



Los Angeles Basin Geological Society Newsletter

February Meeting: Thursday, March 27, 2003

Azzam Alwash, Will Speak on

Saddam Hussein's Draining of the Tigris and Euphrates Rivers for Strategic Reasons and What's Involved in Future Restoration of its Marshes

Speaker Synopsis / Abstract

Dr. Alwash was born in Kut, Iraq (approximately 60 miles southeast of Baghdad) and came to the United States in 1978. He did his undergraduate work at the California State University, Fullerton (CSUF) and post-graduate studies at the University of Southern California (USC), in Civil Engineering. He lectured in civil engineering courses at California State University in Fullerton, and is currently a principal at Pacific Soils Engineering, Inc., a consulting firm of 100 employees specializing in southern California geologic, geotechnical and environmental services. He is a member of the Board of Directors of Iraq Foundation, a DC Based non-profit, non-governmental organization working for the achievement Of democracy in Iraq, restoring the human and civil rights of Iraqis and for a better international understanding of Iraq's potential as a contributor to political stability and economic progress in the Middle East.

When it became apparent that the government of Iraq had set about draining the marshes of southern Iraq, and area larger than the Florida Everglades, the Foundation endeavored to bring the spotlight on the plight of the Marsh Arabs, a 300,000 community with a recorded culture that is at least 5000 years old. These persecuted people depended on the marshes for their livelihood and without water, their way of life and their culture faced extermination. As part of the mission of the Iraq Foundation, the Eden Again project was started to create a team of international experts that is well versed in the problem of restoring wetlands around the world. This team of experts has reviewed available data and has determined

that restoration of the marshes is possible. The extent of restoration is dependent on the amount of water available.

Dr. Alwash will present a brief overview of the Marsh Arab way of life pre-dating the draining that occurred between 1992 and 1997. The presentation will detail how the drainage was achieved and the presentation will include highlights of the plans to affect restoration of the marshes.

Contact Dr. Alwash through E-mail at:
azzam.alwash@verizon.net

Time, Place, And Cost

Time:

Thursday, March 27, 2003

Meeting Agenda

Lunch Served: 11:30 AM to 12:00PM

Announcements: 11:50 AM to 12:05 PM

Guest Speaker: 12:05 PM to 12:45 PM

Place:

The Grand at Willow Street Conference Center located at 4101 East Willow Street, Long Beach, CA. (562-426-0555). Take Lakewood Boulevard south from the San Diego Freeway (405), turn west onto Willow Street and turn right onto Grand Avenue at the sign for the Center. Park free in the garage structure.

Cost:

Lunch and Speaker: **\$17.00 with reservations**

\$20.00 without reservations

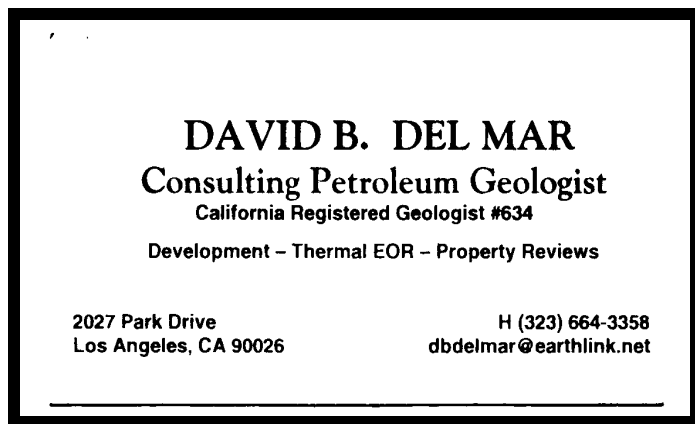
Student: **\$ 6.00 (Lunch and Speaker)**

Reservations Are Essential

Please note the change in reservation policy and make your reservations with Mike Mills by the Tuesday before the meeting. Phone: (714) 220-9138 or e-mail Mike at MILLSLABGS@HOTMAIL.COM

Luncheon Meeting Student Bonus

The first five (5) students to show up for the luncheon meeting will have their meal costs paid for courtesy of Mike Mills and Pacific Soils Engineering and the LABGS. In addition, **all students** attending the LABGS meeting will receive a free SEPM publication courtesy of the Pacific Section SEPM.



LABGS Future Meetings

Lunch meetings are held at *The Grand at Willow Street Conference Center*. Lunch starts at 11:30 AM

2003 Winter / Spring Schedule

March 27, 2003

Azzam Alwash – *Saddam Hussein's Draining of the Tigris and Euphrates Rivers for Strategic Reasons and What's Involved in Future Restoration of its Marshes.*

April 24, 2003

Jose Borrero – *Tsunami Potential and Risk Along the Southern California Coast*

May 22, 2003

PSAAPG / WRSPE Convention - Long Beach Hilton, with 3 days of technical sessions, plus field trips and short courses.

June 26, 2003

TBA

Announcements / Information

AAPG House of Delegates Needed

Three of our four *House of Delegates* to AAPG will be open starting in July 2003. If you are a national AAPG active member and are interested in filling this vital position please contact Dalton Lockman before March 1, 2003. These are vital positions to the leadership for the AAPG, and for the future of the LABGS.

The LABGS.org Web Site Up and Running!

The LABGS is finally moving into the digital era. On November 21, 2002, we retired our rock tablet chisels and ignited our web site. This web site may be accessed at www.labgs.org. It will be a great place to keep informed over what is going on in the LABGS. The web site will not replace our newsletter but will provide a place to retrieve past issues. As all web sites we will continually change it to meet the needs of our members and friends. If you haven't done so already, you will discover that you can access our newsletter, make reservations for the lunch meeting, contact an LABGS officer, or learn about LA Basin Geology by touring the LA Basin Geology 101 tab.

Teacher of the Year Award

The Los Angeles Basin Geological Society received nominations for three candidates for the Teacher of the Year Award for 2003. We are currently in the process of choosing the winner and will announce the winner at the March 27th meeting. The award will be presented at the June meeting. The Teacher of the Year award is a form of encouragement and recognition to those teachers who show dedication and passion to the field of Geoscience. It is our goal to spur teachers and future geoscientists on in their pursuits. If you would like to see the award requirements or see a list of past winners, check out our web site, www.labgs.org. Thanks to Karla Tucker for heading this most important committee.



General Convention Information

The Convention committee is extending a sincere invitation to you to actively participate in the 2003 Combined Meeting of the **Pacific Section of the American Association of Petroleum Geologists** and the **Western Region of the Society of Petroleum Engineers** in Long Beach, California, May 19 to May 24. This event is the third time the WR-SPE and PS-AAPG have combined forces to provide a multidisciplinary forum for the exchange of engineering and geoscience technologies and best practices. It is our hope that this meeting will be a time to rejuvenate your thinking about petroleum engineering and the geosciences, renew acquaintances, honor your profession and its special members, and get excited about the future of our industry.

The Long Beach Hilton Hotel provides the perfect site for the meeting, keeping technical sessions, exhibits and special events all under one roof. The goal of the convention committee is to optimize the time available to provide a maximum amount of information, education, and excitement, at a reasonable price. Your pre-registration fee will include several events that you won't want to miss, a seat at the All Convention Luncheon, your choice of tickets to the WR-SPE Award Luncheon or the PS-AAPG Award Reception, admission to the Wednesday Night Icebreaker and Friday Exhibit Hall Lunch.

Our convention theme - **LA Basin: Original Oil Field Legend** highlights the heart of several planned technical sessions, which will disseminate information that can be applied to the entire Pacific section and western region - parallel development of subsurface and surface resources in difficult environments.

The Technical Program and Education Committees have compiled a strong blend of presentations, poster sessions, panel discussions, short courses and field trips covering a broad range of topics. The meeting will kick off with a wide variety of excellent field trips and timely short courses

followed by three full days of technical sessions, which includes over 160 technical papers, and a day dedicated to Independents, officiated by the PTTC.

The meeting announcement will be mailed the first week of March so look for it in the mail. After March 1st, you will also be able to get all the convention information on convention web site at www.psaapg.org/convent.html. Make your plans now and return the registration form today.

Preview of Two Convention Field Trips sponsored by the LABGS

1) Channelized Turbidite Systems of the Miocene Capistrano Formation, California

Leaders: Tor Nilsen, Consultant & Hilario Comancho, Signal Hill Petroleum Co.

Cost: \$100.00 - includes bus transportation, snacks, lunch and study guide materials.

Description: The one-day field trip to the cities of Dana Point and San Clemente will examine outcrop exposures of channelized turbidite systems within the Miocene Capistrano Formation. In the morning we will examine the deep-water deposits of the Doheny Channel, excellently exposed along the cliffs at Dana Point. We will eat lunch (provided) at San Clemente State Beach, where we will examine the superbly exposed Miocene turbidite system along the beach cliffs. The turbidite system at San Clemente has been interpreted to represent the fill of a single, vertically aggrading turbidite channel.

2) Oil Is Where You Find It: The History of Oil Along the Newport-Inglewood Fault Trend

Leaders: Don Clarke, Long Beach Department of Oil Properties, John Jepson, California Division of Oil, Gas and Geothermal Resources, James Slosson, Slosson & Associates, Mel Wright, Consultant, Ed Steiner, Leighton and Associates, Bob Lemmon, Leighton and Associates, Eldon Gath, Earth Consultants International, Dalton Lockman, Plains Exploration and Production Co., Glenn Swanson, Signal Hill Petroleum, Jon Kuespert, Breitburn Energy, and Roy Shlemon, Consultant.

Cost: \$100 - includes bus transportation, snacks, lunch and study guide materials.

Description: This field trip will visit the oil fields along the famous Newport-Inglewood Fault trend. The trip starts

with a visit to Hoag Hospital where natural gas seeps are tapped for the hospital. Up the coast at the giant Huntington Beach oil field recent urban development rapidly covers the old oil operations. A careful eye can spot the precautionary measures in place. The Long Beach Oil field is probably the most prolific oil spot on earth. Here we will examine the Newport-Inglewood Fault and see how urban development co-exists with 82-year old oil activities. The trip continues north through the Dominguez oil field to the Inglewood oil field. At this site occurred the famous Baldwin Hills dam disaster. The trip continues north to visit BreitBurn's new Pico drill site. This trip will provide a geologic overview of the fields along the Newport-Inglewood trend as well as an overview of the petroleum industry today in the Los Angeles Basin. The agenda includes discussions on the environment, politics, energy, history and the future.

A 3rd Trip sponsored by the Dibblee Center is also planned that you won't want to miss

A Day in the Field With Tom Dibblee: Late Cenozoic Magmatism, Faulting, Uplift, Flooding, and Erosion in the Eastern San Gabriel Mountains and Pomona Valley

Leaders: Jon Nourse (Cal Poly Pomona), and Tom Dibblee

Fee: \$150.00- Includes bus transportation, morning coffee and doughnuts, lunch, ski lift ticket, field trip guidebook, and a copy of Tom Dibblee's newly released geologic map of the Mt. Baldy quadrangle. Proceeds from this fund-raiser will be utilized exclusively for efforts towards the continued publication of Tom Dibblee's extensive geologic mapping of California.

Description: This trip will explore spectacular outcrops that record the dynamic geologic development of the eastern San Gabriel Mountains and Pomona Valley. Precipitous canyon vistas and classic geomorphic features will underscore the hydrologic and erosional processes that have sculpted these mountains during Quaternary exhumation of plutonic and metamorphic basement. The field trip begins at Puddingstone Reservoir, where a section composed of Miocene Glendora Volcanics overlain by Puente Formation preserves the near-surface conditions

that prevailed adjacent to the San Gabriel block prior to its northwestward translation along the San Andreas Fault. Several stops along the Mt. Baldy Road will convince even the most skeptical observer that the rate of fault-induced uplift is exceeding the rate of erosion, although erosion is certainly not negligible! Participants will view stranded stream terraces, damage resulting from the flood of 1969, pristine exposures of the left-lateral San Antonio Canyon fault, and two generations of dikes that correlate with volcanic rocks near Puddingstone reservoir. Following a BBQ lunch catered by Halliburton amongst the pines in Mt. Baldy Village, we will ride the ski lift to the drainage divide at Mt Baldy Notch (elevation 7800 ft). Here, exposures of Pelona Schist (once part of a Mesozoic ocean basin) await us along with hot cocoa and views down San Antonio Canyon and north into the Mojave Desert.

The Technical Program Summary

The table on last page of this newsletter summarizes the planned technical session for the convention. **This is an updated version of the previous one posted last month.** Check it out to wet your appetite. **The program contains over 116 geoscience 50 engineering papers.** If you have any questions or comments, call John Cooper, the technical program chair 714- 278-2662 / jcooper@fullerton.edu

Contact Us – The LABGS board

President: Dalton Lockman (323) 298-2242
dlockman@plainsxp.com

Vice President: Mike Mills (714) 220-9138, ext. 13
millslabgs@hotmail.com

Treasurer: Kristi Darby (213) 225-5900
kdarby@breitburn.com

Secretary: Ivan Aburto (213) 225-5900
iaburto@breitburn.com


2003 PSAAPG & WR-SPE COMBINED MEETING TECHNICAL PROGRAM SUMMARY

GEOSCIENCE TECHNICAL SESSIONS

Geoscience Technical Chair - John Cooper, Cal-State University Fullerton
Geoscience Poster Session Chair - Terry Thompson, ChevronTexaco

SPE TECHNICAL SESSIONS

SPE Technical Program Chair - Glenn Swanson, Signal Hill Petroleum Company
SPE Technical Program Vice Chair - Rick Finken, Consultant

WEDNESDAY		THURSDAY		FRIDAY	
AM	PM	AM	PM	AM	PM
<i>High-Resolution Imaging: Oil fields and Faults</i> B. Paulsson SEG	<i>Stratigraphic applic. to solving ground-water res. issues</i> R.Blake/K.Ehman DEG	<i>Recent Advances at Elk Hills: Marrying Geology with Technology</i> B. Countryman / B. Long AAPG		<i>Logging</i> Grayson / Julander SPWLA	
<i>Geological, Geophysical, and Petroleum Engineering Aspects of Deep-Water Deposits</i> T. Nilsen / D. Miller / H. Camacho AAPG		<i>Environ. Geology in the Petrol industry: new ideas, new strategies</i> S. Testa JOINT	<i>Environmental/Property Conversion</i> P. Gorski JOINT	<i>Neotectonics and Geologic Hazards of Southern California</i> C. Walls / E. Gath AAPG	
<i>The California Continental margin: Active tectonic, structural evolution, and fluid flow</i> M. Legg / P. Eichhubl AAPG		<i>The Monterey Revisited: where are we now?</i> J. Schwalbach/R. Behl AAPG		<i>Tectonics and Sedimentation: an integrated approach</i> M. Sullivan SEPM	<i>Petroleum-related activities in the LA Basin</i> R. Suchsland AAPG
<i>Production Engineering</i> S. Hara SPE	<i>Drilling / Facilities</i> M. Harr SPE	<i>Management Panel Perspectives on Critical Industry Issues</i> B. Brauer JOINT	<i>Contributions to lower Pz Great Basin Strat: A symp. honoring J.Cooper</i> S. Finney SEPM	<i>San Joaquin Engineering</i> J. Jones SPE	<i>Academic/Research Innovations</i> J. Torabzede SPE
<i>Geoscience Perspectives</i> R. Finken JOINT	<i>Reservoir Engineering California</i> S. McGurk SPE	<i>Papers Independents Day</i> I. Ershaghi PTTC	<i>Panel Independents Day</i> I. Ershaghi PTTC	<i>Reservoir Engineering</i> E. Mayer SPE	<i>Fracturing</i> M. Bruno SPE
	<i>Poster Session</i> T. Thompson JOINT	<i>Poster Session Undergraduate Research in Sedimentary Geology</i> S. Davies / M Caputo SEPM	<i>SPEE Panel Discussions</i> R.Finken / D. Gold SPEE	<i>Poster Session Tectonics, Fluids & Sedimentation</i> T. Thompson AAPG	

Session Titles and Session Chair(s) / Moderator(s) are noted. Final program subject to change

	JOINT GEOSCIENCE AND ENGINEERING SESSIONS (6) - Includes SPWLA / DEG sponsored sessions.
	SPE ENGINEERING SESSIONS (7)
	GEOSCIENCE SESSIONS (17) - Sponsored by AAPG / SEPM / SEG / DEG
	PTTC / SPEE= GEOSCIENCE AND ENGINEERING SESSIONS (3) - Sponsored by PTTC and SPEE

Your Name Here!

Advertising in this newsletter is now available!

Advertising rates for a business card size add are \$60.00 for six issues. These fees help offset our publishing costs. If interested, please contact Dalton Lockman



Los Angeles Basin Geological Society Membership Form

Join the LABGS and become a member of the Pacific Section AAPG all for one low price of \$12.00 per year - 2 West Coast Geoscience Organizations for the price of one



Membership Benefits

- LABGS Membership
- Monthly Luncheon Meetings with Strong Technical Programs
- Pacific Section AAPG Membership
- Pacific Section AAPG Bi-Monthly Newsletter
- Discounts for PSAAPG Bookstore Publications
- Bi-Annual West Coast Geoscience Directory - *next edition 6/03*
- Networking and Social Opportunities with Fellow Geoscientists

Current Annual LABGS/PSAAPG Dues

1 Year Option = \$12.00 \$ _____
3 Year Option = \$36.00 \$ _____

Extended E-Mail Announcement List Fees

To receive meeting notices from SJGS and CGS

1 Year Option = \$12.00 \$ _____
3 Year Option = \$36.00 \$ _____

PSAAPG Foundation Contributions

B. Hacker Publication Fund \$ _____
Martin Van Couvering Fund \$ _____
Dibble Map Foundation \$ _____
California Well Sample Repository \$ _____
John Kilkenny Scholarship Fund \$ _____
PSAAPG Foundation Trust Fund \$ _____

TOTAL PAYMENT

Total Amount Enclosed \$ _____

Essential Member Information

Last Name _____
First Name _____
Middle Initial _____
E-Mail Address _____
Mail Address _____
Res or Bus ? _____

Additional Directory Information

Employer _____
Position / Title _____
Bus Phone # _____
Res Phone # _____
Fax Phone # _____
Spouse's Name _____
Education *Highest Degree* _____ *Year* _____
School _____

Signature _____

Annual membership is handled through PSAAPG and runs from July 1, through June 30. If you are already a current member of PSAAPG and you selected LABGS affiliation you are already a member of the LABGS.

**Please Make Checks out to PSAAPG and mail along with member form to:
PSAAPG P.O. Box 1072, Bakersfield, CA 93302**

