

News & Notes...

Water Resources Technical Group Seeks Member Preferences...

The Water Resources Technical Group has announced its tentative technical program for the 2006-07 year. Options exist for the traditional May field trip, and the group would like to hear member preferences. Please contact Chair Steve Lowry (see adjacent column for phone and email) to express your preferences. The current options are:

- SEWCD Tour (1 or 2 day)
- NCWCD Facility Tour
- Canoe/Raft Trip on the Platte–Chatfield to Union–Changes in Urban Streams, and
- The Good Dam Field Trip–Front Range Dams: Reuter Hess & South Platte Reservoir.

Next month's October 19 program will be by George Annondale on the Peace Process in India and Pakistan–Sediment Issues at Baglihar Dam, Kashmir. The November 16 program will be by Hussein Amery on Middle East Water Issues. December will see the traditional Holiday Luncheon. The Arkansas Valley Conduit and Approaches to Metro Area Water Supplies are early 2007 topics.

ASCE Publishes Ken Wright's New Book on *Tipon: Water Engineering Masterpiece of the Inca Empire...*

Colorado's own Ken Wright has done extremely interesting work on engineering among the ancients. His new book on Tipon reveals the beauty and the ingenuity of this little-known jewel of the Inca Empire. Located down the Huatanay River Valley by the Inca capital of Cusco, Tipon is a 500-acre, self-contained, walled settlement that served as an estate for Inca nobility. This historic agricultural site, which has been farmed and partially irrigated for more than 450 years, is a stunning civil engineering achievement by the Inca, who were masters of irrigation and hydraulic technology. They designed buildings, waterworks, and massive structures to be visually and functionally in harmony with the natural environment. In planning a place that would integrate water, soil, agriculture, and topography, the Inca created a virtual water garden that impresses all who visit. Ken takes readers on a tour of Tipon's canals, plazas, aqueducts, and fountains — infrastructure that transformed a remote mountainside into a true engineering marvel. With a detailed walking guide and beautiful photos, this book provides modern engineers and casual tourists alike with an appreciation of the Inca civilization through the great works they left behind.



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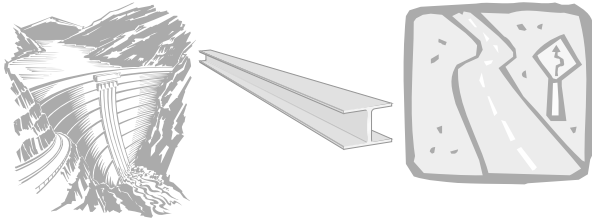
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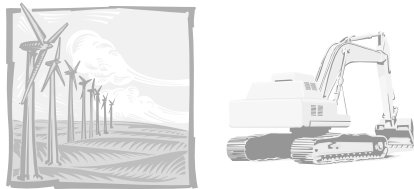


2006-07 Year to Start With a Joint Presentation for All Groups

Observations of New Orleans' Levees after Hurricane Katrina

The Colorado Section ASCE's first dinner meeting of the 2006-07 year will feature a single presentation which will be of great interest to all. **R. Lee Wooten**, PE, Vice President and Design Division Manager for GEI's Winchester, Massachusetts office and recently a member of the Levee Assessment Team organized by ASCE following hurricane Katrina in 2005, will share his **Observations of New Orleans' Levees after Hurricane Katrina**.

The storm surges produced by Hurricane Katrina on August 29, 2005, resulted in numerous breaches of the extensive levee system designed to protect the city of New Orleans. These breaches allowed flooding of approximately 75% of the metropolitan area of New Orleans resulting in billions of dollars of damage and the loss of hundreds of lives. ASCE sent in a team of engineers in late September and early October to observe the extent and nature of the major levee breaches. Lee was part of ASCE's levee assessment team and will describe the observations of the aftermath of the Katrina event as it affected the hundreds of miles of levees in the New Orleans area.



Note: As this month's President's Message mentions, the 2006-07 dinner meeting format is being shortened in response to member suggestions made on the May newsletter's member survey. Please break the ice with others by introducing yourself to them during the social period and dinner since after dinner self introductions are being dropped to shorten the length of the evening's program. Also, general announcements will begin during dessert allowing technical presentations to begin by 7:30 PM and the evening to end by 8:15 PM or so.

57th Annual Highway Geology Symposium in Breckenridge September 26-29

CDOT and CGS are hosting the 57th Annual Highway Geology Symposium (HGS) Tuesday through Friday, September 26-29, 2006, at Breckenridge's Beaver Run Resort. Co-sponsors include CAGE, AEG and the Colorado Section ASCE. The meeting will feature papers and poster presentations on Landslides/Slope Stability, Hazards, Geophysical and Imaging Techniques, and Geotechnical Applications. The program and full details are available at: <http://www.highwaygeologysymposium.org/>, the HGS website.

The HGS was established to foster a better understanding and closer cooperation between geologists and civil engineers in the highway industry. A field trip will include a series of dramatic stops: Georgetown with a presentation on rockfall; Silver Plume to look at the challenges avalanches bring to Colorado roadways; the engineering of the Eisenhower Tunnel and the nearby bedrock slide; Loveland Pass or Clear Creek Overlook; and Dillon Dam.

Bring your family for a wonderful fall experience in the Colorado Rockies and benefit from a great program at the same time. Visit the website and register today!

GEO-volution: The Evolution of Colorado's Geotechnical and Geotechnical Engineering Practice

The 2006 geotechnical seminar, a continuation of the biennial series presented by the Geotechnical Group of the Colorado Section ASCE, CAGE, AEG, and the ASCE Geo-Institute, will be presented on Friday, November 10, 2006, at the Sheraton Denver West Hotel located at 360 Union Boulevard in Lakewood. The goal of the seminar is to enhance the technical knowledge of local geotechnical engineers and geologists in areas of current regional interest.

Sponsor and exhibitor information is available on the Colorado Section ASCE website. Registration information will be available in September. For more information contact Minal Parekh at mparekh@lymanhenn.com.

Upcoming 2006 Section Meetings

Thursday, October 19, 2006
Thursday, November 16, 2006

Consider a Winter Get-Away of a Different Kind This Year: India on A Water for People Tour!

Are you looking to escape the Denver winter this year? Water For People, the Denver based organization associated with the American Water Works Association, offers Country Tours to those locations where they have projects. The next Tour will be to India, December 7 - 11, 2006. Costs are about \$1000 plus airfare, food and hotel. People who make the trip give it great reviews. Spots are filling fast. Contact Nancy Stewart or Wende Valentine at WFP at 303-734-3489 or go to the Country Tours section at <http://www.waterforpeople.org/educate.html>, the WFP web page.

Ken Wright Elected an Honorary Member of ASCE!

The Colorado Section ASCE heartily congratulates Ken Wright on his election earlier this year to Honorary Member of ASCE. This high honor is among many Ken has received during his long engineering career and service to the profession at all levels.

Younger Member Group

The YMG is looking forward to a great fall. We are volunteering with the Math Enrichment Program to tutor minority high school students in math. We're continuing to volunteer at the Denver Rescue Mission (a homeless shelter). We are participating in the Urban Peak Dinner Volunteering and JETS (teaching Civil Engineering to high school students).

The 5th Annual Colorado Section ASCE Golf Tournament was a great success with over 100 golfers and a grand prize of two airline tickets. The YMG is excited that the tournament brought in over \$3000, and we're thankful to the Section members who continue to make the tournament a success. Our summer picnic went splendidly and our Volleyball team the "Ditch Diggers" played valiantly in their annual tournament. We are continuing to plan trips to sporting events, technical tours, museum exhibits and many other activities. Upcoming activities include a pool tournament, volunteering with local organizations, and happy hours. Come join us at any of our upcoming events! We are looking for a Community Service Chairperson to help us with our organization.

Please visit www.ASCEcoloradoYMG.org, our web site, and click on the "Newsletter" tab for more information on current events.



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