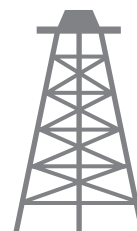




Pacific Petroleum Geology



NEWSLETTER

Pacific Section • American Association of Petroleum Geologists

September & October 2019



**Remembering a Member,
Upcoming Events, Earth Science Week, and
Earthquake Damage at CWSR**

THANK-YOU

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COVER PHOTO: Sunset over Kern River Oilfield, taken by Brandi Johnson in 2016.

PSAAPG Newsletter has now gone DIGITAL!

In an effort to reduce overhead and provide meaningful programs to our membership and the community, PSAAPG has decided to go DIGITAL! For those members still wanting hard copies of the newsletter, please email **editor@psaapg.org** or write to us at:

Pacific Section AAPG
P.O. Box 1072
Bakersfield, CA, 93302

- CONTACT THE EDITOR at editor@PSAAPG.org
- Images (graphics, photos, and scans) must be at least 300 dpi resolution. Text should be at least 600 dpi.
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Advertisements reduced price by 50%
due to drastic drop in oil prices

Societies Free Advertising:

Convention: Unlimited Space in PSAAPG Newsletter
Societies: 1/4 Page in AAPG Explorer

Hello Pacific Section AAPG Members,

Summer is winding down, despite what the thermometer says. The days are getting shorter and Fall is just around the corner. It's also "back to school time". Growing up in household of teachers and spread-out siblings (and now nieces) it seems like there is always someone getting back to school this time of year. I don't know about you, but I've always felt like September is the start of the year, a chance to get back on track after the summer months, an opportunity to refocus, establish new routines and goals.

Most of our local societies will be meeting again after a summer hiatus. If you have not attended a meeting lately, check out their websites or a few pages into this newsletter. We happily post when and where each meeting is held. Take the opportunity to reconnect with friends and colleagues you have not seen in a while. Settle in for an exciting technical talk carefully curated by each society.

We have some exciting things happening this Fall. The West Coast Student Expo will be held at California State University Bakersfield for the first time, October 4-5, 2019. Students and industry professionals are welcome to attend. If you are looking for interns or college hires you will not want to miss this event. Likewise, if you are a student (under graduate or graduate) be sure to register, present a poster, and brush up your resume. For more information please check out the website http://www.scub.edu/Geology/ps-aapg_west_coast_expo/index.html. Each Fall PSAAPG hosts the Student Chapter Leadership Summit (SCLS) here in Bakersfield. We invite two students from all schools with/or thinking of starting an AAPG Student Chapter. Over the weekend the students get to meet with industry professionals, ask questions to a panel of working geologists, share their experiences with IBA, and best practices for their student chapter. This year we're excited to combine the two events (Student

Expo and SCLS) so students can maximize their weekend. We'll also be able to have more participants. Stay tuned for more information.



Even if you are not a student. I invite you to look towards the season as an opportunity to learn something new. Are you thinking of taking the GIT or PG test? It may be too late for the October 4th test date, but it's never too early to start for the Spring test! When was the last time you attended a field trip? PS-SEPM is hosting their annual Fall field trip October 26-27. They will be exploring the Owens Valley Carbonate Platforms. If you have been out of school for some time but are interested in continuing your education check out your local college or university. Here in Bakersfield, SJGS's own Dr. Gregg Wilkerson will be offering a class titled, "Geology and Hollywood" at Bakersfield College. Earth Science Week is October 13-19, 2019. If you'd like to get involved, you can check out the website www.earthsciweek.org. You can also read more about it in an article by Karla Tucker, PSAPPG TOTY Coordinator.

Best of luck to those of you that are heading back to school, whether it be to teach, finish a degree, or for continued learning. Thank you to the teachers and professors for helping train and motivate our geologists.

Until next time,

Becca Schempp
PSAAPG President, 2019-2020

Muriel Norton Barth

September 12, 1941 - July 24, 2019

Our beloved Muriel departed this earth on July 24. She was 77 years young. Earlier this year Muriel was diagnosed with pancreatic cancer and passed away peacefully at home in Ventura, California.

Muriel was born and raised in Calgary, Alberta, Canada. Her job as a map colorist for British Petroleum was the start of a long career in the seismic industry. When her department was transferred to California in the 1960s, Muriel jumped at the opportunity. Several years later she married Henry Norton (deceased) and they moved to Oxnard, California. She attended California Lutheran University and graduated with a Bachelor's degree in Geology. Muriel's next major career move was as a geologist for McClelland Engineers in Oxnard. At McClelland she was part of a team that collected and interpreted marine geophysical data for numerous clients worldwide. In the early '80s she requested to be part of a shipboard research team that was working in the Bering Sea. She was the first woman to go offshore for the company. (During this period she and Henry were divorced.) Muriel worked offshore for several years and when McClelland was bought by another firm, she was laid off.

Shortly thereafter Muriel teamed with a colleague (Michael Barth) to start Geoquip Corporation, an innovative company that acquired and interpreted high resolution marine seismic data. Muriel managed the field crews for projects in the contiguous United States, Alaska, and South America. After operating in Houston for several years in the '90s, Muriel and Mike returned to their home in California and started a new company, Subsea Systems, Inc. At long last Muriel and Mike married in 2001.

The M&M team partnered with Silicon Valley-based Geometrics to develop the first digital high resolution multichannel marine seismic streamer; the two companies have had a long and successful arrangement since. Muriel managed the Subsea office until she retired in 2013.

Muriel loved to travel and participated in local and international geologic field trips to China, South America, Galapagos and New Zealand. She shared her passion for travel with her extended family, trekking through her beloved Canadian Rockies whenever she could find the time. Business took Muriel and Mike all over the United States, as well as to Norway and Turkey. Her office was always a source of inspiration, full of newspaper and magazine clippings about places she hoped to visit and explore.

For 25 years she volunteered at the Coast Geologic Society where she saw the passage of 30 CGS presidents. She served with great care, humility and dedication and was the thread of continuity and comfort at CGS, for which she received numerous awards.

Muriel was an avid golfer, watching and playing, and practiced yoga for over 30 years until just this past May. She appreciated nature and loved walking the Ventura pier seashore and the canyons of the Pacific Coast. Her smile was contagious. You could walk into the room a stranger and before you knew it she would be over to say hi, give a big smile and welcome you as a friend.

She is survived by her husband Mike, her sister Eva Teubert; nieces Liane (Rich) Ralston and Lauren Rouse; nephews Mark (Elaine) Teubert and Gordon (Sheri) Rouse. Two gatherings to celebrate her life will be held in early fall, one in Calgary and the other in Ventura. In lieu of flowers, please make donations to the charity of your choice.

Excerpt from her diary written in the Bering Sea, 1982 during rough seas:

I want to make bread,
I want a cat or two,
I want some flowers in my garden,
I want to spend more time alone.

Do I compromise a contented life with a less than contented work life – or do I make the work work for me? Death leaves a heartache no one can heal. Love leaves a memory no one can steal. (Anonymous). We miss you Muriel.

Published in the Los Angeles Times from Aug. 2 to Aug. 4, 2019





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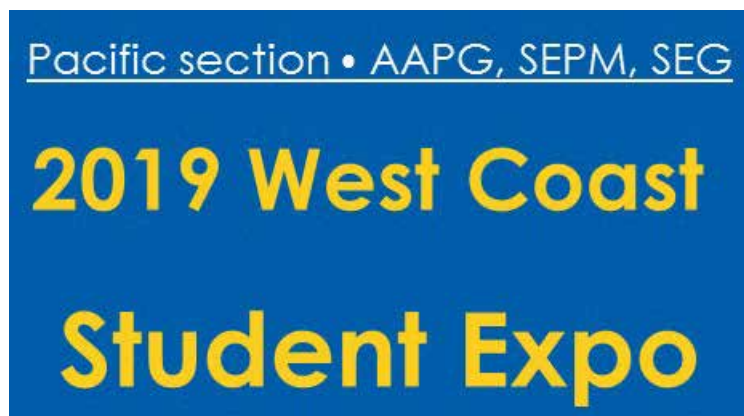
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October 4-5, 2019
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*Are you a student looking for
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*Is your company looking to bring
on an Intern?*

Attend the 2019 West Coast Student Expo!

The PS-AAPG West Coast Student Expo is set for Friday and Saturday, 4-5 October, 2019. The venue will be at California State University Bakersfield in the Student Conference Room.

Tentative Schedule of Events

Friday, October 4

8:00am - 4:00pm	Registration
8:30am - 12:00pm	Company Booth Set-Up
8:30 - 9:30am	Student Poster Set Up
9:30am - 12:00pm	Student Poster Session
12:30 - 1:30pm	Luncheon
1:30 - 2:30pm	Round Table Discussion followed by Poster Awards
3:00 - 5:30pm	Company Booth Exposition

Saturday, October 5

8:00am - 5:00pm	Company Interviews of Students (by invitation only)
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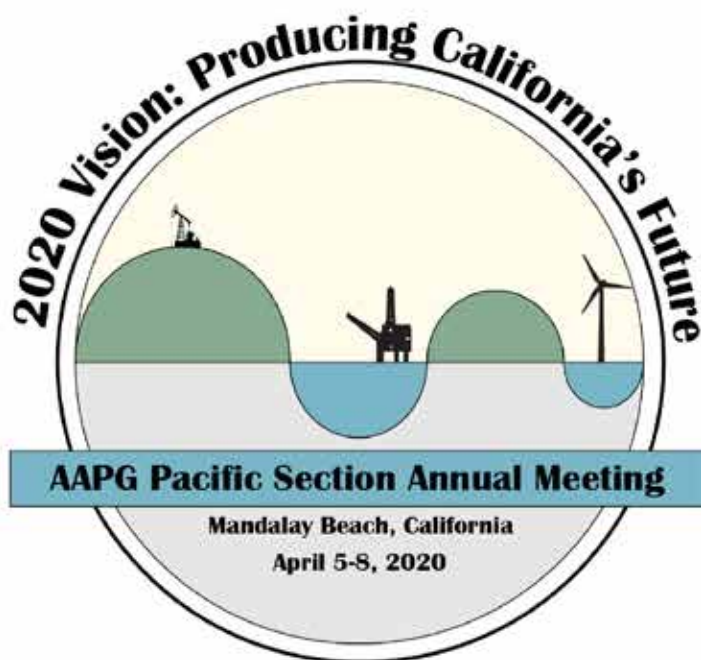
California
Department of
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Visit the website for all of the Expo information:

https://www.csub.edu/Geology/ps-aapg_west_coast_expo

or contact: Dr. Liaosha Song, Dept. of Geological Sciences, CSUB

by email: lsong1@csub.edu **or phone:** (661) 654-3040



2020

**AAPG Pacific Section
Annual Meeting**

April 5-8

**Mandalay Beach Resort
Oxnard, California**

**Coast Geological Society is excited to announce the
2020 PSAAPG Annual Meeting. Join us for a week of
interesting talks, fieldtrips, and insightful short courses.
Sit back, relax, and we'll see you at the beach!**



2020 Pacific Section AAPG/SEPM Convention

Request for Input to Technical Program



The Pacific Section AAPG Convention returns to Oxnard April 5-8, 2020 at the Embassy Suites Hotel. Here is your chance to influence and contribute to a top-notch technical program. The technical program committee is currently seeking input for potential topical sessions, field trips and short courses.

For technical sessions, please indicate if you would be willing to co-chair. Session co-chairs should have expertise in the subject area and be prepared to solicit abstracts on the topic. Proposed field trip and short courses will be vetted by the committee. If you are a potential field trip or short course instructor, please let us know.

We strive to present a memorable technical program that focuses on the needs of our members—but to do that we need your participation. So bring forth your ideas and start thinking about abstracts you might present. The call for papers will go out late in September, so we need your input now. Please send your input to:

Eric White: eric.white@numericsolutions.com

Jon Schwalbach: jonschwalbach@yahoo.com

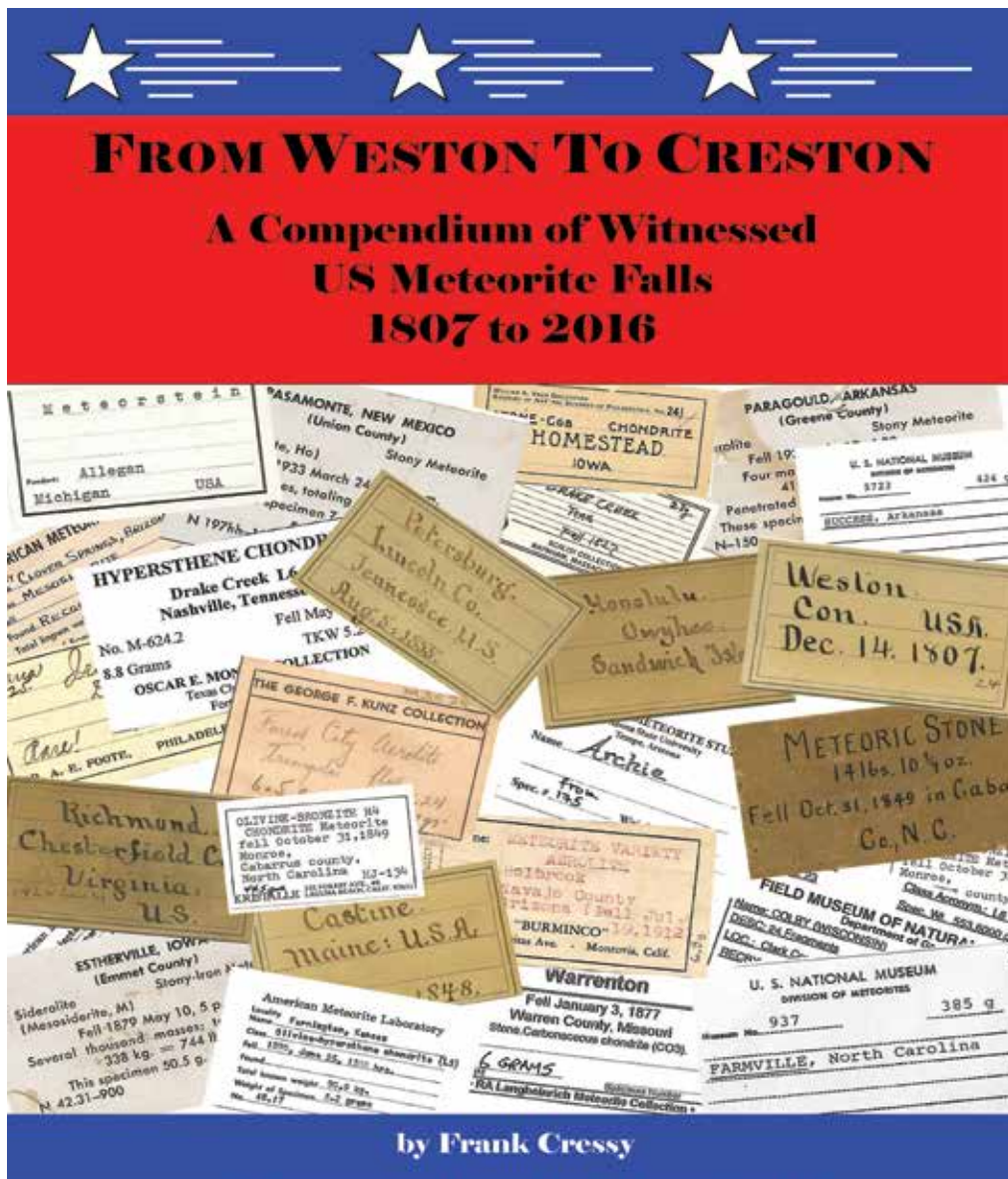
New Publication

“FROM WESTON TO CRESTON – A Compendium of Witnessed US Meteorite Falls – 1807 to 2016”

by Frank Cressy

The violent display of blazing light and explosive sounds ending with meteorites crashing to the ground is an unforgettable event to those who witness it firsthand. This book summarizes the fall histories of nearly 170 witnessed meteorite falls that have occurred in the United States since the first documented fall at Weston, Connecticut in 1807. It is written not only for the collector of these rare objects, but also for those interested in the history and the growth of the branch of science known as Meteoritics. The accounts of the fall phenomena and recoveries associated with these extraordinary events are the focus of the book. However, the book is more. The reader will learn about those individuals responsible for the growth of the science and their contributions, together with interesting facts and coincidences about these visitors from space; 257 pages with over 300 color photos plus maps, figures and illustrations.

Soft Cover books \$36.00; for ordering, contact: fcressy@prodigy.net



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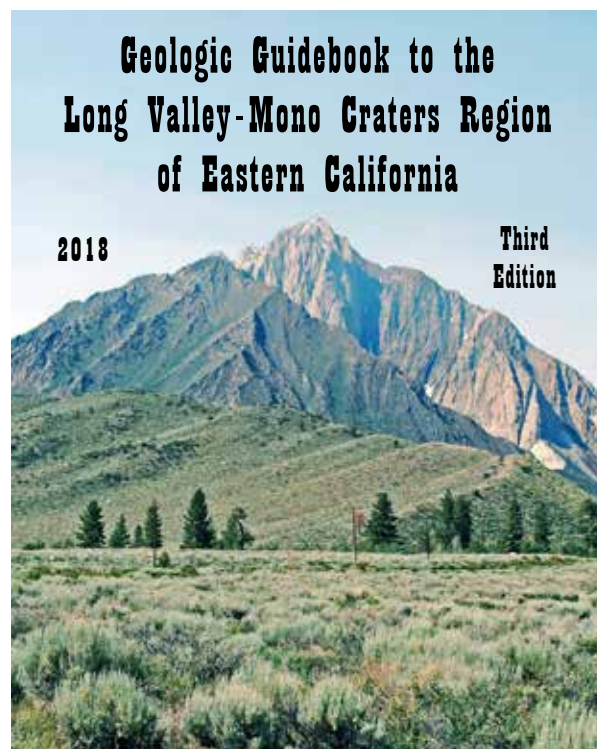
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email: gsn@gsnv.org

phone: (775) 323-3500



Geological Society of Nevada

PSAAPG Membership Directory

The PSAAPG website will have a members-only password-protected membership directory available as of March 1, 2018

Please email SKChehal2@aeraenergy.com if you do not want your name listed. There will also be a checkbox for this on the PSAAPG membership renewal form that goes out before the end of this year.

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Earth Science Week

‘Geoscience is for Everyone’

October 13-19, 2019

Karla Tucker

PSAAPG Teacher of the Year (TOTY) Chair

We all know it is important to communicate the importance of geology to the general public. The American Geosciences Institute (AGI) has been coordinating Earth Science Week (ESW) with the help of its sponsors in the geoscience community since 1998. While I was teaching 4th Grade, I would order an ESW Toolkit and find activities to do with my students that were age-level appropriate. I taught an earth science unit each year that included rocks and minerals, weathering and erosion, and the rock cycle. Even though I was required to teach all subjects at the 4th grade level, science was the subject that really engaged most of my students. After I retired from teaching and returned to petroleum geology, I continued to order my ESW Toolkit and visit teacher friends in my old school district to share my passion for geology and engage students in a subject they enjoy.

Have you volunteered in a classroom? Do you have children, grandchildren, nieces, nephews, or even a local school in your neighborhood? Teachers welcome professional geologists into their classrooms to expand their knowledge of earth science and introduce their students to possible careers in geology. Whether it's volcanoes, fossils, rocks, minerals, beautiful geology of local parks, oil and gas production, mining, etc, find a teacher in your community and volunteer to visit her/his classroom. Ask her/him what earth science standards they are required to teach at their grade level. Most teachers do not have a great background in earth science, and we know the importance of geology and how it impacts all of us. You can find more information about ESW and how to order an ESW Toolkit at earthsciweek.org.

If you do find a good earth science teacher, please nominate them for your local geology chapter's Teacher of the Year (TOTY) in Earth Science award. PSAAPG affiliated chapters should then forward their TOTY winners to me for consideration for the PSAAPG TOTY award. Let's all do our part to make 'Geoscience for Everyone'!

Be a part of the PSAAPG Newsletter!!

The PSAAPG Newsletter is always looking to highlight its members' insights and expertise.

Be a part of the bi-monthly newsletter by sending in your technical articles to:

editor@psaapg.org

Articles for the newsletter should be no more than 7 pages in total. Any figures or images (graphics, photos, and scans) must be at least 300 dpi resolution. Scanned photos, illustrations (line art) should preferably be submitted as a .tif, .gif, or .bmp; .jpeg format and should include titles and captions.

Earthquake causes minor damage at the California Well Sample Repository in Bakersfield, CA



The July 5th 2019 earthquake in Ridgecrest, CA did a lot of damage in that small town. While most people in Bakersfield enjoyed the moderate rolling of the ground and the sloshing of the water out of their pools. Very little damage was noted in the news. However, one, only one, of the many shelves of core samples stored at the California Well Sample Repository located on the campus of Cal State University Bakersfield got a little twisted up. We are in the process of replacing the damaged shelves now.

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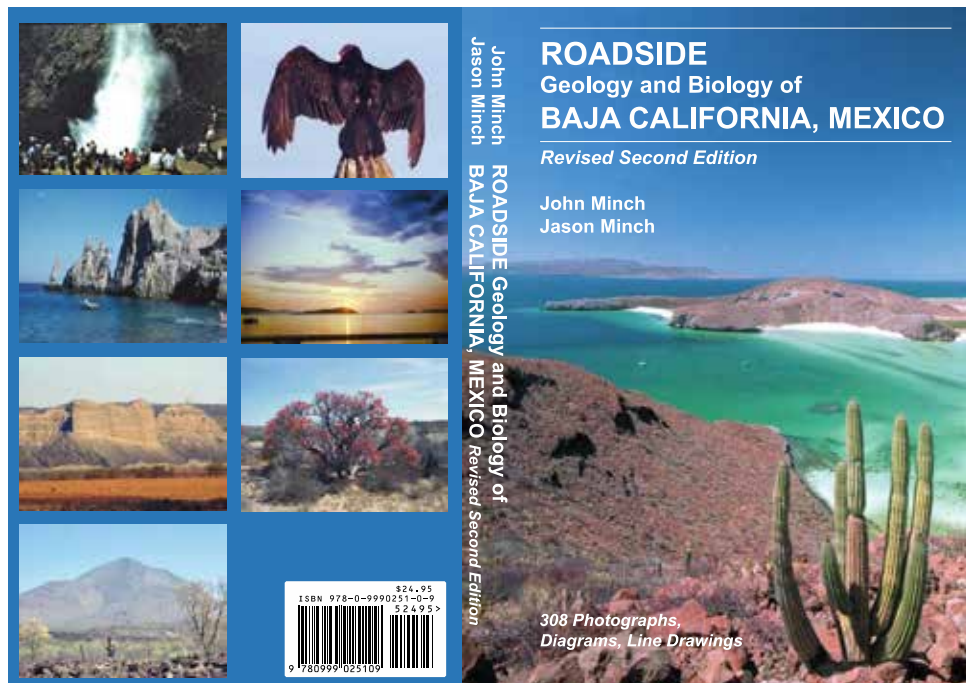
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Northern California Geological Society

September 25th

Speaker: Dr. Douglas Dreger — UC Berkeley

Talk: Exotic Seismic Sources: Nuclear Explosions, Mining Events, Volcanic and Geothermal Seismicity, and a Landslide

October 30th

Speaker: Dr. Russell Graymer — USGS

Talk: Geologic and geophysical framework of Mt Diablo

November 20th

Speaker: Dr. David P. Schwartz — USGS

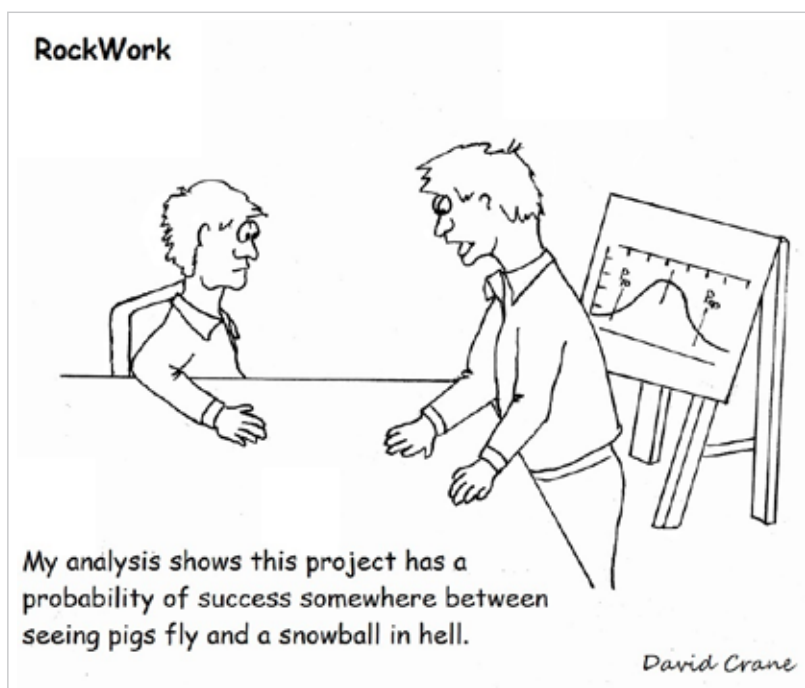
Talk: Earthquakes in the East Bay

San Joaquin Geological Society

Friday, September 20th — 2019 Fall Fiesta

Tuesday, October 8th — Dinner Meeting

Saturday, October 26th — Fall Field Trip



AAPG Needs Visiting Geoscientists

The AAPG Visiting Geoscientist Program needs volunteers to give talks at colleges, universities and local societies.

<https://www.aapg.org/career/training/in-person/visiting-geoscientists>

Because travel time and cost is the largest impediment to getting good people to where they are needed, it is best to have a reservoir of good, interesting speakers available in each region.

The Pacific Section needs you!

To become a Visiting Geoscientist an individual must be:

- Be a current AAPG Member.
- Have five or more years of geology experience.
- Active in the petroleum geology field.
- Interested in encouraging career development in geology.
- Make at least one visit per fiscal year.

<https://www.aapg.org/career/training/in-person/visiting-geoscientists/become-vg>

Please register and apply to be an AAPG Visiting Geoscientist!

Alaska Geological Society

www.alaskageology.org

P. O. Box 101288
Anchorage, AK 99510

Contact: Keith Torrance
ktorrance@gci.net



Geology meetings/talks are held monthly September through May, usually on the third Thursday of the month, at the BP Energy Center (1014 Energy Court) from 11:30 am to 1:00 pm. Open To The Public. No Charge to Attend.

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Past-President:	Art Banet	banetak@gci.net

Coast Geological Society

www.coastgeologicalsociety.org

P. O. Box 3055
Ventura, CA 93006

Contact: Eric White
805-628-2312



Dinner meetings are held monthly September through May, on the third Tuesday of the month, at Poinsettia Pavilion, 3451 Foothill Road in Ventura. Social hour starts at 6:00 p.m., dinner is served at 7:00 p.m., and the talk starts at 8:00 p.m. The cost of dinner with reservations is \$20 (members), \$25 (non-members), or \$10 (students and K-12 teachers). For reservations, please email Shelby Fredrickson (secretary@coastgeologicalsociety.org), and should be made by 4:00 p.m. on the Friday before the meeting.

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Webmaster/Tech Support:	John Rice	webmaster@coastgeologicalsociety.org

Los Angeles Basin Geological Society

www.labgs.org

Contact: Bert Vogler
949-585-3103



Luncheon meetings are held monthly September and October; and January through June, usually on the fourth Thursday of the month, at The Grand at Willow Street Conference Centre (4101 E. Willow Street) in Long Beach. Lunch is served at 11:30 a.m., and the talk starts at 12:15 p.m. The cost is \$30 (with reservations), \$40 (without reservations), \$20 for retired members, and \$5 for students. "Reservations can be made online at www.labgs.org or by contacting Wanjiru Njuguna at wanjiru.njuguna@gmail.com. Reservations are best made prior to Tuesday before the meeting.

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Webmaster	Wanjiru Njuguna	wanjiru.njuguna@gmail.com

Northern California Geological Society

www.ncgeolsoc.org

803 Orion #2
Hercules, CA 94547-1938

Contact: Barbara Matz
barbara.matz@aptim.com



Evening meetings are held monthly September through May, usually on the last Wednesday of the month, at the Masonic Center (9 Altarinda Road) in Orinda. Social hour starts at 6:30 p.m., and the talk starts at 7:00 p.m. (no dinner). For reservations, contact Dan Day at danday94@pacbell.net before the meeting. Cost is \$5 per regular member; \$1 per student member; and \$1 per K-12 teachers.

(Continued on next page)

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	Scholarships:	Phil Garbutt	plgarbutt@comcast.net
	Program Director:	John Karachewski	g162dvc@gmail.com
	Website Editor:	Jonathan Partsch	jon.partsch@gmail.com

Northwest Energy Association
www.nwenergy.us

P. O. Box 6679
Portland, OR 97228 *Contact: Jim Jackson or John Armentrout*



Luncheon meetings are held monthly September through May, on the third Thursday of the month, at the Multnomah Athletic Club (1849 SW. Salmon Street) in Portland, Oregon. Meeting time is at 11:45 AM to 1:00 PM (speaker about 12:15 PM). The cost is \$25 for members and \$30 for non-members. For information or reservations email NWEnergyAssociation@gmail.com, or our Postal Box: Northwest Energy Association, P.O. Box 6679, Portland, Oregon 97228-6679.

President	Laird Thompson	lbtfracs@gmail.com
Vice-President	Chris May	c.law.may@gmail.com
Treasurer	Barb Portwood	bbportwood@gmail.com
Co-Treasurer	Jim Jackson	jackson.js@comcast.net
Secretary	Clark Niewendorp	clark.niewendorp@state.or.us

Sacramento Petroleum Association

P. O. Box 1844
Folsom, CA 95630 *Contact: Pam Ceccarelli 916-439-0400*



Luncheon meetings held monthly January through November, on the third Wednesday of the month. Location: Club Pheasant Restaurant in West Sacramento. The meetings start at noon. The cost is \$16 - \$20. For information or reservations, contact Pam Ceccarelli.

President:	Jerry Reedy	JWR5532@aol.com
Vice-President:	Scott Hector	Scott.Hector@gmail.com
Secretary	Derek Jones	djones@gasbiz.com
Editor/Treasurer	Pam Ceccarelli	pc626@comcast.net

San Joaquin Geological Society
www.sanjoaquingeologicalsociety.org

P. O. Box 1056
Bakersfield, CA 93302 *Contact: Lindsey Thompson lthompson@envirotechteam.com*



We have dinner meetings on the second Tuesday of the month, October through June, at the American Legion Hall (Post 26) at 2020 H Street, Bakersfield, CA 93301. There is an icebreaker at 6:00 p.m., dinner at 7:00 p.m., and a talk at 8:00 p.m. Dinner is \$25 for members with reservations and \$30.00 for nonmembers and members without reservations. Students may attend for free.

President:	Jeff Kimber	Jeff.kimber@conservation.ca.gov
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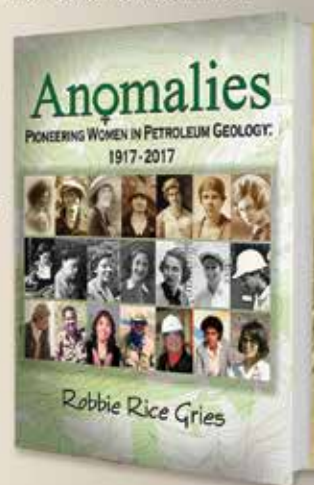
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Once released, the book can be ordered from the AAPG Store for \$50 plus shipping and handling. Please e-mail publications@AAPG.org expressing your interest and we will contact you as soon as the book is available. Don't want to wait? Visit the AAPG Center at the 2017 ACE meeting to purchase your copy.



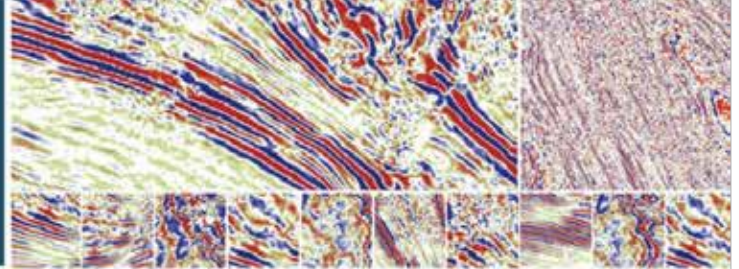


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