



Volume 6, Number 4

April 2003

## Student Night/Awards Dinner Meeting Thursday, April 17, 2003

<b>Social Hour:</b>	<b>5:30 pm</b>
<b>Introductions/Dinner:</b>	<b>6:30 pm</b>
<b>Student Awards:</b>	<b>7:30 pm</b>
<b>Keynote Guest Speaker:</b>	<b>8:15 pm</b>
(Patricia Galloway, PE, ASCE President-Elect - see page 3)	

**Holiday Inn Northglenn** ✧ 10 E. 120<sup>th</sup> Avenue ✧ Northglenn  
(Note special location near I-25 & 120th)

\$25.00 per person                      \$5.00 for students  
(Pay on site - cash or checks payable to *Colorado Section ASCE*)

### Make Reservations by Noon Monday, April 14, 2003

Leave a voice message reservation on the ASCE answering machine at (303) 758-1445  
Or send an E-mail message reservation to [colorado.asce@attglobal.net](mailto:colorado.asce@attglobal.net)  
please **spell your last name** when making dinner reservations

## President's Message...

### Student Awards Night and President-Elect Galloway Visit

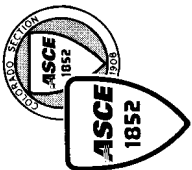
Our Section meeting this month will be the Student Award's Night and to present the awards is the ASCE National President-elect, Patricia Galloway. The Section will be hosting President-elect Galloway for the day, and she will be visiting local engineering companies, universities, government agencies and legislators during her day with us. I hope all of you can make it to honor the best civil engineering students in the country that evening. President-elect Galloway is a dynamic leader and speaker with a strong vision for the future of our profession.

### The Big Straw

I received some comments from last month's newsletter encouraging our members to participate in politics. There was disagreement on my comments regarding the - horribly-named - Big Straw concept for bringing more water from the western to the eastern slope. I provide part of one response from Ray Hamilton:

"The simplistic concept of the 'Big Straw' as one big pipeline may apply to your quote. However, the concept of using our unallocated share of Colorado River water where it's needed in the Front Range isn't far fetched. It's been repeatedly shown that people live where people want to live—not necessarily where the water is. Therefore, as Civil Engineers, it's our responsibility to provide the water to the people in as responsible, cost-efficient and environmentally sustainable way as possible. Therefore, the concept of moving West Slope water to the Font Range needs to be seriously evaluated, as do all other alternatives. No one alternative is going to be perfect."

Point well made, indeed. It is great to have this thoughtful debate on these issues, but we need to take them to the House—pun intended—and keep our politicians informed.



**Jeff Benson**



## News & Notes...

### Last Call for Volunteers for Rebuilding Day 2003, Saturday, April 26th...



Rebuilding Day 2003 is Saturday, April 26<sup>th</sup>. House Sponsor, Colorado Section ASCE, has been assigned its house. It's at 2255 Gaylord St. in Denver. 79-year old Lorene Hodge lives there with her family. Skilled Captain, Doug Jenevein, is planning the project and assembling the materials and equipment; Volunteer Captain, Alecia Cope, is recruiting volunteers and assisting Doug. They are setting the groundwork for us to do a great job in making Lorene's home warm, safe and dry. **BUT, WE'RE SHORT ON VOLUNTEERS!** We need you to join this very worthwhile Colorado Section ASCE community service activity, now. Bring your family; bring a friend. Volunteers must be over age 14. Please contact Alecia at [acope@mullereng.com](mailto:acope@mullereng.com) or at 303-988-4939. Remember, you don't have to be "Tim the Tool Man" or "Bobbie the Builder." Each volunteer will have a useful assignment that suits him or her.

### Colorado Section ASCE Wins 150<sup>th</sup> Anniversary Awards...



ASCE President, Tom Jackson, presents 150<sup>th</sup> Anniversary Awards to Colorado Section ASCE representatives at the 2003 Zone III Workshop (See February Newsletter for more information)

Please contact John Gormley, Colorado Section ASCE 150<sup>th</sup> Anniversary Chair at 303-858-8008 or [gormleyjt@msn.com](mailto:gormleyjt@msn.com) for more information on any of the above.

### National Academy of Engineering April 10 Symposium on Tall Buildings: Are They Safe Enough?

The National Academy of Engineering will hold a Public Regional Symposium in Boulder on Thursday, April 10, 2003, from 2:00 pm–5:30 pm at the Bechtel Collaboratory, Discovery Learning Center, College of Engineering and Applied Science, University of Colorado at Boulder. The general topic is Tall Buildings: Are They Safe Enough? The program will include four presentations: Disasters by Design, Tall Buildings – Evolution Toward Vulnerability?, Anatomy of a Disaster: The World Trade Center Investigation, and Probability-Based Structural Design: Acceptable Risk Bases. There will be a reception immediately following the program. See the Colorado Section ASCE's web page at <http://sections.asce.org/colorado> for more information.

### April 18 Short Course on Geosynthetics In Hydraulic Engineering Applications...

The Geosynthetic Institute and the University of Colorado at Boulder are pleased to invite you to participate in a short course on "Geosynthetics in Hydraulic Engineering Applications." The instructor will be Dr. Robert M. Koerner, H.L. Bowman Professor at Drexel University and Director of the Geosynthetic Institute.

The short course will take place on Friday, April 18, 2003, from 8 am to 4 pm at the Engineering Center of the University of Colorado at Boulder. Lunch will be provided. The registration form for the short course, with additional information regarding the course outline, directions and parking information are available by contacting:

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<http://civil.colorado.edu/~zornberg>

This effort in hydraulic structures represents a new emphasis in the geosynthetics area, beyond the more traditional environmental and transportation areas.

**ASCE  
President-Elect  
Pat Galloway  
to Keynote  
Student Night  
Awards Meeting**



**Pat Galloway**

**Pat Galloway**, PE, ASCE's President-Elect, will join the Colorado Section ASCE for its annual Student Night and Awards Program. Pat is Chief Executive Officer and President of The Nielsen-Wurster Group, Inc., an international management consulting firm with offices throughout the United States, Europe and the Asia-Pacific region. In August 2002, she became the first woman engineer elected to serve as ASCE President. She began her term as President-Elect on November 6, 2002.

Pat is an internationally recognized leader in civil engineering and construction providing management consulting, risk management and dispute resolution services on building, infrastructure, power, process and transportation projects around the world. She is best known for her expertise in project controls, risk analyses and delay and disruption issues. She has testified extensively as an expert witness and has served as an arbitrator in both international and domestic venues. She also serves on several profit and non-profit Boards, provides management insight to companies all over the world, lectures widely and has authored more than 50 articles and publications. Pat is a licensed Professional Civil Engineer in 10 US states and the Canadian Province of Manitoba, a certified Project Management Professional (PMP), and a Member of the Academy of Experts (U.K.). She holds a BS in Civil Engineering from Purdue University and an MBA from the New York Institute of Technology. Among her numerous awards is Engineering News Record Top Women in Construction.

Pat is also Chief Executive of Nielsen-Wurster Asia-Pacific, based in Melbourne, Australia, a Chartered Civil Engineer and a Fellow of the Institution of Engineers, Australia.

Be sure take advantage of this opportunity to meet ASCE's top leadership and to ask your questions about ASCE's future direction and emphasis. Let Pat know your thoughts on the

**Historic Civil Engineering  
Landmarks of Colorado**

As members of a grand profession that played a significant part in the development of Colorado, we should be interested and active in preserving and propagating the memory of the critical role played by our civil engineering predecessors and their important works. The Colorado Section ASCE's History and Heritage Committee invites all interested ASCE members to **take part in a new project to develop a booklet or a series of articles intended to portray many of the important and historic civil engineering landmark structures that helped shape our State and heritage.**

Many of us have personal favorites among the many historic civil engineering structures found throughout Colorado. The types of structures to be portrayed should include a wide variety of projects, such as mining, railroads, roadways, water supply and irrigation, dams, hydroelectric power, buildings, bridges, and tunnels, which properly portray our rich heritage. Booklets presenting Local and National Historic Civil Engineering Landmarks were produced by various ASCE sections in the 1970's. Their booklets, put together by ASCE members and published with industry support, serve as examples of successful efforts of that type.

Colorado has four National Historic Civil Engineering Landmarks – can you name them? Should we have more of them? Would you like to know where to go to find them, knowing something about them?

The Colorado Section ASCE's History and Heritage Committee would like your help and participation in this exciting and rewarding project. We would **particularly encourage our Life Members to join in the effort** to produce what should be an interesting and valuable publication. If you can **help us with research, records, personal experience, pictures, or simply suggestions, information, and encouragement**, please contact Dick Wiltshire, History and Heritage Committee Chair. He can be phoned at work at 303-445-3042; e-mailed at [dwiltshire@do.usbr.gov](mailto:dwiltshire@do.usbr.gov), or sent mail at Bureau of Reclamation, Mail Code D-8311, Denver Federal Center, PO Box 25007, Denver, CO 80225-0007. We look forward to hearing from you.

**Thursday, May 15, 2003,  
is the last Section dinner meeting  
before the Summer break**



**Colorado Section**  
2002-2003 Leadership Roster

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## Younger Member Group (YMG)

You now have the opportunity to put your name on the ballot to become an officer and help continue the success of the Colorado YMG! Web-master, treasurer, activities chair, and student outreach are positions looking to be filled. Elections start April 3<sup>rd</sup>. Feel free to contact your current officers with questions or interest. Find us at

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

The next Younger Member Group Happy Hour will be held at the Rock Bottom Brewery in downtown Denver at 6 PM on Thursday, April 10<sup>th</sup>. Enter your business cards to win a gift certificate to Rock Bottom. The Younger Member Group has a lot of activities planned for the upcoming months and we hope you will join us! Upcoming events include a Colorado Mammoth Game, a tour of the Traffic Management Center, Rebuilding Day 2003, a Colorado Crush Game, a Financial Planning Seminar, and the start of our third volleyball season. Please view the YMG monthly newsletter for details of these events at

[www.ascecoloradoymg.org/Newsletter.htm](http://www.ascecoloradoymg.org/Newsletter.htm)



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