attglobal.net. Contact information for Section officers, committee chairs and other select leaders can be found at the Section's website <http://sections.asce.org/colorado>. Some of this information is published in the Section's newsletter as well.

Awards Chair Needed Through May 2005!...

Due to increasing professional and personal commitments, Tony Huerta has resigned from his position as the Colorado Section ASCE Awards Chair. We thank Tony for good service to, and support of, the Section. We wish him much success in his activities.

The Executive Committee is asking for a volunteer to pick up the Awards Chair duties, at least through May 2005. The primary duty of the Awards Chair is to organize the Faculty and Practitioner Advisors to our Student Chapters to nominate and select the students to receive awards at the Student Awards Night Dinner Meeting in April. Edward Stafford (estafford@ci.arvada.co.us or 720-898-7745), our Secretary and former Awards Chair, can give anyone who may be interested a detailed job description. Please contact Edward or any Executive Committee member if you can possibly help.

Rebuilding Together: Making Good Things Happen!...

The Colorado Section ASCE, in partnership with Rebuilding Together* Metro Denver, is working to build a better world. Their mission is to repair homes so the low-income elderly and disabled homeowners may continue to live in warmth, safety and independence. Since its inception in 1999, the metro Denver nonprofit has rehabbed a total of 119 homes and 6 nonprofit facilities. Through donated



Colorado Section 2004-2005 Leadership Roster

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supplies and materials, Rebuilding Together is able to leverage \$4 of services for every \$1 donated. The work of Rebuilding Together could not happen without the generosity of hundreds of skilled and unskilled volunteers joining together to transform homes. Last spring, nearly 1,000 volunteers reported to "work," performing hundreds of repairs such as installing new roofs, carpets, floors, wheelchair ramps, deadbolts, windows and appliances. Unskilled volunteers helped with painting, landscaping and weatherizing to make homes clean and comfortable.

We invite you to go online to read more about the national and local Rebuilding Together organizations. Get to know us better and then to join us!

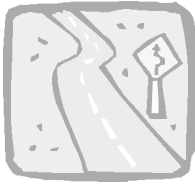
<http://www.rebuildingtogether.org/>

<http://www.rebuildingdenver.org/>

We encourage you to make a difference by getting involved. Each and every donation of time and money is important. All funds are tax-deductible and go directly to Rebuilding Together* Metro Denver. ASCE members along with their friends and family can be Rebuilding Together volunteers. The Younger Member's Group has always been supportive and we look forward to their continued commitment. For more information contact Gary Brierley, Brierley Associates LLC, 303-703-1405, gbrierley@BrierleyAssociates.com.

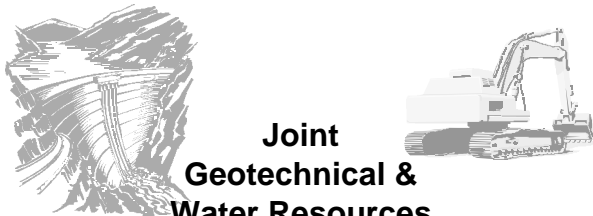
2005 ASCE Dues Reminder...

If you haven't already done so, please renew your ASCE dues for 2005. Thanks!



Transportation Group Meeting

The Colorado Department of Transportation has been actively involved on two assignments along the Valley Highway (I-25) in the Denver Metro area – **replacement of the Broadway Viaduct** and **production of an Environmental Impact Statement (EIS) for the corridor from Logan to US6**. The existing Broadway viaduct is in its final stages of replacement integrating CDOT's new precast tub girder on spans approaching 150 feet. The Valley Highway EIS is reaching a milestone in its production – the Draft EIS will be available for public and agency comment in early 2005. The document summarizes over two years of engineering, environmental analysis, and public discussion relative to the I-25 and US 6 corridors. **Dean Bradley**, Felsburg Holt and Ullevig, and **Kent Montgomery**, Figg Bridge Engineers, will provide an update on these two projects. Dean is the consultant project manager for both projects and will discuss the EIS progress specifically. Kent Montgomery is a senior bridge specialist and has been the design project engineer for the new Broadway Viaduct.



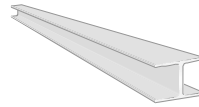
Joint Geotechnical & Water Resources Group Meeting

Deputy State Engineer, **Jack Byers**, PE, will join us for a **discussion on the Proposed Changes to Dam Safety Rules**. The Dam Safety Rules were adopted in 1988. After 16 years the rules need to be updated and revised to reflect the current state-of-practice and technology changes. This is very evident in the area of inflow design flood determination and the meteorology associated with extreme precipitation events. The Office of the State Engineer has drafted proposed rules and is looking for constructive feedback. Jack will give a brief overview of the proposed changes and will then open up the floor for feedback and comments. The Rules will be available on the Division of Water Resources website in January 2005, or interested parties may contact Jack Byers at 303-866-3581 or jack.byers@state.co.us.



Environmental Group Meeting

Harry Jong, PE, ASCE Fellow, Environmental Engineer (retired from the Bureau of Reclamation and currently assisting the U.S. Environmental Protection Agency, Region 8, with the Safe Drinking Water Act's direct implementation program related to public water systems), will give a presentation on **Ecological and Environmental Issues Related to the Three Gorges Project**. Harry's presentation will review the book "Ecology and Environment of the Three Gorges Project." This project, including the dam, power plants, ship locks and spillway, is on the Yangtze River in China. Where information is available, some of the environmental issues will be discussed. In addition, Harry will highlight environmental protection measures along with monitoring plans. Harry participated in a group tour of this project in October 2004.



Structural Group Meeting

The Structural Technical Group's planned January breakout session has been canceled due to a scheduling problem with the speaker. Chair Taka Kimura encourages you to attend the monthly dinner meeting and one of the other three great presentations being offered.

Upcoming Dinner Meetings

Thursday, February 17, 2005
 Thursday, March 17, 2005
 Thursday, April 21, 2005
 (Tentative—Annual Student Awards Night)
 Thursday, May 19, 2005
 (No June, July or August meetings)

Correct Your ASCE Database Information Online

You can update your address or other database information at anytime with ASCE by going online to www.asce.org/myprofile. Also, if you have any questions of ASCE, email them to member@asce.org for an official response.

**10th Annual Short Course on
Finite Elements In
Geotechnical Engineering
Colorado School of Mines
Monday-Wednesday, March 21-23, 2005**

Based on a new edition of the successful textbook co-authored by the instructor (*Programming the Finite Element Method*, by I.M. Smith and D.V. Griffiths, 4th ed., Wiley, 2004), this three-day course combines lectures with supervised desk-top computing sessions in which participants will learn to run a powerful suite of finite element programs relating to practical geotechnical engineering. Classical geotechnical applications will be covered, e.g., settlements, seepage, consolidation and slope stability. Participants will receive a copy of the course textbook and all source code which consists of over 50 programs covering a wide range of engineering analysis applications. Attendees are encouraged to bring their own lap-top computers so that the programs can be installed during the course. See web site http://www.mines.edu/Outreach/Cont_Ed/fege.htm for further information. Alternatively, contact the course instructor Vaughan Griffiths (303-273-3669, FAX 303-273-3602, Email d.v.griffiths@mines.edu) or Melody Francisco at the Office of Special Programs and Continuing Education (303-273-3321, FAX 303-273-3314, Email mfrancis@mines.edu).

Younger Member Group

The 2005 Kick-off Party is Thursday, January 27, at The Hornet! Please come to the kick-off party to celebrate a new year and enjoy some time with your ASCE friends. The kick-off party is a celebration for current members and an outreach to soon-to-be-members. Invite coworkers and other civil engineers and join us on January 27th!

The YMG is planning lots of activities for 2005 including a group ski and snow-boarding day at Winter Park, volunteering at the Denver Rescue Mission and for the Future Cities Competition, touring T-REX, and hosting a seminar on retirement investments. Also, see this newsletter's Page 2 item about another of the YMG's great activities, Rebuilding Together*Metro Denver, and consider participating next April as we help a needy local household.

If you're interested in learning more about the Colorado Younger Member Group, come to one of our happy hours on the second Thursday of each month or join us at our 2005 Kick-off party. Please visit our web site and click on the "Newsletter" tab for current events.

<http://www.ASCColoradoYMG.org>



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