



ASSOCIATION OF ENGINEERING GEOLOGISTS

"Serving Professionals in Engineering, Environmental, and Ground-Water Geology"

THE ROCKY MOUNTAIN SECTION NEWSLETTER

MEETING DATE

**THURSDAY
SEPTEMBER 13,
2001**

TIME

5:45 p.m. Social Hour
6:30 p.m. Dinner
7:30 p.m. Presentations

LOCATION

GEOLOGY MUSEUM
Colorado School of Mines
Golden, CO

COST

\$20 Members
\$22 Non-members
Free for Students

RESERVATIONS

c/o AEG Reservation Line
(303) 790-2161 x 243
**BY NOON, FRIDAY
SEPTEMBER 7th**

The Rehabilitation of the Laramie-Poudre Tunnel: A Multimedia Experience in the Bowels of the Earth

Dr. Christoph Goss, Tunnel Engineer, Rocky Mountain Consultants Inc.

Water is arguably Colorado's most precious resource. To harness its life-giving power, farmers and developers built systems of ditches, canals, and tunnels through the Rockies. One of these tunnels was built from 1909 to 1911 to convey water from the Laramie River into the Poudre River for use along the Colorado Front Range. Cleverly named the Laramie-Poudre Tunnel, it conveyed irrigation water for 75 years, but in the spring of 2000, the center of the tunnel collapsed. Plans were drawn up and equipment was mobilized to restore the tunnel for the 2001 irrigation season. During the winter and spring of 2000-2001, the tunnel was secured and the collapsed section re-mined, allowing water to flow in May 2001. Work is currently underway to secure the remainder of the east half of the tunnel.

The presentation will deal with the history, physical state, and repairs to the tunnel. It will truly be a multimedia talk, featuring both slides and video. In April 2001, a news team from Channel 7 spent a day taping all aspects of the project. They kindly provided a copy of the footage to allow the audience to experience a trip underground.

Upcoming Events

The next joint ASCE/AEG/CAGE Geotechnical Meeting is tentatively scheduled for October 2002. The previous joint meeting was a huge success and AEG shared in the profits due to the large number of AEG members involved with the planning committee. The next planning meeting is scheduled for September 7 at 7:30 AM at the offices of CTL Thompson. Contact Tom Terry for more details tterry@ctlthompson.com or visit the meeting website at <http://sections.asce.org/colorado/index.html> and select the steering committee link.

Fall 2001/Spring 2002 Speakers and Locations

October 11th – CSM Museum – Jim Lambrechts (Haley & Aldrich) – Ground Improvement

November 8th – CSM Museum – Jon White (CGS) - Study of Collapsible Soils Across Colorado

December 13th – Family Night at CSM Museum – Jonathan Caine (USGS) – Pole to Pole - A Geologic Journey of Antarctica and Greenland

January 10th – Golden Community Center – Bob Schuster (retired USGS) - Dams Built on Pre-Existing Landslides

February 14th – CSM Student Center – Student Career Night

March 14th – Golden Community Center – Myles Carter, AEG President

April 11th – Golden Community Center – Dr. Perry Rahn, South Dakota School of Mines, AEG Jahns Distinguished Lecturer

May 9th – Golden Community Center – Open

Please let Peggy Ganse or Tim Petz know if you or someone you know would be interested in giving a talk at an upcoming RMS meeting.

Section News

1. We are proud to announce that three of our members have been honored with Association awards. Sam Bartlett and Mark McKeown will receive the Claire P. Holdredge Award for their outstanding publication "Engineering Geology Field Manual". Peggy Ganse is to receive the Douglas R. Piteau Outstanding Young Member Award. Also, Perry Rahn has been designated the Jahns Distinguished Lecturer for 2002.
2. The Board of Directors meeting for the Association will be held after the Annual Meeting. Peggy Ganse and Tim Petz are attending. Please contact either of them with any concerns you want voiced to the Executive Council and the Board.
3. The 2003 AEG national meeting will be in our own backyard at Vail. Mike Hattel is scheduling a meeting during the week of Sept 17, but hasn't yet worked out the details. Stay tuned to the Email News for information about time, date, and location.

4. Alyssa Kohlman is actively seeking speakers for the CSM Student Section. Please contact her at alyssakohlman@hotmail.com if you are interested in sharing your knowledge and experience.
5. Ed Friend and Kristi McQuiddy have taken over the RMS newsletter. Please forward any newsworthy items to efriend@geiconsultants.com or kmcquiddy@geiconsultants.com.

Call for e-mail Addresses

The following members have not listed an e-mail address with the Association. Warren Bennett, Kevin Bjella, Michael Bukovans, Gerald Burk, Susan Buth, David Butler, John Cabrera, Charles Campbell, Chris Chapman, Tedd Coffman, Jerry Dodd, John Doty, Christoph Erskine, Ryan Fisher, Marion Glassgow, Thomas Griepentrog, Stephen Hart, Jeffrey Hynes, Thomas Karnuta, Micah Keller, Nancy Lamm, Douglas Leafgren, Richard Lemke, Eric Lorensen, Tim Manzagol, Roy McKinney, Nancy McNab, Deborah Miles, Charles Miller, Carlton Miller, Jay Miller, Charles O'Melven, Marcus Pardi, James Pendleton, Bruce Peterman, Kent Peterson, Kathleen Proffer, Gordon Revey, Charles Robinson, Damon Runyan, Mike Scrivner, Peter Shaffner, Greg Sherman, William Sherman, Harry Siebert, Thomas Staatz, R.T. Strain, Robert Thommen, Michael Unger, David Varnes, Curt Wells, Gary Whitt, Scott Winters. If you have one, please contact Scott Walker at srwalker@geiconsultants.com. Hard copies of the newsletter will only be mailed to those members who do not have an e-mail address and those who specifically request hard copies. By e-mailing the newsletter it saves the section a good deal of money that can be spent in other areas.

Section Website

The RMS website is changing again. We are in the process of securing our own domain at <http://www.aegrms.org>. The change to the new site address should be occurring in the very near future, until then, the website is temporarily located at <http://home.earthlink.net/~jganse/aeg>.

RMS Officer Contact List

Chairperson	Peggy Ganse, Haley & Aldrich, 303.534.5789, ext. 3210, MAG@haleyaldrich.com
Chair-elect	Tim Petz, Church & Associates, Inc., 303.463.9317, tpetz@geo-church.com
Secretary	Jim Wright, GEI Consultants, Inc., 303.662.0100, jwright@geiconsultants.com
Treasurer	Sam Bartlett, U.S. Bureau of Reclamation, 303.445.3142, srbartlett@do.usbr.gov
Membership	Scott Walker, GEI Consultants, Inc., 303.662.0100, srwalker@geiconsultants.com
Newsletter	Ed Friend, GEI Consultants, Inc., 303.662.0100, efriend@geiconsultants.com Kristi McQuiddy, GEI Consultants, Inc., 303-662-0100, kmcquiddy@geiconsultants.com
Website	Ed Friend, GEI Consultants, Inc., 303.662.0100, efriend@geiconsultants.com
Past Chair	Tom Terry, CTL Thompson, 303.825.0777, tterry@ctlthompson.com

AEG 2001 Annual Meeting

The St. Louis AEG Section is hosting the Annual meeting this year September 29 to October 7, 2001. The joint meeting with American Institute of Professional Geologists (AIPG) will have some new formats and synergies with our allied organization. The meeting venue will be at the Hyatt, Union Station, St. Louis.

Field Trips. Six field trips are presently planned for pre- or post-meeting attendance. The topics and proposed dates follow. Contact Duane Kreuger [dk@geotechnology.com] for more information.

- **St. Francois Mountains and Mine Tour** - 10/01/01 - 10/02/01
- **Characterization of Previously Mined Ground – Joplin, MO** - 9/29/01 - 10/01/01

- **Ozark Plateau Karst Geology** - 10/02/00
- **Abandoned Mine Reclamation Sites, Southern IL** - 10/02/00
- **Neotectonics of SE Missouri** - 10/05/00 (5 pm start on Friday) - 10/07/00
- **Weldon Spring Site Remedial Action Project** - 10/06/00

Short courses. Eight professional development and technical short courses are presently planned for pre- or post-meeting attendance. Topics of the four professional development courses are included below.

- **AIPG's Continuing Professional Development Program** (Tom Fails);
- **Practical Geoscience Ethics: Elements, Examples, and Education** (Dave Abbott and John Williams);
- **Section Officers Training** (Bill Siok and Christopher Mathewson);
- **Understanding Natural Geologic Hazards -- What Everyone Should Know** (Dr. Robert Font).

Topics of the four technical courses are presented below. Contact Karl Finke [nrfinkk@mail.dnr.state.mo.us] for more information on the technical topics.

- **ASFE Loss Prevention Seminar-Field Representation**
- **Advances in Stream and River Management**
- **Construction in Karst**
- **Hydrocarbon Tracers for Differentiating Fuel Type**

Symposia. Seven diverse symposia topics for the St. Louis Annual Meeting consist of both invited and volunteered abstracts.

Aquifer Storage and Recovery (Zhuping Sheng, and Mike Fahy)

Case Studies of Innovative Approaches to Ground-Water Remediation (Bill Niemann)

Engineering Geology Solutions to Mitigating Karst (Jim Vandike)

Government and Mining (Larry Nuelle and Larry Coen)

Mid-Continent Earthquake Hazards (Dave Hoffman)

Overview of Recent Advances in Engineering Geology (Paul Santi)

Aquifer Storage and Recovery (Zhuping Sheng and Mike Fahy).

Technical Sessions. 23 Technical sessions are planned for the meeting.

AEG ROCKY MOUNTAIN SECTION

BALLOT FOR FALL 2001/SPRING 2002 OFFICERS

Fax or e-mail to Peggy Ganse, MAG@haleyaldrich.com, by September 30, 2001.

FAX TO: ATTN: PEGGY GANSE

FAX NUMBER: 303.534.1777

CHAIR-ELECT:

_____ Jim Wright

_____ (write in)

TREASURER:

_____ Matt Benson

_____ (write in)

SECRETARY:

_____ Scott Walker

_____ (write in)

Tim Petz was elected Chair-elect last year and will be taking over as Chair for Fall 2001/Spring 2002.