

# ASSOCIATION OF ENGINEERING GEOLOGISTS

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

---

## THE ROCKY MOUNTAIN SECTION NEWSLETTER

---

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

### MEETING DATE

THURSDAY  
OCTOBER 14<sup>th</sup>, 2004

### TIME

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

### LOCATION

**BERTHOUD HALL**  
**2<sup>nd</sup> Floor**  
Colorado School of Mines  
Golden, CO  
See map below

### COST

\$20 Members  
\$22 Non-members  
Free for Students first  
time, \$10 then after

### RESERVATIONS

c/o AEG Reservation Line  
(303) 790-2161 x 243 or  
[meetings@aegrms.org](mailto:meetings@aegrms.org)  
**BY NOON, TUESDAY**  
**OCTOBER 12<sup>th</sup>**

## The Application of Geological & Geophysical Exploration Techniques towards the Location of Clandestine Gravesites

Jim Reed  
NecroSearch International

NecroSearch is a non-profit organization that specializes in the search for clandestine gravesites. NecroSearch members include scientists and investigators who work on a volunteer basis. The NecroSearch mission is to assist law enforcement agencies by providing applied research, training, and on-site investigations. These investigations typically involve anthropology, botany, entomology, geology, geophysics, hydrogeology, serology, and on-site data processing.

This presentation will focus on the geological and geophysical aspects of NecroSearch as well as some of the digital techniques that merge these multivariate datasets into exploration/exhumation targets.

### Words from the Chair

Greetings! What a fast year it has been. I want to thank Darin Duran for his great leadership for the past year. I am just beginning to appreciate all the work that Darin and the other volunteers have done for AEG over the past year.

The upcoming year promises to be very busy. At the time of this writing we have many exciting and changing events that are ongoing, mainly the Dearborn Conference, the proposed CGS relocation, and the H2GEO

## **BOARD OF DIRECTORS**

### **Chairperson**

Ben Arndt  
Yeh and Associates  
303.781.9590

[chair@aeqrms.org](mailto:chair@aeqrms.org)

### **Chair-elect**

[chair-elect@aeqrms.org](mailto:chair-elect@aeqrms.org)

### **Secretary**

Scott Walker  
URS Corporation

[secretary@aeqrms.org](mailto:secretary@aeqrms.org)

### **Treasurer**

[treasurer@aeqrms.org](mailto:treasurer@aeqrms.org)

### **Membership**

Scott Walker  
URS Corporation

[membership@aeqrms.org](mailto:membership@aeqrms.org)

### **Newsletter**

Kristi Ainslie  
GEI Consultants, Inc.  
303.662.0100

[newsletter@aeqrms.org](mailto:newsletter@aeqrms.org)

### **Website**

Jill Carlson  
Colorado Geological  
Survey

[webmaster@aeqrms.org](mailto:webmaster@aeqrms.org)

### **Past Chair**

Darin Duran  
J.A.Cesare & Associates  
303.220.0300

[past-chair@aeqrms.org](mailto:past-chair@aeqrms.org)

### **Student Chair**

Morgan McArthur

[student-chair@aeqrms.org](mailto:student-chair@aeqrms.org)

### **Website**

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

Conference. I suspect most of us cannot make all of these events so hopefully we at least support one or two of them.

As Darin has stressed in the past, with the new Mission, Vision and Values statements, volunteerism will be as important as ever. Let's make the Rocky Mountain Section the leader as AEG moves forward to meet its goals to have AEG be recognized as the international leader in engineering geology just as ASCE is to civil engineering.

For the upcoming year my plan is to have interesting speakers and topics. For our October (Halloween Theme) meeting I have enlisted Jim Reed to present a very interesting talk on using the tools of our trade to find hidden human bodies and other items typically associated with law enforcement activities.

For Family Night we are also fortunate to have former Colorado School of Mines Professor John Abel talk to us about Mummies, Egyptian Tombs, and associated ground stabilization support techniques involved with such explorations.

As always please feel free to contact me about AEG. I look forward to a busy and fulfilling year!

## **Your Business Card Here**

The section is looking for companies or individuals who would like to advertise their products or services in the section newsletter and on the website. This is anything from a business card (\$10/month), quarter page spread (\$20/month), to a half page exposition (\$40/month). If you are interested, contact Kristi Ainslie [newsletter@aeqrms.org](mailto:newsletter@aeqrms.org).

## **Case Histories**

The past two years, we have read about very interesting projects from Harry Siebert and Charlie Robinson. We are still looking for individuals to provide their knowledge and experience to the AEG-RMS community through case histories and articles of interest. Please contact Kristi Ainslie at [newsletter@aeqrms.org](mailto:newsletter@aeqrms.org) if you have anything you would like to share.

## New Webmaster

Our plea for help with the webpage has been answered. Jill Carlson with CGS is the new webmaster. A big thanks to Jill for picking up this task! If you have anything you would like to post on the website, please contact Jill.

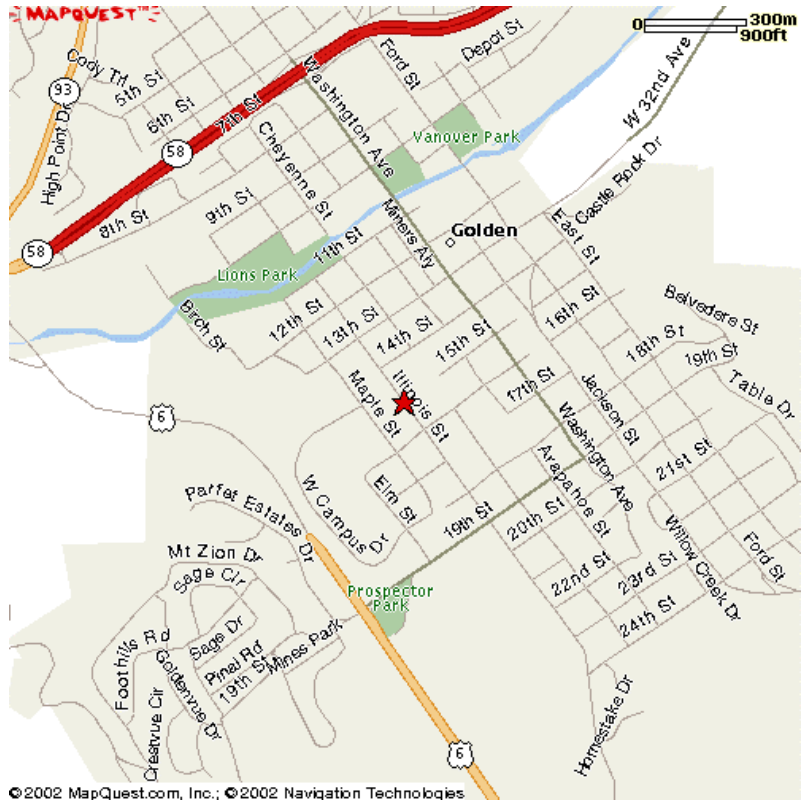


## Geotechnical Group Hosts Conference that Highlights Geotechnical Engineering for Water Resources Projects

Friday, October 22, 2004 the Geotechnical Group is hosting it's biennial seminar, entitled: **"H2GEO: Geotechnical Engineering for Water Resources."** The seminar will be a single-track, one-day event with sessions on Dams, Flood Hydrology, Underground, and Wells and Reservoirs. Dams discussed will include: Guanella, Washakie, Green Ridge Glade, and Pueblo. Flood hydrology includes projects along the Missouri River, the Snake River, Dry Creek, and fire-burned areas. The underground session will explore the St. Johns Tunnel, the Burlington Mine, the Pinery Dam Outlet Conduit, and 3-D modeling of a shaft station. The final session on wells and reservoirs will feature: Brighton's new water well, drilling fluid loss in Denver basin aquifers and conversion of gravel pits and rock quarries into municipal reservoirs. The luncheon will feature Ken Wright discussing Prehistoric Reservoirs of Mesa Verde. Exhibits by companies and sponsor organizations will be displayed during

all breaks. The seminar will be at the Radisson Hotel at Stapleton Plaza, located at 3333 Quebec St., Denver. Registration will be available online starting in mid August and at the door, (7:00 am), for \$140 (includes breakfast, lunch, coffee, and proceedings). Register early (prior to Sept. 21) for \$110. Students can register for \$35. The conference is co-hosted by Association of Engineering Geologists and the Colorado Association of Geotechnical Engineers. The ASCE Geo Institute will be publishing the proceedings. See the section's web page for more details,

[http://sections.asce.org/colorado/conference\\_hm.html](http://sections.asce.org/colorado/conference_hm.html).



**COLORADO SCHOOL OF MINES – BERTHOUD HALL**  
**1516 Illinois St.**  
Golden, CO 80401