



Association of Environmental and Engineering Geologists

The Denver Basin Cross-section Project: A Dynamic Tool for Regional Ground Water Management

MEETING DATE

THURSDAY
SEPTEMBER 10TH,
2009

TIME

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

LOCATION

Berthoud Hall,
Colorado School of
Mines
1516 Illinois St.
Golden, Co 80401
Room 205
See Map Below

COST

\$25 Members
\$27 Non-members
Students, free first
time then \$10

RESERVATIONS

meetings@aegrms.org
OR
WWW.AEGRMS.ORG

**BY NOON,
TUESDAY
SEPTEMBER 8TH**

Peter E. Barkmann
Colorado Geological Survey

The Colorado Geological Survey (CGS) has just completed a series of fifteen geologic cross-sections through the Denver hydrologic basin illustrating the diverse characteristics of the bedrock aquifers that supply water to a large area of the rapidly growing Front Range Urban Corridor. These cross-sections mimic fifteen cross-sections used by the Colorado Division of Water Resources in the 1980s to delineate the bedrock aquifers while developing the Denver Basin Rules that are used to allocate the ground water resource. Today's cross-section preparation utilizes modern computer based technology while incorporating the up-to-date geophysical log database. At the same time, this endeavor integrates recent surface geologic mapping by the CGS in a GIS environment to provide an in-depth three-dimensional view of this critical resource. Ultimately, this allows more robust analysis of the stratigraphic architecture of the sediments composing the bedrock aquifers and provides a dynamic tool for future water resource analyses. This publication will provide a powerful tool to the community for use in managing the critical ground-water resources of the Denver Basin.

Hard Copy Newsletters – No More

After the November 2009 newsletter, newsletters will only be distributed via e-mail. If causes you considerable concern, please contact us at newsletter@aegrms.org or mail at:

AEG-RMS
P.O. Box 280663
Lakewood, CO 80228

2009–2010 Meeting Presentations

September 10	AEG-RMS Section Meeting Speaker: Peter Barkmann, Colorado Geological Survey Topic: Denver Basin Aquifer Cross Section Project	CSM Berthoud Hall
October 8	AEG-RMS Section Meeting Speaker: Robin Dornfest, CTL/Thompson Topic: Geotechnical Implications of Sugar Beet Spoils	CSM Berthoud Hall
November 12	AEG-RMS Section Meeting Speaker: Ty Ortiz and Jerry Higgins/Ryan Bartingale Topic: CDOT Rockfall Program Update and CRSP 5.0	CSM Berthoud Hall
December 10	AEG-RMS Section Meeting Speaker: TBD Topic: TBD	CSM Berthoud Hall
January 15 (FRIDAY!)	AEG-RMS Section Meeting & Meeting w/ Exec. Council Speaker: AEG President Duane Kreuger Topic: Meeting with the AEG Executive Council	CSM Berthoud Hall
February 11	AEG-RMS Section Meeting (TENTATIVE) Speaker: Mike West , Michael W. West & Associates Topic: A 50-ft High, Basin & Range Fault Scarp!	CSM Berthoud Hall
March ____	AEG-RMS Student Night	CSM Berthoud Hall
April 8	AEG-RMS Section Meeting Speaker: TBD Topic: TBD	CSM Berthoud Hall
May 13	AEG-RMS Section Meeting & Family Night Speaker: Vince Matthews, Colorado Geological Survey Topic: TBD	CSM Berthoud Hall

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Officer Elections

Attached with this newsletter is a ballot for officer elections. Please fill it out and bring it with you to the September 10, 2009 meeting or e-mail your selections to newsletter@aegrms.org.



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AEG ROCKY MOUNTAIN SECTION
BALLOT FOR FALL 2009/SPRING 2010
OFFICERS

**E-mail to Edwin Friend, newsletter@agrms.org, by
September 18, 2009, or bring to the AEG-RMS meeting on
September 10.**

CHAIR-ELECT:

_____ Nate Soule

_____ (write in)

TREASURER:

_____ Jill Carlson

_____ (write in)

SECRETARY:

_____ Julia Frazier

_____ (write in)

**Adam Prochaska was elected Chair-elect last year and will be
taking over as Chair for Fall 2009/Spring 2010.**