Association of Environmental and Engineering Geologists

# Inland Empire Chapter of the Southern California Section

www.aegsx.org/chapters/inlandempire Vol.6 No. 1

# January Newsletter

## *" Agricultural Water Development In The Santa Ana Canyon And The Anaheim Union Water Company "*

## *Carl Nelson*

**Wednesday, January 20, 2010**

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|---|---|---|
| 4:00 - - 5:00 | Officer Meeting | Banquet Room |
| 5:00 – 6:00 | Social | Banquet Room |
| 6:00 – 7:00 | Dinner | Banquet Room |
| 7:00 – 9:000 | Announcements & Speaker Presentation | Banquet Room |

Location

## Cask n' Cleaver Restaurant, Riverside, CA

(Meeting Cost $24-$29; Students $10); see meeting details on last page

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Carl Nelson
P.E., F. ASCE
Retired Director of Public Works for the County of Orange

**ABSTRACT**

During the Ranchos era the rivers of Southern California had occasionally devastating flood, but more often had extended periods of drought. During the annual summer drought the Santa Ana River maintained a perennial flow through Santa Ana Canyon. Carl will describe the pioneering efforts of early American-European settlers to establish the Anaheim Union Water Company which fostered the agricultural empire on the alluvial plain from the 1860s until the mid twentieth century.

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Past Presidents; Frank Jordan, 2005; Gary Wallace, 2006; Rick Gundry, 2007, Mike Cook, 2008; Kerry Cato, 2009.

The AEG Inland Empire Chapter *Newsletter is a monthly publication of the Inland Empire Chapter of the Southern California Section, Association of Environmental and Engineering Geologists. For more information visit the Chapter website:* *http://www.aegsc.org/chapters/inlandempire.*

Submittals: Deadline, 28th of the month. Employment notices, job position announcements, and advertisements can be posted for a minimal fee. *Newsletter circulation about 170 in greater inland areas of Southern California, and elsewhere.*

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**INLAND EMPIRE CHAPTER**

## Speaker Biographical Information

Carl Nelson, P.E., F. ASCE

Carl is a retired Director of Public Works for the County of Orange whose specialty was Flood Control and Water Conservation. From the 1960s to the present he has been a spokesman for construction of the Santa Ana Mainstem Project , now nearing completion by the Army Corps of Engineers. He has also been a consultant to the Orange County Water District on the Groundwater Replenishment project. Carl is a Bachelor of Engineering from UCLA and Master of Civil Engineering from USC. He is a Registered Civil Engineer and a Life Member of the American Society of Civil Engineers.

## Cal Poly Pomona Geology Department Being Reviewed for Closure

Greetings Officers of the AEG Inland Empire Chapter,

Hope you are all enjoying a fine holiday season! I'm writing to ask for your immediate help and support.

As you may have heard through the "grapevine", the Provost of Cal Poly Pomona University has announced his intention to close the Geological Sciences Department, unless we can show him that we are valuable and viable. We are seeking letters from local geoscientists, employers, and professional societies in support of the Department and its two B.S. degree programs (Geology & IES).

We would greatly appreciate a support letter from the Inland Empire AEG Chapter, and individually from any of you as employers or colleagues of our graduates.

Due to the economic crisis, Geology departments across the U.S are under attack right now because they are typically smaller than other science departments. We are no exception. The support of alumni, employers, and professional societies is proving to be one of the most effective weapons to combat closure of Geology programs at other universities.

Please take a few moments to write a letter of support, describing why the Cal Poly Pomona Geological Sciences Department has been important to you, your company, your organization, and/or the geoscience profession and community in general. Personal anecdotes are encouraged, as they are very powerful in convincing the powers that be. It is important to recognize that most of our campus administrators are relatively new to southern California and have little institutional memory. Be honest, be genuine. Please stand up for Geology at Cal Poly Pomona!

Please make 3 copies of your letter and address them to:

- Dr. Marten den Boer, Provost, Academic Affairs Division, California State Polytechnic University3801 W. Temple Avenue, Pomona, CA 91768
- Dr. Donald Straney, Dean, College of Science, California State Polytechnic University, 3801 W. Temple Avenue, Pomona, CA 91768
- Dr. Jonathan Nourse, Chair, Geological Sciences Department, California State Polytechnic University, 3801 W. Temple Avenue, Pomona, CA 91768

Please pass this message along to other geoscientists and supporters of the Cal Poly Pomona Geological Sciences Department!! Please see attached documents and our department web site for ideas in composing your letters .
http://geology.csupomona.edu/

Thank you!!

Dr. Jeff Marshall
Associate Professor of Geological Sciences
(909) 869-3461 http://www.csupomona.edu/~marshall

## Future AEG Inland Chapter Meetings

**February, 17** – Tom Rockwell, "*Last 4,000 Years Of Activity On The San Jacinto Fault*," Wednesday, February 17, Temecula

**March, 2** – Paul Marinos, Nat'l Technical Univ. of Athens, 2010 GSA/AEG Jahns Lecturer, *Topic to be announced*. Tuesday March 2, , University of California Riverside, Earth Sciences Department. Meeting also sponsored by the Inland Geological Society and the UCR Hewitt Club.

**April, 17** – Annual Chapter Field Trip, "*The Southern Perris Plain and the Temecula Valley," Saturday April 17.*

## January Inland Meeting Information

**Cask n' Cleaver Restaurant**
1333 University Avenue, Riverside,
(Located two blocks west of the 60/215. Take the University Avenue exit off the freeway.)

**Dinner choices**:
Entree: - Top sirloin steak -$27
- Teriyaki chicken -$24
- Salmon - $29

•Dinner salad, rolls, and non-alcoholic drinks are included. Alcoholic drinks and dessert must be purchased separately by attendees.

**RSVP**: RSVP by COB Monday January 19, 2010 by emailing Ernie Roumelis at akwgeotechnical@verizon.net

## CSU-SB NEOTECTONICS CLASS

(1) If you expect to have fault trenches open between January and March, and it would not be a problem for a group of 7 students to look at the trenches, please let me know.
(2) If you are interested in taking the class, non-CSUSB students may register for the class through CSUSB's open university program. The class will meet on Tuesdays and Thursdays from 4-6 pm with a lab on Thursdays from 6-9 pm. The class runs for 10 weeks, starting Tuesday, January 12 and ending with a final exam during the 11th week, on March 23. Tuition plus fee estimated at $1048. Contact me for more info. Thanks,
Sally McGill smcgill@csusb.edu

## Other Meetings

ASCE-Geotechnical Group: January 20, 2010, Anne Lemnitzer, CSU-Fullerton, "*Bridge Foundations.*"

ASCE-OC: January 12, 2010, Jose Martinez, "*Californian High-Speed Rail*", 11:30 am to 1 pm.

*GSA/AAPG*: May 27-29, 2010, GSA Cordilleran Section and Pacific Section AAPG Joint Annual Meeting. The Cordilleran Section of the GSA and the Pacific Section of the AAPG will be holding their Joint Annual Meeting on May 27-29, 2010 at the Anaheim-Marriott in Anaheim, CA. For more information, visit www.geosociety.org

IGS: January 7, 2010 (Thursday). Kathleen Springer, San Bernardino County Museum, *"Paleontological Work Near Las Vegas, NV."*

February 3, 2010 (Wednesday). Shelby Barker, Student at CSU Fullerton. "*An Investigation of the Potential Surficial Re- charge in Lucerne Valley Groundwater Basin, Western Mojave Desert.*"

LABGS: January 28, 2010, Bruce Hart, *Seismic Stratigraphy,"* 11:30 am to 1 pm.

SME: February 16, 2010, Larie Richardson, President of North Star Minerals, Inc., "*Marigold Mine, Valmy, NV*". For more info., visit www.smenet.org/.

SCGS: January 11, 2010, Mike Hart, *"Martian Landslides and Earthen Homeomorphs*."

UCR, February 13, 2010 (Saturday), "*Geology Building Ribbon Cutting and Champagne Bottle Smashing Ceremony*", 12:30 pm to 4:30 pm".

Professionals,
Practice, &
The Public