

Association of Environmental and Engineering Geologists
Inland Empire Chapter, **Southern California Section**

c/o Cato Geoscience, Inc.
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www.aegsc.org/chapters/inlandempire
www.aegsc.org
www.aegweb.org

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“Water Management in the Age of Hydropolitics: Southern California to Ethiopia”

Wednesday 19-Nov-2008

5:00 - 6:20	Geologist Orientation	Carrows Banquet Room
6:20 - 7:20	Dinner Meeting	Carrows Banquet Room
7:30 - 8:30	Guest Speaker Presentation	Carrows Banquet Room

_____Place of Meeting_____

Carrows Restaurant, Murietta, CA

(Meeting Cost \$18.00 to \$23.00)

(Fund-raising donation suggested is \$5.00, or more)

(RSVP/Directions below)

Future Meeting Details (see inside)

Next RSVP Due COB 13-Nov-08

Send Name, Company/Affiliation
to Mitch Bornyas: mitch@strata-vista.com

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This Month's Speaker :

***Wes Danskin, Research Hydrologist, U.S. Geological Survey,
Water Science Center, San Diego California***

Abstract

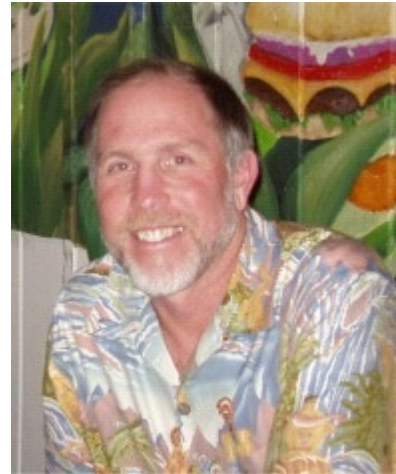
Water-management problems are similar in many parts of the world, from Southern California to Ethiopia. Some solutions are similar, and some, depending on the local social and political situation, can be quite different. Success often is measured in local people gaining an understanding of their water resources and an improved ability to negotiate effective technical solutions to their problems. Examples include the Temecula and San Bernardino areas of Southern California, and the countries of Jordan and Ethiopia.

Wesley R. Danskin

Research Hydrologist

Contact Information:

U.S. Geological Survey
CA Water Science Center
4165 Spruance Road, Suite 200
San Diego, CA 92101
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Professional Expertise:

- Optimal water management
- Ground-water simulation, constrained optimization
- Hydrogeologic analysis of regional systems
- Integrated surface-water/ground-water interpretations
- Conflict resolution, technical mediation of water issues
- USGS offices: Alaska (1978-79), Menlo Park (1979-84), San Diego (1985-present).
- Project Chief: all projects, listed below, involve optimal water-management, regional systems, surface-water/ground-water interaction, and conflict resolution.
- Advising: Optimal management of regional ground-water systems: Texas, New Mexico, Nebraska, Hashemite Kingdom of Jordan
- Teaching: Optimal ground-water management training courses (1994, 1997, 2005-07)

Research Interests:

- Real-world application of constrained optimization techniques
- Real-time water management
- Conflict resolution of water issues
- Integrated management of biologic/hydrologic resources
- Land deformation caused by ground-water recharge/extraction

Projects:

- San Bernardino Optimal Basin Management - <http://ca.water.usgs.gov/sanbern>
- San Diego Hydrogeology - <http://ca.water.usgs.gov/sandiego>
- Owens Valley - <http://ca.water.usgs.gov/owens>

AEG INLAND EMPIRE CHAPTER

Chair's Message

November 2008

The first AEG Inland Chapter meeting held at the University of California – Riverside, Department of Earth Sciences, was an overwhelming success. Thirty two people attended this event and 14 were university students: 3 from Cal Poly Pomona and 11 from UC-Riverside. The Chapter presented selected students with a scholarship award of a Brunton Advanced Geo Pocket Transit (yes, the nice one). The Chapter also presented a similar Brunton to each of the Departments to further their teaching objectives. Former Chairman Mike Cook made the following presentations.

Cal Poly Pomona University

Department of Geological
Brent Ritzinger, BS degree candidate
Jeff Pepin, BS Degree candidate

University of California, Riverside

Department of Earth Sciences
Phillip Nee, MS degree candidate
Monica Galavez, BS degree candidate

All the current and former Chapter officers presented Dr. Tien Lee, Professor of Geophysics and Hydrogeology, UC-Riverside, Department of Earth Science, with a "**Citation of Merit**" *In Appreciation For Organizing And Managing Continuing Education Courses And His Continued Support Of The AEG Inland Empire Chapter*. Steve Testa, Executive Officer of the State Mining and Geology Board gave a great talk on the future trends in the geosciences; this led to 15 minutes of lively questions and answers.

The Chapter is continuing its involvement with local universities by taking the lead in setting up this year's GSA/AEG Jahns Lecturer to give several talks. Our April meeting will be at Cal Poly Pomona where Dr. Ed Medley will speak. We are scheduling 3 additional daytime lectures for students at UC-Riverside, CSU-San Bernardino, and Cal Poly Pomona. Stay – tuned for details on all these talks.

At this month's upcoming meeting in Murrieta, Wes Dankin will present an update on his groundwater work in the San Bernardino Valley. Wes first spoke to our Chapter at the AEG-I/IGS Groundwater Short Course in 2006. This will be an update to that popular subject.

We will not have a Chapter Meeting in December - historically these meetings are poorly attended because of the additional time demands during this time of the year. However, there is another local "geohappening" of note. The State Mining and Geology Board meets December 11 at the Mission Inn in Riverside. This is an excellent opportunity to view your state government in operation and this meeting is open to the public.

See you at the November 19 Chapter meeting in Murietta,

Dr. Kerry Cato,
Chair AEG Inland Empire Chapter

Thanks

Thanks for the significant number of 33 Professionals and Students that attended the October Meeting:

Stephen Testa, California State Mining and Geology Board (Speaker); **Dr. Kerry Cato**, Cato Geoscience, Inc.; **Dr. David Oglesby**, UCR; **Dr. Pete Saddler**, UCR; **Dr. Marilyn Kooser**, UCR; **Dr. Tien Lee**, UCR; **Ernie Roumelis**, AKW, Inc.; **Frank Jordan**, John R. Byerly; **Bill Flores**, HDR, Inc; **Dave Gaddie**, Riverside County; **Mike Cook**, Kleinfelder; **Lisa Battiato**, Leighton Consulting; **Gary Wallace**, RMA Associates; **Doug Shumway**, Mitsubishi Cement Company; **Dinah Shumway**, Terra-Mins Consulting; **Austin Martin**, Mitsubishi Cement Company; **David Jones**, Riverside County; **Doug Johnston**, Petra Consulting; **Rick Gundry**, Inland Geologic, Inc; **Richard Orr**, Leighton Consulting. Undergraduate and graduate students included Cal Poly Pomona Students **Brent Ritzinger**; **Kim Poste**; **Katie Classen**; and UC-Riverside students **Monica Galaviz**; **Erica Clites**; **Tien-Huel Wang**; **Julian Lozos**; **Margie DeRose**; **Jennifer Stevens**; **Aman Rao**; **Baird King**; **Cassandra Meyers**; **Rob Ellis**; and **Phillip Nee**.

Meeting Details and Location

RSVP Due by COB 13-Nov-08 Send Name, Company/Affiliation to **Mitch Bornyasz** by e-Mail to mitch@strata-vista.com Specify in RSVP if you want Prime Rib.

Location:

Carrows Restaruant
24640 Madison Avenue
Murietta, CA92562
(951) 461-2411

Directions to Meeting:

From the I-15, EXIT at California Oaks/Kalmia Street. Proceed West on Kalmia. At light, TURN Left (South) onto Madison Avenue, immediately TURN Left into Plaza Mall area to Carrows Restaruant.

Menu items for Selection at Meeting:

(If you want Prime Rib, say in advance in RSVP):

- Chicken Mushroom Alfredo, \$18.00
- Norwegian Salmon, \$21.00
(Charbroiled or Blackened)
- Slow Roasted Prime Rib, \$23.00

- Dinner side accompaniments include:
 - Seasonable dinner vegetables
 - Choice of baked potato, real mashed potatoes with cheese, or rice
- Drinks, or soup and salad are additional costs.
Wine and beer is available (No Bar)

Future AEG Inland Empire Chapter Meetings

DEC 2008 — NO MEETING

JAN Wednesday January 21st, 2009

___ Topic regarding Groundwater science
Dr. John Izbicki, U. S. Geological Survey, San Diego

FEB Wednesday February 18th, 2009

___ “ Scour of Rock – Rates and Threshold Conditions”.
Dr. Jeffrey R. Keaton, MACTEC, Los Angeles, CA

MAR Wednesday March 18, 2009

-- -- Possibly talk on landslides

APR Wednesday April 15, 2009, Cal Poly Pomona
GSA/AEG 2009 Jahns Distinguished Lecturer in Engineering Geology

Dr. Ed Medley, Geosyntec Consultants, Oakland CA

AEG Coordinated Dr. Medley’s University Talks:

Tuesday, April 14, 2009, Riverside
Hewett Club Meeting, 4:00pm University of California,
Department of Earth Sciences

Wednesday, April 15, 2009, San Bernardino
Geology Club, 2:30-3:30pm, Geological Sciences
Department, California State University, San Bernardino

Thursday, April 16, 2009, Pomona
Geology Club Meeting, 12-Noon - 1:00-pm,
Department of Geological Sciences, Cal Poly Pomona
University

SHORT COURSES

FEB February 27, 2009, Huntington Beach
— — “Cone Penetration Testing for
Environmental and Geotechnical Professionals
Gregg Drilling (562) 427-6899
www.greggdrilling.com/conf/seminars.htm

MAY AEG Chapter Short Course/Field Trip
– (Announcements forthcoming)

Continuing Education Ongoing Short Courses

An Online course

“An Introduction to Landslides or Mass
Wasting”

AIPG Accredited (3.5 CEU's)

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slbishop@geosciencedm.com

Connecting ...

Professionals ...

Practice ...

And the Public And the Public