



ASSOCIATION OF ENGINEERING GEOLOGISTS

Southern California Section

*"Serving Professionals in Engineering, Environmental,
and Groundwater Geology Since 1957"*

NEWSLETTER – May 2005

Officers

Chair- Matthew Hawley, mhawley@lqcgeo.com, (805) 579-3434

Vice Chair- Charles Nestle, cnestle@ladpw.org, (626) 458-4923

Treasurer- Brian Villalobos, bvillalobos@petra-inc.com, (714) 549-8921

Secretary- Rosalind Munro, rmunro@lqcgeo.com, (949) 650-1018

- Meeting Date:** **Tuesday, May 10, 2005**
AEG-CCGO Joint Meeting and CCGO Fundraiser
- Location:** Steven's Steak House, 5332 Stevens Place, Commerce, CA
- Time:** Social Hour: 6:00 PM; Dinner: 7:00 PM; Presentations: 7:45 PM
- Reservations:** Call (949) 253-5924 ext. 564, or email Brian Villalobos, by **Noon, Monday, May 9**
- Cost:** \$30 per person with reservations, \$35 at the door; \$15 for students with valid student ID.
- Presenter:** Dr. Joyce Blueford
- Topic:** **Earthquake History Preserved in Tyson Lagoon: A New Environmental Wetland Center that Happens to be Right on the Hayward Fault!**

Abstract:

Tyson Lagoon, a sag pond, outlines the trace of the Hayward fault zone in this area. Observations of brittle deformation and liquefaction features in trenches just north of this area indicate there may have been 6-8 large earthquakes during the last 2000 years. New data compiled by Lienkaemper et al indicate that since the late 1300's there were probably four large earthquakes (of magnitude 6.8-7.0). In trenches in the South Pond they found evidence of the 1868 earthquake. The earthquake destroyed most of the Mission Adobe structure and devastated the homes of many of the residents. Using detailed stratigraphy and

carbon dating they arrived at dates of 1730, 1630, and 1470 (90 years) for the other earthquake occurrences. The Tule Ponds at Tyson Lagoon Wetland Center under the guidance of the Math Science Nucleus and Alameda County Flood Control District, has opened this 14-acre facility to celebrate not only its rich geologic past but to act as a facility that shows how urban life can coexist with nature areas. This is one of several sites that the Math/Science Nucleus is developing in the Fremont area.

More information on the Tyson Lagoon site and others in the east bay can be found at: <http://msnucleus.org/watersheds/index.html>

Speaker Biographical Information:

Dr. Joyce Blueford received her undergraduate degree from U.C. Berkeley and Ph.D. from U.C. Santa Cruz. She worked 14 years at U.S. Geological Survey in Menlo Park. As a geologist, Dr. Joyce Blueford distinguished herself in the field of radiolarian micropaleontology and sedimentology in California, Alaska, the Russian Far East, and Siberian Platform. She has written over 30 papers and edited eight scientific books, and as an educator she has designed numerous classes in geology and science education. She has been the lead researcher on several projects including the integration of pen computers into schools and the use of Internet technology to create a new medium of electronic textbooks. She currently is working on establishing the Integrating Science, Math, and Technology Program in the African country of Eritrea. She founded and is President of the Math/Science Nucleus, a non profit science research and education organization devoted to bringing science education to children throughout the world.

AEG-CCGO Joint Meeting and CCGO Fundraiser

The California Council of Geoscience Organization's (CCGO's) motto says it all; "An Advocate for the Profession in the Public Interest." Membership dues, donations, and fundraisers are the means for funding CCGO's expenses for the year. CCGO is YOUR organization, representing YOU in Sacramento. CCGO represents both professional organizations like AEG, AAPG, CGEA, and AWG, GRA and businesses employing engineering geologists, hydrogeologists, geophysicists, and other geoscientists. Charles Nestle, CCGO vice president, will present a brief talk about CCGO and its recent activities and accomplishments. The main presentation of the evening will follow.

Chair Column

(by Matthew Hawley)

[Hello Southern California Section!](#)

[Licensing Issues Persist](#)

Charles Nestle (Section Vice Chair) and I attended the **Board for Geologists and Geophysicists (BGG)** board meeting on Friday April 29th. The agenda item was to review the **California Specific Examination (CSE)**, specifically, the proposal to eliminate the exam as a requirement for Registration as a California geologist. The idea for elimination is supported strongly by BGG Executive Officer **Paul Sweeny** and members of the BGG Exam Committee. The purpose of the meeting was to provide opinion to the Board of how the exam serves the public, discuss the current situation and review solutions, if any.

Some of Mr. Sweeny's reasons for elimination were provided in a document he prepared "The California-Specific Exam, A Value Appraisal" received by me on April 6. (I'm assuming that this document was placed on the BGG website if you care to peruse). This document was then supplemented by an additional untitled document prepared by Mr. Sweeny that he read into the board meeting minutes (anticipate on their website soon). I do not wish to reiterate the contents of those documents here due to their intricacy and length, but the essence of Mr. Sweeny's and others position is that the exam does not provide a safety net

with respect to public safety, does nothing to promote enforcement issues and is in effect a restraint of trade to geology candidates that meet all other licensure criteria.

Charles and I, along with **Marcia Kiese** (AEG Sac), attended the Board meeting to provide opinion on the matter, in support of retaining the CSE. **Dr. Tracy Montez** (Chief, Office of Examination Resources, Department of Consumer Affairs) also attended the meeting and provided recommendations in response to Mr. Sweeny's Value Appraisal document.

In the end, it was decided by the Board during closed door session to adopt Dr. Montez's proposed recommendation of revisiting the "unique" competencies and knowledge identified in the 2000 occupational analysis (OA) by forming a "Focus Group" consisting of "subject matter experts (i.e., licensees) and facilitated by a test development expert... to evaluate the current scope of practice in relation to the 2000 OA, entry-level standards for competent and safe practice, and consumer protection." I was in agreement that this was a good first step in evaluating the current exam, its foundation and effectiveness, rather than eliminating the exam at this time. I must also admit that based on discussion at that meeting, the exam as it stands does not appear to provide the services we are assuming it does. However, I simply did not want to give up on the concept of the CSE as I believe there is broader value to the exam.

The Board will be looking for volunteers to staff the focus group and Charles and I agreed that southern California should have a representative in this discussion. If you are interested, please contact the BGG.

[New Chapters](#)

I attended the first meeting of the **Inland Empire Chapter (IEC)** of the SoCal Section on Wednesday April 20th. The meeting was attended by 10 members who are local to that area at an all-you-can-eat Chinese restaurant. If I could've kept myself from talking so much, I would have enjoyed the food much more than I did, because it was surprisingly tasty (considering my negative prejudices to all-you-can-eat-type restaurants). Information about the Chapter will be provided by Interim Chapter President, **Frank Jordan** (geo.jordan@gmail.com) and will be included and distributed via this newsletter. Please look for it.

The **Central Coast Chapter (CCC)** which will service the general Santa Barbara/Ventura area is planning its first meeting this coming Tuesday. Unfortunately, they have set their first meeting date coincident with our Section meeting, so I'm going to attend that Chapter meeting and hand over reins of the Section meeting (a joint meeting with CCGO) to Charles. **Robert Urban** Robert_Urban@URSCorp.com is Interim Chapter President and information regarding meeting date, location and time can be obtained through him for now. Look for updates concerning the CCC in future Section newsletters.

The above Chapters were recognized by the AEG Board of Directors at the mid-year Board meeting. However, I learned at the meeting that it is the Section that is the official organization that approves the formation of Chapters. Through previous discussions, the Section Officers approve of the idea of the formation of Section Chapters. Therefore,

I, **Matthew Hawley**, Chair of the Southern California Section of the Association of Engineering Geologists, officially recognize the Inland Empire Chapter (IEC) and Central Coast Chapter (CCC) as active and participating groups within the Southern California Section.

Congratulations!!

San Diego area members are also looking to form a local Chapter. I think we are on the verge of having the requisite number of members, but I haven't had it confirmed yet by National. **Jonathan Goodmacher** (jgoodmacher@ninyoandmoore.com) has volunteered to serve as interim Chapter President. He has proposed the "**Extreme Southern California Chapter**" as a name. Although I have reservations with the name, if this is the tune your monkey dances to, then I'm all for it. Just let he and I know. Jonathan is in the planning phase of meeting location and time. When it is determined, we will let you know.

I hope many of you that do not attend the Section meetings can make the local meetings. It will be an opportunity for you to listen and share your ideas, thoughts of the bustling business in your local area, and the items that are of concern to you.

[Mid-Year Board Meeting](#)

Charles and I attended the Mid-Year Board Meeting of AEG. I prepared a summary of what was discussed at that meeting and forwarded it to the membership a short while ago. Please look to that write-up for further information.

[Seminar](#)

Again, I'm still hoping to put together a short course/seminar for our members, and there appears to be a ray of hope in this area. The seminar would focus on seismic issues. I will let you know as this develops.

If you or someone you know has another topic of interest, please let me know.

[Section Officer/Chapter Officer](#)

The end term for current officers is September of this year. In preparing for that time, which for now seems far off, we are looking for people interested to take on the seats that will become available. My term will end and Charles is planning to take that seat. **Brian Villalobos** has been a great Section Treasurer for many, many years, but has become weary and would like a break. Roz is considering this and/or the Vice Chair position. Please let me know if you are interested in becoming a Section officer as we will have positions available. Getting ready for "that" position can't happen too soon, and we'd like to make the transition as easy as possible.

Chapters will also be going through a placement period in September. Current positions are temporary, and all positions are available to those interested. Overall, participation at any level, formal or not, would be appreciated.

[Field Trip](#)

The field trip on April 16th was successful and fun. Many people approached me during and after the trip to express their positive experience from the event. I'm very glad that those of you who did attend very much enjoyed it. Field trip guides are still available to those that did not receive them. To those that wish to have a guide but did not attend the trip, they will be available at the Section meeting for a very reasonable price. (Perhaps I can get some to Chapter Presidents too for those meetings).

Many thanks for those that helped put the trip together including **Joe Cota**, **Jon Relyea**, **Steve Saunders** and others at **Earth Resources, Inc.** who prepared the guide, our refreshment (**BEER**) sponsor **Ruen Drilling**, **Alan Pace** for organizing transportation, and all the "others" because I can't remember everyone at the time of this writing, for your participation. But most of all, I'd like to pinpoint **Kim Bishop (Cal State LA)**, for it was he who brought it all together. Thank You.

I have received many photographs of the trip and although I have viewed them, haven't yet thinned them for placement on our website. I will do it soon, so look for them there. If you have some photographs you wish to share please forward them to me (mhawley@lqcgeo.com).

That's it for now. As always, please stay active with **YOUR** organization, and ... **pay your dues**.

Cheers – Matthew Hawley

AEG 2005 Annual Meeting – Las Vegas

Abstracts are still being accepted for the AEG-2005 annual meeting to be held in Las Vegas, September 19-24.

If you have not already done so, please submit an abstract either through our web page no later than Friday, May 13 (on the home page of the web page, click on the AEG-2005 logo, look for the yellow box entitled "Call for Papers," and click on "here" to submit) OR attach your abstract to your e-mail and send directly to me: aegjuliek@aol.com

There will be a lot of exciting field trips, short courses, and guest trips planned for the annual meeting. See our web page for more information.

We look forward to seeing you in Las Vegas in September!

Julie Keaton
Annual Meeting Director

ASSOCIATION OF ENGINEERING GEOLOGISTS
Inland Empire Chapter - Southern California Section

Frank Jordan, Chairman (interim)
 (vacant), Vice-Chairman
 (vacant) 2005 Chairman-Elect
 (vacant) Chair, Officer Search Committee (06)
 (vacant) Chair, Officer Positions Committee (06)

Richard R. Gundry, Treasurer (interim)
 (vacant), Secretary
 (vacant), Editor, Chapter Newsletter
 (vacant), Web-person
 (vacant), Public Relations/Govt. Chair

MAY MEETING NOTICE

Wednesday, 18-May-2005

5:45 - 6:15 Geologist Orientation

@ GuadalaHarry's Cantina

6:30 - 8:30 Chapter Meeting

@ King's Buffet Restaurant

Meal is low cost
 (suggest \$20 to assist opening Bank balance for operating expenses)
(Directions below)

Dear AEG Members:

This meeting follows the previous indoctrination meeting where we will open more fully for discussion from all attendees. We want to walk away from the meeting with all ideas, suggestions, and some decisions made regarding the formation of this Chapter, how attendees would like it to be functioning, and how we will proceed ahead, including planning what can be to the end-of-year. All information taken will be sent out subsequently by e-Mail.

There are a tremendous number of items and ideas and suggestions to cover. The business part of the meeting will be hearing motions and voting, perhaps during discussion. We would like to see the nomination and election of 1.) Chairman Elect 2005; 2.) Nominating Committee for 2006 Officers, and 3.) Officer Strategist Committee to recommend what Officers are needed in 2006. Dues will be discussed if needed. Corporate donations, and corporate and service company advertisement will be discussed (fund-raising). A Treasurer's Report update will be presented. The First Chairman's Message follows below.

Rick Gundry, Interim Treasurer
 AEG Inland Empire Chapter

Chairperson's Message

AEG Inland Empire Chapter

The first meeting of the newly-called Inland Empire Chapter was convened in San Bernardino, California, on April 20, 2005. Those in attendance in this first meeting included: **Tony Chakurian, Leighton and Associates, Inc.; Richard Orr, Leighton and Associates, Inc.; Derik Howard, Leighton and Associates, Inc.; Paul Peterson, Earth Tech Inc.; Mark Spykerman, Earth Systems Southwest; Terrance Davis, CHJ Inc.; Gary Wallace, RMA Group; Chris Bingley; Frank Jordan, Gary Rasmussen and Associates, Inc.; Rick Gundry, Bureau of Indian Affairs (U.S. Department of the Interior); and, Section Chairman and Guest Speaker, Matt Hawley, LGC.**

Chairman Matt Hawley related that sufficient petitions had been received by AEG National to create the I.E Chapter. The group in attendance had a few questions about formation of the Chapter. Matt responded to questions and provided a background for initiating the Chapter. A lengthy discussion followed on registration and professional practice issues. Members in attendance provided donations above the meal cost sufficient to initiate an operating budget for the Chapter.

The next meeting of the Inland Empire Chapter of A.E.G. is scheduled for Wednesday, May 18, at 6:30 pm at King Buffet in San Bernardino, California. Since King Buffet is a tee-totaling establishment, a pre-meeting social "half hour" will be held up the street at GuadalaHarry's Cantina between 5:45 pm and 6:15 pm, led by the interim treasurer, Rick Gundry. GuadalaHarry's is located at 280 E. Hospitality Lane. King Buffet is at 204 Hospitality. RSVP by May 16 with Rick at rick.gundry@verizon.net or leave a message of RSVP at (951) 924-6756, ext. 257.

Frank Jordan, Interim Chairperson
AEG Inland Empire Chapter

Directions to Meeting(s)

King Buffet
Chinese, Italian, Japanese and American
204 E. Hospitality Lane
San Bernardino, CA
Ph. (909) 885-2338

GuadalaHarry's Cantina
280 E. Hospitality Lane
San Bernardino, CA
Ph. (909) 889-8555

Meeting areas are located in San Bernardino's Commerce Center on the north side of Hospitality Lane. From the I-10/I-215 Interchange heading East on I-10, **exit** at Waterman Avenue North, turn left (east) on Redlands Blvd, turn **left** (north) on Waterman Ave., turn **left** (west) at Hospitality Lane to GuadalaHarry's or King Buffet. Heading West on I-10, **exit** at Waterman Avenue North, turn **left** (west) onto Hospitality Lane. Continue past Waterman Ave., to the designated locations.

Contact Information:

Richard R. Gundry, AEG 7745
RG 5602, CPG 8518

Frank Jordan AEG 7022
RG 5984, CEG 1913, CHG 486

Agency Hydrologist - Water Rights
U.S. Bureau of Indian Affairs
Riverside, CA
(951) 276-6624, ext. 257
rick.gundry@verizon.net

Engineering Geologist
Gary S. Rasmussen & Associates, Inc
San Bernardino, CA
(909) 888-2422
geo.jordan@gmail.com

Section Business Donation

- Platinum - \$500
- Gold - \$250
- Silver - \$125

Company receives a line in the section newsletter giving their name or their company name under the appropriate metallic heading.

National Business Donation

- Platinum - \$1,000
- Gold - \$500
- Silver - \$250

Company name, address and contact information are presented in AEG News and section receives 10% of donation. A national donation does not yield a line in our local section newsletter.

Company & Employment Advertising

	<u>Month</u>	<u>Year</u>
▪ Business Card	\$10	\$100
▪ ¼ Page	\$20	\$200
▪ ½ Page	\$35	\$350
▪ Full Page	\$50	\$500

* The deadline for submitting an advertisement for next month's newsletter is Friday, May 27.

YEAR 2005 CONTRIBUTORS NEEDED

Contributions from corporations and individual members are greatly appreciated. Contributors will be listed in our newsletter throughout the year and can post their logo or business card in the newsletter if so desired. Please mail contributions made out to **AEG** to our section treasurer, Brian Villalobos.

2005 MEMBERSHIP RENEWAL

For those of you who have not yet renewed **(the deadline was November 1)**, are unsure about your membership status, or did not receive your membership dues statement, please contact AEG Headquarters at www.aegweb.org. You can renew your membership online. Please update your membership if you wish to continue to receive future issues of the newsletter.

EMPLOYMENT OPPORTUNITIES THIS MONTH

Lawson & Associates
Geotechnical Consulting, Inc.

Lawson & Associates Geotechnical Consulting, Inc.

2045 Royal Avenue, Ste. 125
 Simi Valley, CA 93065
 Tele: (805) 579-3434 Fax: (805) 579-3435
 Email: kesmond@lgcgeo.com

1319 Calle Avanzado
 San Clemente, CA 92673
 Tele: (949) 369-6141 Fax: (949) 369-6142
 Email: info@lgcgeo.com

Website: www.lgcgeo.com

LGC is looking for dynamic individuals to join our team and work on some of southern California's most interesting and technically challenging projects. If you are an experienced geotechnical professional, or just starting your career, please do not hesitate to contact us. All inquiries will be considered in the utmost confidence. We look forward to hearing from you.



Petra Geotechnical is currently seeking experienced geotechnical engineers, geologists, environmental scientists and soils technicians in our Costa Mesa, Santa Clarita, Murrieta and San Diego offices. We offer competitive salaries and excellent benefits. Please contact Linda Becker, Human Resources Manager, at 714/549-8921 or submit your resume by email to lbecker@petra-inc.com

Davis Earth & Materials, Inc., a San Diego based geotechnical and materials testing firm, is looking for **Geotechnical Engineers and Geologists** to assist with high-rise, commercial, and public agency projects. We are a small company with remarkable growth potential for ambitious individuals anxious to help the company grow. We will consider staff to senior level candidates, 2 years to 20+ years. Registration is preferred but not required.

Please Fax or Email resume with cover letter to:
 Human Resources, 858-292-7570, info@dem-inc.net.

Concrete Forensics
Specializing in petrographic analysis of concrete
concreteforensics@yahoo.com
 310 W. Valencia Mesa Dr. #10
 Fullerton, CA 92835
 714.402.6383

AEG Southern California Section
J. Relyea
Earth Resources, Inc.
18302 Sierra Highway, #102
Santa Clarita, CA 91351