



# AEG SACRAMENTO

## Monthly Bulletin and Meeting Announcement

### Announcing a July meeting!?!

Ordinarily we take a summer break for the month of July and don't host an AEG meeting in the Sacramento Section. But a unique opportunity has come our way and we're going to take full advantage of it! Our AEG National President, Dr. Terry West, is here in California this month and is coming to Sacramento on Wednesday July 25th to bring us up to speed on the state of the organization and present his talk on mass wasting in disturbed terrain. So be sure that you don't miss this one time opportunity to join us at our July AEG Sacramento Section meeting and see Dr. West. We look forward to seeing you all there!

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Section Meeting Date: July 25, 2007

Meeting Location: **California Fat's Asian Grill & Steakhouse**  
1015 Front Street (at J Street)  
Sacramento, California  
(Located in historic Old Sacramento)  
RSVP's are enthusiastically encouraged!

Meeting Schedule: 5:30 - 6:30 Sign-In & Social Hour  
6:30 - 7:30 Dinner & Announcements  
7:30 - 8:30 Speaker Talk & Slide Show  
8:30 - 8:45 Questions & Answers

*Mass Wasting in a Disturbed Terrain,  
Abandoned Coal Mine Site, Southwest Indiana*

Dr. Terry R. West, AEG National President  
Professor of Engineering Geology, Purdue University

**Abstract:**

The Friar Tuck Abandoned Mine Lands site in southwest Indiana near Dugger was mined for Springfield, Hymera, and Danville coals (Indiana Coal V, VI and VII) by area stripping and underground, room and pillar methods intermittently between 1929 and 1957. The Antioch Power plant operated from 1935-1952, but coal processing continued on the site until 1965. The mining at this location predated significant state and federal reclamation laws which, after its closure, caused it to be left as one of Indiana's largest and most environmentally adverse abandoned mine lands. Roughly two square miles in area, the site consisted of 1400 acres of unreclaimed castover strip piles and coal processing refuse deposits.

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**Dr. Terry R. West, AEG National President,  
Professor of Engineering Geology, Purdue University**

Terry R. West has a BA degree in Geology, a BSc. degree in geological engineering, and an MA degree in Geology with a minor in Civil Engineering from Washington University in St. Louis. He also holds an MSc. in Civil Engineering and a Ph.D. in Engineering Geology from Purdue University. He is a registered professional engineer in Missouri.



Dr West has been on the Purdue faculty for the last 45 years and is currently a Professor of Engineering Geology in the Department of Earth and Atmospheric Sciences. He has directed the studies of 75 graduate students, including 16 Ph.D.s and 59 master's degrees, all of whom finished their studies under his direction. He is a Past Chair of the Engineering Geology Division of GSA, Past Chair of the Steering Committee of the Highway Geology Symposium, and is the current President of AEG. He is a member of AEG, GSA ASCE and IAEG.

# Chairman's Message

by  
Eric Chase

Greetings Sacramento Section Members,

We now have candidates to fill all four section officer positions for the October 2007 through October 2009 term. They are: Chair – John Pfeiffer, Vice-Chair – Nate Manley, Secretary – Kelly Tilford, and Treasurer – Peter Holland. My sincere thanks go out to these volunteers, who show that they know the value of this organization and it's activities in their careers and social lives too. We will hold our bi-annual elections in late August and September, with these names on the ballot, along with spaces for write-in candidates. You will receive your ballots via e-mail and also in hard copy at our Section Meeting on August 28th.

This month (see announcement herein) our meeting features AEG's President Dr. Terry West, who has been on the faculty at Purdue University for 45 years. Terry's technical presentation will be on mass wasting in abandoned coal mine lands, but I know he will also have much to share about what AEG has accomplished during his year as our President. Please plan to come and meet Terry, hear a great talk, and to thank him for his hard work!

AEG's 50th Annual Meeting approaches, and I am still seeking any mementos of the earliest days that anyone may possess. One feature at the meeting will be a display board from each section of AEG documenting that section's history and events. It would be a terrible shame for the founding section of AEG (that's us folks) not to be represented with a fine display of items from those formative days and years. I look forward to hearing from any of you who possess items of interest, especially photographs of members from the first 10 years 1957-1967. I can arrange to have these items copied or scanned and returned to you unharmed. Please contact me ASAP?

We have sent out our scholarship applications to the many universities in our area, and I am looking forward to seeing the applications coming in over the summer. The scholarships will be presented at our Student Night meeting at Sacramento State University in October.

In my role as Chairman of AEG's Operating Committee on Students and Young Members I am hosting two forums (forii?) back-to-back at the annual meeting, one for student members and one for prospective faculty liaisons. The aim is to establish direct lines of communication between earth science students, faculty members, and AEG members in their area, to make the many resources of AEG available at the universities and colleges. If any of you might like to become active in this most-rewarding endeavor, please contact me. It is really fun to interact with university earth science students!

Regards,

Eric Chase  
Chairman, AEG Sacramento Section

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## Attention All Members!

The Sacramento Section of AEG has copies of past field trips and seminar publications available for purchase on our website! These valuable publications are available in very limited supply, so be sure to get your copy today by visiting our website at [www.aegsacto.org/members/publications](http://www.aegsacto.org/members/publications). Don't miss out!

# July 2007 AEG Meeting Facsimile Transmittal Sheet

(or e-mail to the address below)

To: Lisa Breckenridge (Wallace-Kuhl & Associates, Inc.)

email: [LBreckenridge@wallace-kuhl.com](mailto:LBreckenridge@wallace-kuhl.com)

Phone: (916) 372-1434

Fax: (916) 290-5429

From: \_\_\_\_\_

**Or You Can Sign Up Online at:** [www.aegsacto.org](http://www.aegsacto.org)

Subject: July 2007 AEG Sacramento Section Meeting

Date: July 25th, 2007

Place: **California Fat's Asian Grill & Steakhouse**

(Located in historic Old Sacramento near the corner of Front St. & J St.,  
parking is available in the lot at Front St. & Capitol Mall)

**RSVP's are strongly recommended for this venue!**

Time: 5:30 - 6:30 PM - Sign In and Social Hour  
6:30 - 7:30 PM - Dinner & Announcements  
7:30 - 8:30 PM - Speaker Talk and Slide Show  
8:30 - 8:45 PM - Questions and Answers

**On the Menu:** Chicken Pot Stickers & Crispy Vegetable Spring Rolls  
Orange Chicken Honey Walnut Prawns  
Vegetarian Stir Fry Chicken Chow Mein  
Garlic Green Beans Steamed White Rice

Dinner is served family style and includes dessert and coffee.

Cost: \$28 member (w/ RSVP) \$30 nonmember and walk-ins

Notes: First 5 Students (w/RSVP) Eat For Free!  
Additional Student RSVPs: \$10.00 Student Walk-ins: \$15.00  
Alcoholic beverages are available for those 21 and over on a cash basis.



# AEG Sacramento 2007

## Event Calendar

January 30th	Keith Millard, Youngdahl Consulting Group Landslide Repair on a Gold Rush Era Roadway
February 27th	Dr. Sandy Figuers Construction vibrations and their effect on adjacent improvements
March 27th	Dick Hilton, Sierra College Dinosaurs and Other Mesozoic Reptiles in California
April 20-21st	Rock Slope Stability Workshop
April 24th	Nate Manley, Sanders & Associates Geotechnical Engineering, Inc. The Influence of Geologic Structures on Slope Stability and Geomorphic Development in the Shoo Fly Complex
May 29th	Dr. Edward Kavazanjian, Arizona State University Post-Closure Development of Waste Landfills
June 26th	Yogesh Prashar, M2 Consultants Numerical Modeling of Fault Rupture and Lateral Spreading related PGD for a Natural Gas Pipeline
July 25th	Dr. Terry West, Purdue University, AEG National President
August 28th	Ken Glotzbach (City of Roseville) and Chris Petersen (MWH) Roseville Aquifer Storage and Recovery Project
September 24-29	AEG's 50th Anniversary and Annual National Meeting, Sheraton Universal Studios, Los Angeles, California
October 30th	AEG's Annual Student Night at CSUS James G. Moore, USGS Clarence King - Exploration and Discovery in the American West
November	No Meeting
December	AEG/GRA Annual Joint Holiday Meeting TBA