

AEG SACRAMENTO

Monthly Bulletin and Meeting Announcement

GRA / AEG Joint Holiday Meeting

Time once again for another joint meeting with our friends at the Groundwater Resources Association! For our celebration this year we have Dr. Jeffrey Mount from coming in to speak on the important issues regarding the state of the levee systems in the Sacramento area. Be sure to join us for this great talk and fun evening!

Section Meeting Date: December 12 (Tuesday), 2006

Speaker: Dr. Jeffrey F. Mount, UC Davis
Hope is Not a Strategy: Options for the Future of the Delta

Meeting Location: **Sudwerks in Davis**, 2001 Second Street, adjacent to I-80: get off at Richards, turn right, right on 5th, then right on L St ;left on Second St to Sudwerks, under the Pole Line Rd bridge superstructure fronting I-80 Fwy.

Meeting Schedule: 5:30 - 6:30 Sign-In & Social Hour
6:30 - 7:30 Dinner,
7:30 - 8:30 Speaker Talk & Slide Show
8:30 - ????? Holiday Raffle!



Hope is Not a Strategy: Options for the Future of the Delta

Jeffrey F. Mount, Ph.D., Center for Watershed Sciences, University of California, Davis

Abstract:

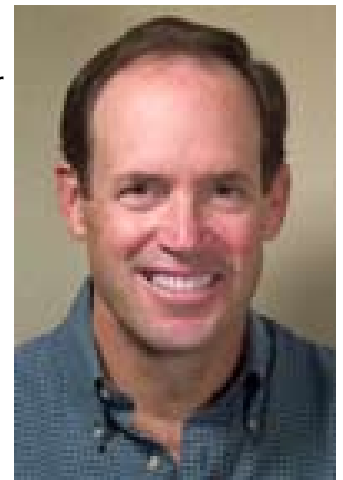
The Sacramento/San Joaquin Delta is the hub of California's water supply network, providing drinking water to more than 23 million people. In addition, the Delta supports a vibrant farm economy, extensive transportation, energy and shipping infrastructure, and a booming recreation industry. The Delta also houses one of the state's most fragile and altered ecosystems. For more than a decade, the Delta has been managed by federal, state and local agencies under a simple principle: we will all get better



together. Recent analyses suggest that this principle cannot be sustained into the future. Six fundamental drivers of change—subsidence, sea level rise, seismicity, runoff changes, invasive species, and urbanization—are impairing our ability to “all get better together.” Rather, maintaining the business-as-usual approach insures that we will “all get worse together.” The alternatives for the Delta range from outright abandonment to aggressive levee stabilization to construction of an isolated facility to maintain water supply. These alternatives will be the focus of much speculation and argument over the next two years.

Jeffrey F. Mount

Professor Jeffrey F. Mount, Department of Geology, UC Davis and Center for Watershed Sciences. Professor Mount received a B.A. in Geology from the University of California, Santa Barbara in 1976, and a Ph.D. in Earth Sciences from UC Santa Cruz in 1980. From 1980 to the present he has been a professor in the Department of Geology at UC Davis. He currently holds the Roy Shlemon Chair in Applied Geosciences and the University of California Presidential Chair in Undergraduate Education, and is the recipient of the UC Davis 2005 Distinguished Public Service Award. Current teaching and research interests include analysis of the response of rivers to changing watershed conditions, ecosystem restoration in floodplains and rivers, and flood and water resource management.



Dr. Mount is presently Director of the UC Davis Center for Watershed Sciences, is a former Member of the State Reclamation Board and chairs the California Bay-Delta Authority Independent Science Board. He is author of *California Rivers and Streams: The Conflict between Fluvial Process and Land Use* (UC Press).

A Message from Your Board

by
Eric Chase

Holiday Greetings!

First, I want to report that on October 27, 2006, thanks to the values, the character, the persistence, and in some cases the real courage demonstrated by a number of notable professional geologists and geophysicists from all over California, the Executive Officer of the Board of Registration for Geologists and Geophysicists was terminated from his office. The search is currently underway for a replacement. If you feel you are qualified and might like to tackle this very important job, you can apply through the BGG website at <http://www.geology.ca.gov/>. Just click on Hot Topics, and then on Executive Officer's Position.

Over the past 2 months I have had a great deal of fun in AEG. First, our October Student Night meeting was a great success with over 50 attendees. Shortly thereafter I left for Boston and the AEG national meeting. I have made so many new friends through my work on AEG's national board of directors, it seemed like old home week at the Park Plaza Hotel. The technical sessions were full of great talks, there was a large vendor turnout, and we had lots of time to network with each other at the various receptions, dinners, luncheons, and impromptu evenings on the town. Boston is a great city to visit.

I can report that, based on the BOD meeting, AEG is quite healthy, thriving in fact, not only in terms of membership numbers, not only fiscally, but also in terms of relevance to the needs of our country. AEG members are involved with disaster relief work, geohazards identification and mitigation, in pushing the technical envelope on many, many disciplinary fronts, in consulting with governmental agencies at all levels, and in international technical support and outreach to the third world. I have never been more proud to be a member of this fine organization.

For our annual Holiday joint meeting with GRA we will have Dr. Jeffrey Mount of U.C. Davis, speaking to us about the Sacramento River Delta and levee systems. Jeff is a leading expert on the flood risks being faced in our area, which most informed people know are higher than the risks being faced in New Orleans or anywhere else in the U.S. Please join us on Tuesday, December 12 at Sudwerk in Davis for this important talk. Also featured that night will be our annual raffle, which this year is a joint fundraiser for scholarships from GRA and AEG. Steve Phillips of GRA will be leading the raffle and tickets will be sold at the door as you check in. Buy several tickets and raise your odds, the money goes to a very worthy cause indeed.

Your Section Officers join me in wishing you the healthiest and happiest of holiday seasons this year. See you on Decemeber 12th!

Cheers,

Eric Chase
AEG Sacramento Section Chair

December 2006 AEG/GRA Joint Holiday Meeting Facsimile Transmittal Sheet

(or e-mail to the address below)

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

email: LBreckenridge@wallace-kuhl.com

Phone: (916) 372-1434

Fax: (916) 290-5429

From: _____

Or You Can Sign Up Online at: www.aegsacto.org

Subject: December 2006 GRA/AEG Sacramento Joint Meeting

Date: December 12, 2005

Place: **Sudwerks in Davis**, 2001 Second Street
(see page 1 for directions)

Time: 5:30 - 6:30 Sign-In & Social Hour
6:30 - 7:30 Dinner,
7:30 - 8:30 Speaker Talk & Slide Show
8:30 - ????? Holiday Raffle!

On the Menu: *Saurbraten*
Vegetable Lasagna
Fresh Stir-fried Vegetables
Mashed Potatoes
Garden Salad

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

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