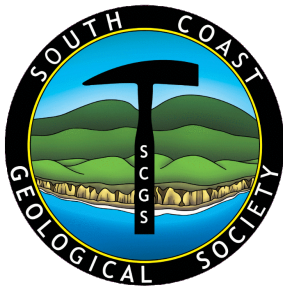


THE RECORD

OFFICIAL NEWSLETTER OF THE

South Coast Geological Society



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MEETING
INFORMATION

Time:

Social Hour: 6:00 PM

Dinner: 6:30 PM

Talk: 7:30 PM

Location:

Dave & Buster's

Meeting Date: Monday, October 15th

Guest Speaker: Trevis J. Matheus Ph.D.

Topic: Sub-annual perspectives in Western US

Dendroclimatology

Abstract:

The discipline of dendrochronology (the study of tree-rings), has aided in archaeology, climatology, hydrology and more since the early 1900s. My research primarily focuses on examining past climates utilizing tree-rings. The strength of using tree-rings to date structures or reconstruct climate lies in its finely resolved temporal resolution. Tree-rings are one of only a few proxy records with annual resolution. Recent work has been able to improve the resolution to a sub-annual scale, consisting of a warm (May through September) and a cool (October through April) season. In this talk, I will elaborate on the methodology used to examine sub-annual rings including new novel methods I've developed. I will also present my research on utilizing these methods to examine droughts, snowpack, and other regional paleoclimate phenomena.

Click Here to RSVP for the Meeting!



20 City Blvd W
Orange, CA 92868
Cost:
Member \$30
Non-Member \$35
Student/Prof. \$15



Trevis Matheus, Ph.D.

**Department of Geography and the Environment,
California State University, Fullerton**

Speaker Information:

Presidents Corner

Hello South Coasters!

First I'd like to congratulate the Society for a very successful Southern Cascades field trip attended by 65 adventurous volcano seekers. The trip included some significant travel to get there and quite a bit of driving while up there to cover an area of California most of the members had never seen: Lava Beds National Monument, the edge of the Modoc Plateau, Medicine Lake Volcano, and the formidable Mount Shasta up close and personal. I also heard many of the attendees spent a day in Lassen Volcanic National Park. We got to step inside Oregon and experience some NorCal weather too! A huge thank you to Dr. Brandon Browne for teaching us so much about not just the geologic features but the processes and significance of those features. Brandon was the inspiration for this trip and was at my side the entire time. Bill Hurt of College of the Siskiyous was able to provide a lot of local knowledge of Mount Shasta.

The South Coast officers (Allison Bieda, Jenifer Leidelmeijer, Georgie Aronson, Taylor Bogdanovich, and Vanya Keyes) really stepped up with their service this year by orchestrating communications, logistics, tshirts, road logs, check-in, meals, and more all from 650 miles from home. A special thank you to Jen who went above and beyond with making this trip a smooth success. My dad, Tim Lewis, provided lots of

manual labor and also support for me. Tom Devine presented on the Mount Shasta mega landslide and was there for my first scouting trip. Many past Presidents and members helped out around camp including Eldon and Clara, Bob Ruscitto, Paul Parmentier, Virgil Talbot, Jeff Miller, Jon Sanks, and Zach Haygood along with many others. Our student sponsors were George “Bud” Siemering, Jeff Miller, Paul Parmentier, and Timothy Lewis.

There were a lot of lessons learned from this trip and while I don't expect the Society to conduct far trips like this every year I think it proves they can and should be done. This is a service and education organization and it should provide a breadth of priorities and I'm proud of what we've done.

To round out the year, we have our next meeting on October 15th with a talk from Dr. Trevis Matheus of Cal State Fullerton. On November 5th will be our annual student poster session (6-9pm). And finally on December 10th will be our Holiday Party and Officer elections (7-10pm).

As discussed throughout the year, we plan on entering 2019 with new bylaws and a first-ever Board of Directors. To spotlight this process a separate email will be sent out with the details.

Thank you for being a part of, and supporting, the South Coast Geological Society.

Cheers,

Ben Lewis
2018 President

2018 Draft of Updated SCGS Bylaws

Bylaws Draft Presentation

Submit an Abstract for the November Poster Session



Ben Lewis, SCGS President

2018 SCGS Field Trip

Southern Cascades of California: Mount Shasta, Medicine Lake Volcano, Lava Beds National Monument... we even made it to Oregon!

Thank you to all who attended our 45th Annual Field Trip! It was filled with spectacular geology, exceptional lectures, and amazing company!



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Visit the SCGS Fieldtrip Webpage





MEMBERSHIP

Your membership in 2017 allowed SCGS to host stellar field trips, provide over \$2,000 in student scholarships, and improve the society in many ways. South Coast Geological Society raises our annual budget through private contributions, so your membership is essential for us to continue the society, make improvements, provide phenomenal meetings, host field trips, and award student scholarships. To support the goals of SCGS we are asking for your membership renewal for 2018.

A membership to South Coast Geological Society has many benefits including discounted meeting and field trip costs, exclusive field trips and events, and more!

We welcome you to join SCGS, one of the largest, most active Geological Societies in Southern California.

Membership Costs:

Professionals: \$35 / year

Students: Free

Click Here for the Membership Form!

South Coast Geological Society Corporate Sponsorship

SCGS greatly appreciates our Corporate Sponsors! Corporate sponsorship allows SCGS to host stellar field trips, provide annual scholarships, and publish guidebooks. There are four Corporate Sponsorship Levels: DIAMOND (\$1,000+), GOLD (\$500+), SILVER (\$250+), and BRONZE (\$100+).

THANK YOU 2018 SPONSORS!

GOLD



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Rob Hawk

2018 Field Trip Student Sponsors
George "Bud" Siemering - Jeff Miller - Paul Parmentier - Timothy Lewis

Click Here to Become a Corporate Sponsor!

MEETING HIGHLIGHTS

We want to thank all our members who traveled near and far to join us for a great meeting with Dr. Jeff Marshall.

Dr. Jeff Marshall provided an exceptional presentation titled: *Sizing up the subduction beast: A tale of earthquakes and ancient shorelines in Costa Rica and New Zealand.*



UPCOMING EVENTS

**24th Annual Poster Session
November 5th, 2018 from 6 - 9 pm**

The Annual Poster Session is a casual forum for students, academics, and professional geologists to share knowledge, experience, and ideas. A hosted-bar is available inside the venue, along with a buffet meal and general seating.

A total of \$1,000 awarded to top poster presenters!

CALL FOR ABSTRACTS: Are you interested in sharing your latest work, or seeking practice presenting your research for an upcoming meeting (AGU/GSA). Receive excellent feedback from judges and members.

Submit your abstract today!

Deadline to Submit is Friday, November 2nd at 11PM.

Submit an Abstract

Annual Holiday Party and Raffle December 10th from 7 - 10 pm

'tis the season to rock ho-ho-horrible holiday sweaters! Join SCGS for our Annual Holiday Party on December 10th at Dave & Buster's in Orange, CA (7-10pm)! There will be a raffle, silent auction, and an ugly sweater contest.

Raffle and Silent Auction: We have a great assortment of fossils, rocks, brews, and wine for our raffle and silent auction!

Merchandise and Publications SALE: Selected merchandise and publications will be 30-50% off! Be sure to grab some stocking stuffers or a new guidebook!

Call for Donations: We welcome donations of all sorts for our raffle & silent auction. If you have any items such as minerals, rocks, fossils, maps, crafts, bottled brews or wines you wish to donate we will gladly accept them. We greatly appreciate your donations!

Volunteer with SCGS

South Coast Geological Society is seeking a motivated individual for the volunteer position of Secretary. Duties include checking-in members at meetings and events, sending

monthly Newsletters and meeting announcements, managing membership, and maintaining meeting records.

Contact SCGS if you are interested.



Hike & Brew Highlights



South Coast Geological Society Hike+Brew: Whiting Ranch Red Rock Canyon



South Coast Geological Society Hike+Brew: Portuguese Bend Reserve

ADDITIONAL LINKS

Association of Environmental & Engineering Geologists - So. California

Association for Women Geoscientists - LA/OC Chapter

American Society of Civil Engineers

Coast Geological Society

Groundwater Resources Association of California - So. California

Inland Geological Society

Los Angeles Basin Geological Society

San Diego Association of Geologists

San Joaquin Geological Society

Southern California Paleontological Society

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South Coast Geological Society, Inc.

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