

Inland Geological Society

Newsletter of the Inland Geological Society

Volume 22 No. 2

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This Meeting:

Wednesday
February 1st

Time:

Social: 6:00pm
Dinner: 7:00pm
Lecture:
7:30pm

Location:

Riverside
Metropolitan
Museum

(Directions Pg. 5)

Coming to Dinner?

Please **RSVP:**

By Monday
1/30

food@inlandgeo.org

February Speaker

Michael Rymer

United States Geological Survey
Menlo Park

Talk Title:

Late Quaternary and Holocene structural complexities in the San Andreas fault--Examples from Durmid Hill and the Indio Hills, Coachella Valley, California

Michael Rymer is a geologist with the U.S. Geological Survey. Since 1985, much of his work has been studying the San Andreas Fault and associated faults in the Coachella Valley region. Mike has spent significant time engaged in geologic mapping of uplifted and deformed mid- to late Quaternary deposits in the Indio and Mecca Hills.

Michael Rymer received his B.S. in Geology from San Jose State College in 1970 and his M.S. in Geology from San Jose State University in 1978. He has been a Geologist with the U.S.G.S. since 1973 and is a member of the Earthquake Hazards Team. His research interests and areas of contribution include (1) Geophysical and structural studies of fault zones; (2) Quaternary tectonics of San Andreas fault in central and southern California; (3) Paleoseismicity; (4) Seismotectonics of active fault systems. Mike has also worked with provenance studies, paleomagnetism to test for tectonic rotation, and high-resolution seismic reflection and refraction profiling. □

2006 IGS OFFICER CONTACT INFO**President**

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and Patrice Copeland (patrice.copeland@sbcglobal.net)

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Treasurer

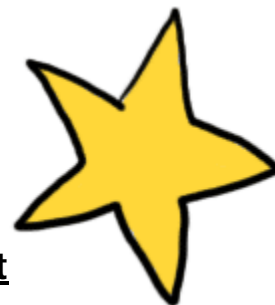
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**New Officer Spotlight**

IGS Vice-President Phoung Kim Chau graduated from Occidental College in May, 2003 with a BA in Geology. She wrote her Senior Thesis on the Geomagnetic Polarity Reversal in the Miocene-Age recorded in samples taken from Nevada basalts that had cooled during the polarity reversal. Active as a research assistant throughout her academic career, Phoung decided to try something new and chose a career in consulting after graduation. She spent a winter as a paleontologist for SWCA Environmental Consultants of Mission Viejo, on a rough-grading site in Temecula then switched to the hydrogeology side of things in the Spring of 2004, as a Staff Geologist for GSI Water, a small hydrogeology consulting company in South Pasadena. Currently, Phoung has found her niche as a Staff Geologist and

Environmental Scientist for the Leighton Group in Temecula. Leighton Group is a geotechnical engineering consulting firm, involved in diverse projects from large tract homes, airports, major streets and roadways, environmental remediation, to materials testing. Welcome!

Inland Geological Society Seeks Speaker Topics and Speakers

Informative and interesting talk topics and speakers on subjects in the earth sciences have always been a highlight and purpose of regular monthly meetings of the Inland Geological Society for over 20 years. Local and regional topics and speaker programs are essential for a group that meets monthly, for the most part that is comprised of local or regional residents or employees, professional or interested parties alike.

Currently, IGS is seeking suggestions for future talk topics and suggestions for potential speakers. Your suggestions and ideas are very important, so that we can cover a cross-section of subjects and interests

IGS is soliciting your suggestions for topics for throughout the year and suggested speakers, as follows:

- Request a Topic
- Suggest the reason for the Topic
- Suggest a Speaker
- Suggest Speaker contact information
- Suggest Other Topics/Speakers
- Other requests

Please forward your ideas and suggestions to Greg Johnson and/or Rick Gundry.

Inland Geological Society Upcoming Talks

Thursday, March 2nd

Ontario, California,

"Evolution of the deep crust and upper mantle beneath the southern California region"

Dr. Jason Saleeby, Professor, California Institute of Technology, Pasadena, California

Wednesday, April 2nd

Riverside Metropolitan Museum

"Dealing with Uncertainty Regarding the Chemistry of Drinking Water Wells – an Example from the City of Riverside"

Dr. Matt Werner, Sr. Project Director, Earth Tech, Long Beach, California

Tuesday, May 16th

Geology Department, California State University, San Bernardino

Dr. Erik Melchiorre, hosting

"Student Talks and Poster Sessions", and Preview of Summer expedition to Broken Hill Australia"

Joint meeting with Southern California Section, Society of Mining, Metallurgy and Exploration (SME).

Wednesday, June 7th

Riverside Metropolitan Museum

Aquifer Testing – Title TBA

Tom Perina, CH2M HILL



www.inlandgeo.org

Other Announcements

Field Trip

Barstow Fossil Beds and Rainbow Basin
With San Bernardino County Museum Senior Curator Kathleen Springer, and Curator of Paleontology Eric Scott, and Curator of Geology J. Chris Sagebiel
Saturday, February 25, 2006
7:00 a.m. to 6:00 p.m.

http://www.co.san-bernardino.ca.us/museum/membership/pdf/FieldTrip_Fossil-Beds_0206.pdf

Employment Opportunity

Petra Geotechnical is currently seeking experienced engineering geologists for our Costa Mesa, Ontario and Palm Desert 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

Short Course

Long Beach (March 6)
and San Diego (March 7)

"The Latest Developments in Environmental and Geotechnical In-Situ Testing"

Dr. Peter Robertson

Covers the latest developments in the use of in-situ testing with emphasis on cone penetration testing (CPT) in environmental and geotechnical site investigations. Emphasis will be given to recent advances and regulatory requirements in the area of liquefaction potential determination and remedial design considerations.
(562) 427-6899, www.greggdrilling.com

Conference

2006 Ground Water Summit,
April 23-26, 2006, www.ngwa.com
San Antonio, Texas

Inland Geological Society

2006 MEMBERSHIP DUES**PLEASE REMIT THIS FORM WITH DUES PAYMENT**

Name: _____

Job Title / Company: _____

E-mail address: _____

 Home address: _____

Phone Number: () _____

 Business address (if different than above):

Phone Number: () _____

MEMBERSHIP DUES: **\$15.00 for e-mail newsletter (best deal in town)** **\$20.00 for paper newsletter.** If you opt to receive a paper newsletter, please indicate which address you prefer to receive your newsletter by checking the appropriate box. **\$ 5.00 for Students****Please indicate: ___ New ___ Renewal _____ Educational Org/Sister Society**

Payment for dues and/or T-shirts may be made by cash, check or money order.

Please make your check or money order out to: INLAND GEOLOGICAL SOCIETY

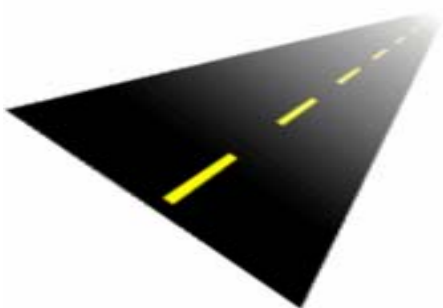
T-SHIRT ORDER: \$15.00 Please indicate size:

 Medium Large X-Large XXL XXXL

(Note: Dues are required to receive a monthly newsletter and are renewable in January of each calendar year. New regular members may pay pro-rata for remaining months of the year: \$20.00/12 months x the number of remaining months in the year). Dues may be paid at the monthly meetings, or send your payment and this membership form to: STEVE MAINS, IGS MEMBERSHIP CHAIR, 6447 JAGUAR DRIVE, RIVERSIDE, CA 92506-4651 (951) 780-5636 or Watermains@aol.com

Directions to the Meeting:

Riverside Metropolitan Museum is located at the southeast corner of Mission Inn Avenue and Orange Street, in downtown Riverside, across the street from the Mission Inn and the Riverside Public Library.

*From 91 North:*

Exit University Avenue,
Proceed straight to Mission Inn Ave.,
Turn Left (West) onto Mission Inn Ave,
Museum will be on left.

From 91 South:

Exit Mission Inn Avenue,
Turn Right (West),
Museum will be on left.

Inland Geological Society

Geomatrix Consultants, Inc.



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