

June 2022



LOS ANGELES BASIN GEOLOGICAL SOCIETY

June 23rd (Thursday) – 11:30 AM

*Live, IN-PERSON meeting
Please come and support the LABGS*

Timothy Gross
(California Resources Corporation)

**“Carbon TerraVault:
An Overview of CRC’s Carbon Management Business”**

Abstract

California Resources Corporation (CRC) is committed to the transition in the energy sector. In November 2021, CRC adopted a 2045 Full-Scope Net Zero goal for Scope 1, 2 and 3 emissions. This goal aligns CRC with the state of California’s 2045 net zero ambitions and is among a select few industry leaders to include scope 3 emissions in their Net Zero metrics. CRC defines Net Zero as achieving permanent storage of captured or removed carbon emissions in a volume equal to all our Scope 1, 2, and 3 emissions.

To achieve Net Zero, CRC is prioritizing 50% of all free cash flow into carbon management projects that reduce direct and indirect emissions. Carbon TerraVault is a series of Carbon Capture and Sequestration (CCS) projects that capture, transport, and inject CO₂ emitted from industrial sources into deep underground formations. Currently, CRC has submitted EPA Class VI permits for 120 million metric tons of CO₂ storage and identified up to 1 billion metric tons of potential storage capacity

across California. Timothy Gross, of CRC, will provide an overview of Carbon TerraVault projects and demonstrate how investments in meaningful ESG projects such as carbon management is a scalable business model that lowers carbon emissions while driving value.

Biographical

Tim specializes in subsurface characterization, 3D modelling, and business development of oil and gas assets in California, with a current focus on carbon sequestration and the transition to net-zero emissions. His expertise in regulatory and operations led him to his current role at California Resources Corporation (CRC) as Senior Geologist on the newly formed Carbon Management Team. Prior to joining the Carbon Team, Tim held various development and exploration geology positions at CRC working on assets within the LA, Ventura, Sacramento, and San Joaquin Basins. He also worked for Junior gold explorer Kiska Metals as an

Exploration Geologist where he assisted in the discovery of the Whistler and Island Mountain gold deposits in Alaska. Tim earned a Master of Science in Geology and Geological Engineering from the Colorado School of Mines and a Bachelor of Science in Geology from the University of California Santa Barbara. He currently lives in Los Angeles with his fiancé and enjoys the outdoors and hiking with his Australian Shepard.



When:

Thursday, June 23, 2022

11:30-1:00

Meeting Agenda

- Lunch Served: 11:30 AM to 11:45PM
- Announcements: 11:45 AM to 12:00 PM
- Guest Speaker: 12:00 PM to 12:45 PM
- Questions/Close: 12:45 PM to 1:00 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 (I-405), turn west onto Willow Street, and turn right onto Grand Avenue at the sign for the Center. Park for free in the multi-level garage structure.

Cost:

- Lunch and Speaker: \$30.00 with reservations
\$40.00 without reservations
- Retired: \$25.00
- Student: **\$10.00**

PAYMENTS IN CASH OR CHECK ONLY

Meeting Reservations:

We encourage you to make your reservations using the LABGS web site, at www.labgs.net. Then click the gray “Meetings” tab at the top of the page and use the “Make Reservation” button near the middle of the page. Or, call **Joseph Landeros** at 626-497-1710 or email him at landerosjd@gmail.com

Reservations must be made by: 10:00 AM Tuesday April 21th to receive reservations discount price indicated above. *(This will be strictly adhered to)*

As always, walk-ins are welcome!

OUR WEB SITE ADDRESS:

www.labgs.org

Announcements

LABGS Student Scholarships:

Karla Tucker, student scholarship chair

This year LABGS in partnership with PSAAPG gave scholarships to four undergraduates and two graduate geology students to support them in their summer field classes or research. Four students are from CSULB and two are from SDSU. Their photos follow each summary.

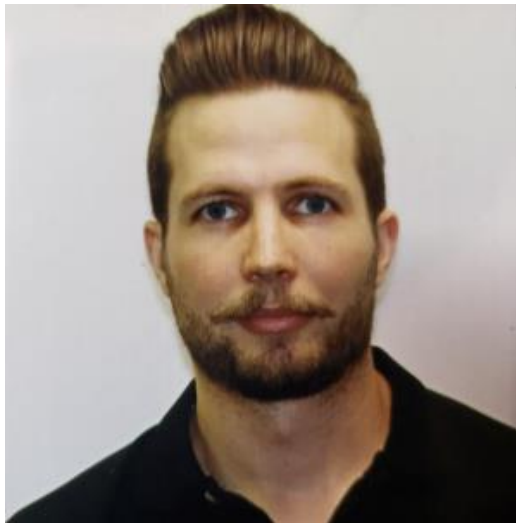
Bedig Charkhugian, CSULB grad student, is studying the biosiliceous Monterey facies (upper Modelo turbidite system) in the Eastern Ventura Basin (Lake Piru area). (Picture on next page)



Scott Smith, SDSU grad student is studying the migration of brackish water into San Diego Bay via paleo channels. Fault control from the Rose Canyon fault system is being investigated.



Vanessa Herrera, SDSU undergraduate had her first field course at the Grand Canyon last September.



Alec Billmeier, CLULB undergraduate interested in field geology. He spent part of the summer of 2021 doing field work in Stewart Valley, Nevada and is looking forward to more field experience.



Annika Gonzales, CSULB undergraduate has become passionate about geology via her historical geology class that included a field trip to Zzyzx. She plans to attend University of Nevada at Reno to work on her Master's in geology.



Desiree Guzman, CSULB undergraduate obtained 40Ar/39Ar dates on two submarine basalt samples from two undated Pacific seamounts. She presented her research at the October 2021 GSA meeting in Portland. She will be attending Stanford's REU this summer.



ELECTIONS: We hope to have an election for a new President at our June meeting. Please send any nominations to Scott Prior (contact listed below). Someone needs to step up to the plate if you want to keep your society going.

President: This officer updates the monthly newsletter using the previous month's newsletter as

a guide. Speaker information is supplied by the program chair (VP). The President forwards the newsletter to the Secretary for distribution to members. The president brings the projector to the live meetings and introduces the speaker. Zoom meetings are currently set up by the Financial Secretary who also makes the bookings for in-person meetings. This is a pretty easy job requiring about an hour of time each month. There are only 8 live meetings per year. The current President has been in this position for three years and would like to step aside for a time. The hand-off would take place at our September meeting.

**LABGS Board
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Do you know if your PSAAPG/LABGS membership is current?

If you don't know, please check via the PSAAPG website:

<http://www.psaapg.info/cloud/miscellaneous/dues.php>

Please inform a LABGS Board member if you have a pertinent announcement.