



Founded in 1882, the objective of the Society is to promote the knowledge and understanding of Earth science, and its application to human needs. Samuel Franklin Emmons, 1841-1911, was “Geologist in Charge” of the Colorado Division of the U.S. Geological Survey when it was established in 1879 and was the first president of the Society.

November 2024 Colorado Scientific Society Newsletter

CSS November Meeting Thursday, November 21, 2024 at 7:00 p.m. Calvary Church, Golden

Poster Night for Early Career and Student Earth Scientists

Thursday, November 21, 2024 at 7:00 p.m.

In-person Meeting at Calvary Church Golden or Join us on Zoom for Lightning Talk off presentations.

See details about attending in-person at the church below.

Link to Join CSS November Meeting via Zoom

CSS is inviting you to our meeting on Thursday, November 21st at 6:45 pm.

Click to Join CSS Zoom Meeting
from PC, Mac, Linux, iOS or Android

Signup for CSS November Meeting, Poster Night for Early Career and Student Earth Scientists

Early career and student earth scientists are invited to present your research via a poster at our November CSS meeting.

Get more mileage from your existing GSA or AGU posters!

During our meeting you can give a Lightning Talk (3 minutes) on your research.

We will have pizza with beer and soft drinks for refreshments.

Please sign up to present below the growing list of posters.

List of Posters and Presenters

As people sign up, the posters and presenters are listed here (see our website for an updated list).

Geologic mapping of the Mosca Creek Window at Great Sand Dunes National Park, southern Colorado: New insights into Laramide contraction, Oligocene contact metamorphism and Rio Grande Rift extension

Samantha Malavarca, Colorado State University/USGS

Geologic Map of the Conterminous United States: Pre-Quaternary Bedrock Geology

Bryant Platt, U.S. Geological Survey

Marine process variability in an enigmatic, shelf-isolated sandstone: the Late Turonian Wall Creek-Turner System, WY

Patrick Sullivan, Colorado School of Mines

Decoupling of extreme precipitation from mean annual precipitation during the Paleocene-Eocene Thermal Maximum in the Uinta Basin, UT

Jake Slawson, Colorado School of Mines

Does Smoothing Of Lava Flows From Surface Degradation Correlate With Emplacement Age?

Isaac Pope, Colorado School of Mines

Signup for Poster Presentation

Signup for Poster Presentation by Early Career Earth Scientists and Students

Name*(Required)*

First or preferred nameLast name

Affiliation*(Required)*

Employer or School

Email*(Required)*

Phone

Title of Poster Presentation*(Required)*

In-person Meeting at Calvary Church Golden

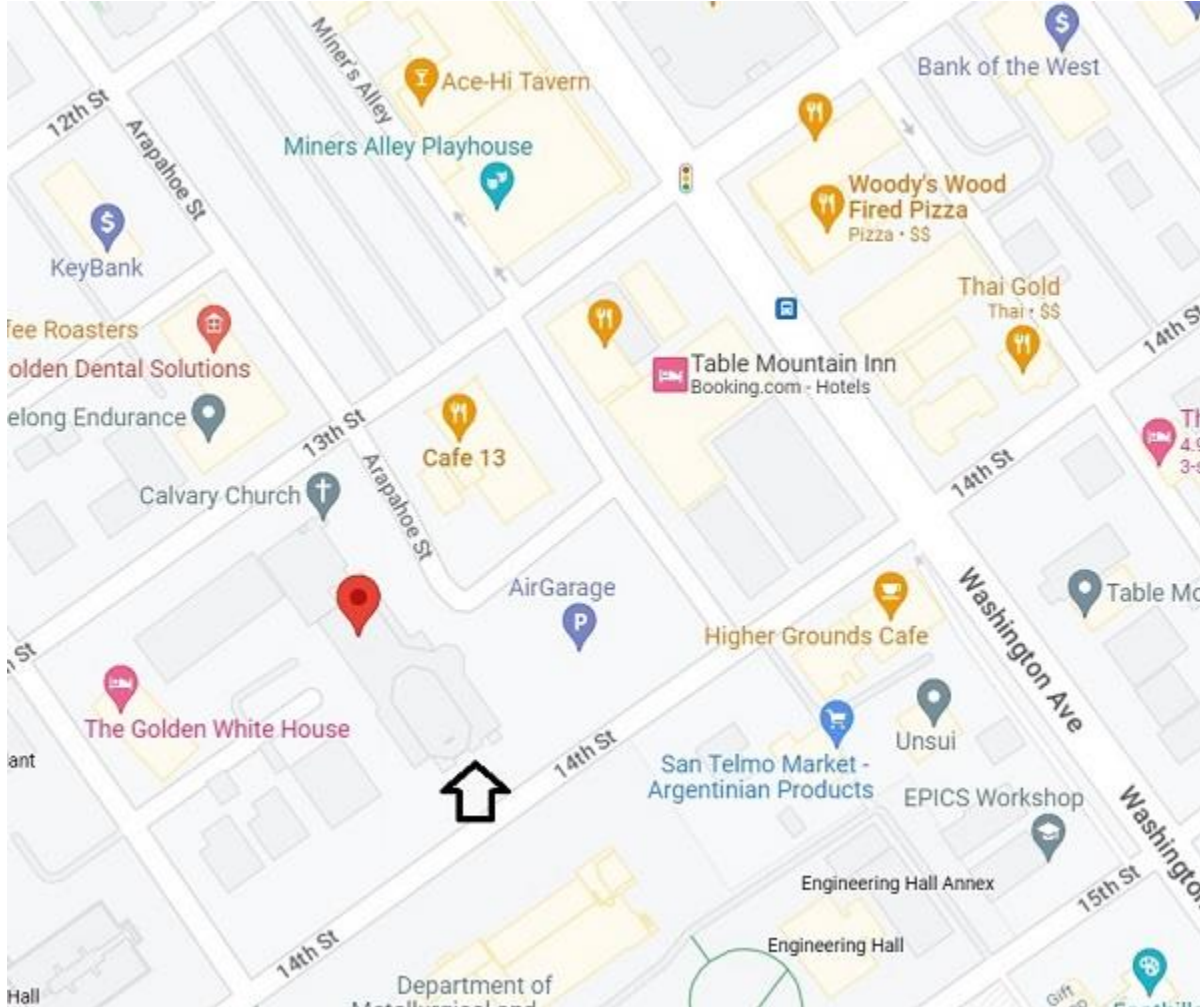
All are welcome – no admission charge

6:30 pm – Social time at in-person meetings

6:45 pm – Join Zoom meetings

7:00 pm – Meeting and Program begin. Please arrive early.

Church doors are locked, and no one will be at the door to let you in after 7:00 pm.



Golden. Enter at arrow on map.

[Calvary Church Golden](#)

Click on link to open a Google map.

Enter from 14th St., go in by the main glass doors at [906] 14th St.

Do **not** enter via the old church above 13th St.

From the 14th Street entrance go down the hallway following Colo Sci Soc signs to Community Rooms 1 and 2, where we meet.

The church doors must stay locked, and we will have a person to let you in at the doors off 14th st.

They want to see the presentation too, so **please arrive before 7:00 pm.**

There will be a phone number that you can text to be let in if you arrive late.

Parking

On street parking is available close by, along 14th St and west of Washington Ave in Golden.

The AirGarage parking structure, which can be entered from Arapahoe St., is \$3.00 for three hours.

Copies of *The Geology of Boulder County* by Raymond Bridge (2004) will be available for \$20.

CSS December Holiday Potluck, Meeting and President's Address:

Quaternary Records of Spring Ecosystems

Tuesday, December 3, 2024 at 5:30 p.m.

Jeff Pigati and Kathleen Springer, U.S. Geological Survey

In-person Potluck Dinner at New Terrain Brewing Company for 50 people or Join us on Zoom

Please pay your CSS dues for 2025!

You may pay dues online or print out a PDF of the membership form and mail it to us with a check. Continuing your membership in CSS will enable us to continue all our ongoing programs, including our field trips, virtual meetings, Student Research Grants, and more.

See [Membership and Donations](#) for the CSS membership PDF and our online membership payment form.

Regular CSS Membership is \$25;

Student Membership, \$5;

Life Membership, \$395.

Send your membership payment, if not done through [our online membership payment form](#), to Colorado Scientific Society P.O. Box 150495 Lakewood, CO 80215-0495.

Thank you!

Caribou Mine Tour – CSS No Moss Gathering, Sat. Oct. 26

Led by **Peyton Jackson**, America Clean Resources, the trip was attended by numerous CSS members and was much enjoyed and appreciated. The group toured the Caribou mine, above Nederland in Boulder County, with an underground tour and an above-ground walk. This is a silver-gold-lead mine, with zinc and uranium also present. Some pictures from the trip follow, courtesy of Cal Ruleman.



