

Coming Earth Science Events, 2025, updated 10/10/2025 for Colo. Sci. Soc.---from Pete Modreski, pmodreski@aol.com or pmodreski@gmail.com

Fri., Oct. 10, PLEASE NOTE, *the Silent Auction scheduled to be held by the Denver Gem and Mineral Guild this date at Wheat Ridge United Methodist Church, 7530 W 38th Ave, Wheat Ridge, has had to be CANCELLED (hope to reschedule for March or April).* The club will instead hold a regular club meeting on Oct. 10, 7 p.m., with a presentation by Mark Jacobson on **Sand calcite crystals and barite roses from South Dakota, Wyoming, Nebraska, Colorado, Oklahoma, and Kansas.** All are welcome.

Thurs, Oct. 16, 6:30 p.m. social time, meeting begins at 7:00 Colorado Scientific Society October meeting, **“Open Snow”**, by Joel Gratz. Open Snow is a weather forecasting and snowfall and snow conditions prediction service. Golden Calvary Church, 1320 Arapahoe St. (enter church through 14 St. entrance. All are welcome. See www.coloscisoc.org for details about the program, meeting location and parking, and other CSS activities, including a Zoom link to this presentation and archived recording of past meetings.

Sat., Oct. 18, 10 a.m. MDT, Friends of the Florissant Fossil Beds Zoom Seminar Series, **Rivers to Ridges: the Topographic Inversion of Landscape**, by Dr. Bud Wobus, Professor Emeritus at Williams College, MA, “where he taught for 55 years before retiring in 2021”. “He will lead a conversation on local geology from Monument into South Park and their reversed topographic expression, as well as the evolution of the Puma Hills.” See the summary and link to click on to register, below at the end of the calendar of events.

Sat., Oct. 25, **“Spooktacular”** is a free fun family event at the Colorado School of Mines Museum, Saturday afternoon, Oct. 25, 2:30-5:00 p.m. Fun-to-see decorations and activities for kids and others, in the Museum and in various organizations’ booths outside.

Fri.-Sat.-Sun., Nov.7-9, New Mexico Mineral Symposium, at Macey Center, New Mexico Tech/New Mexico Mineral Museum, Socorro NM. Reception, lectures, banquet, optional field trip, silent auction, mineral dealers. For registration information see [NM Mineral Symposium https://geoinfo.nmt.edu/museum/nmms/home.cfm](https://geoinfo.nmt.edu/museum/nmms/home.cfm) .

Fri.-Sat.-Sun., Nov. 14-16, Jeffco Mineral Show, a mineral dealers’ show at the Jefferson County Fairgrounds, Exhibits Building, Golden, 10 a.m. – 5 p.m. Fri-Sat, 10-4 Sun. Free admission.

Sat., Nov. 15, the next Free Mines Museum Mineral ID Day will be on Saturday, Nov. 15, 1-4 p.m.

See details on the Museum website: <https://www.mines.edu/museumofearthscience/> . A limit of 3 specimens per person, for free identification by experts on minerals, rocks, and gemstones. See also <https://www.facebook.com/MinesMuseum/> .

Thurs., Nov. 20, 7:00 p.m., social time 6:30, **Colorado Scientific Society meeting**, featuring **Poster papers + 5-minute “lightning” presentations by early career and student earth scientists.** All are welcome! Golden Calvary Church, 1320 Arapahoe St., Golden (enter church through 14th St door). All welcome. See www.coloscisoc.org for more meeting details

Tues., Dec. 2, Colorado Scientific Society December meeting, Annual business meeting, President's Address, and potluck dinner; at New Terrain Brewing Company, 16401 Table Mountain Parkway, Golden. President's address by Shannon Mahan, USGS, "**Whiskeytown boulder sampling to elucidate wildfire history and role in debris flows using luminescence**". All are welcome to attend; potluck & meeting will begin at about 5:30 p.m., see www.coloscisoc.org for details. [*The CSS newsletter editor, and perhaps the whole world, wonders, "Just how much sampling needs to be done, on that good old Whiskeytown boulder??" To find out, come to the meeting, order a beer, and ponder deeply and discuss this and other of earth science's persistent questions!*]

Fri.-Sat.-Sun., Dec. 12-14, Flatirons Gem & Mineral Show, sponsored by the Flatirons Mineral Club, at the Boulder County Fairgrounds, Exhibit Building, 9595 Nelson Rd, Longmont.

Thurs.-Sun., Feb. 12-15, 2026, Tucson Gem and Mineral Show, at the Tucson Convention Center. This is the "main", 71st annual, Tucson mineral show, sponsored by the Tucson Gem and Mineral Society. Numerous other gem and mineral shows take place in the city during this and the preceding weeks.

Fri.-Sat.-Sun., Feb. 27-28 & Mar. 1, 2026, Denver Gem & Mineral Guild Show, Jefferson County Fairgrounds, Golden, 10-6 Fri. & Sat., 10-5 Sun. Free admission.

Fri.-Sat.-Sun., Mar. 27-29, 2026 [please check later to confirm dates] **Fort Collins Gem & Mineral Show**, McKee Building, The Ranch/Larimer County Fairgrounds, 5280 Arena Cir., Loveland.

Sat., May 2, 2026 Silent Auction, sponsored by **Colorado Mineral Society** [*Please check in the coming months to confirm the date and auction start time*], at Wheat Ridge United Methodist Church, 7530 W 38th Ave, Wheat Ridge.

Fri.-Sat.-Sun., June 5-7, 2026, Pikes Peak Gem, Mineral, & Jewelry Show, sponsored by the Colorado Springs Mineralogical Society; 61st annual show. Norris Penrose Event Center, 1045 Lower Gold Camp Road, Colorado Springs.

Thurs.-Mon., June 11-15, 2026, Mineral Symposium, "Colorado 150, Celebrating 150 Years of Colorado Statehood", sponsored by Friends of Mineralogy, Colorado Chapter; includes optional field trips. For full info & registration see [Symposium | Friends of Mineralogy Colorado Chapter](https://friendsofmineralogycolorado.org/symposium/) <https://friendsofmineralogycolorado.org/symposium/>.

More gem and mineral shows and other events/activities during the summer will be listed in a future newsletter.

An addition, something that you may be interested in. Dr. Joseph Kerski is a friend and former colleague at the USGS who now works for ESRI where his specialty is education applications of GIS (Geographic Information Systems). Joseph has a Ph.D. in Geography from CU. He is presenting the online course about maps and geography, described below. Joseph has traveled

around the world giving presentations and short courses about GIS, and I know that he is a very dynamic and interesting presenter; he really “knows his stuff” about maps!

Exploring Colorado Through Maps

<https://ollidenver.du.edu/duolli/course/course.aspx?C=786&pc=6&mc=195&sc=0>

I am teaching the above course in a sequence of 4 online class sessions, 1-3pm on successive Mondays from 27 Oct through 17 Nov 2025. Join me or tell a colleague!

Content: Through a lively exploration of interactive digital maps, past and present, let’s explore Colorado! What are the longest and widest rivers in the state? The strangest boundary of the state? The weirdest place names? What was the street layout of Denver and Colorado Springs 100 years ago? We will explore Colorado’s history, landforms, water, habitat, population change, energy, land use, biomes, natural hazards, and much more through this engaging and relevant course. Whether you are from Colorado or not, this course may challenge a few preconceived notions you have about the Centennial State, confirm some others, and make you glad that you live in Colorado (or make you want to visit!).

This would be a great course for you to introduce colleagues or students to the whole idea of “why maps matter” and “what geography can tell us” and “the geographical approach” and “what GIS can do”.

There is a small fee but it helps support the lifelong learning program at the University of Denver.

Thanks all and hope to see you there!

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From Oct. 18, above:

Rivers to Ridges...the Topographic Inversion of Landscape, by Dr. Bud Wobus

Zoom lecture presentation by Friends of Florissant Fossil Beds

Oct 18, 2025 10:00 AM in Mountain Time (US and Canada)

<https://fossilbeds.us19.list-manage.com/track/click?u=ad464ee6b535dbfd9737334d4&id=673a6e2339&e=9a21f093a0>

Description

Landscapes are developed through a variety of geologic processes, notably by tectonic movements and differential erosion, the latter strongly influenced by climate. Hard, resistant rock remains as topographic highs after the erosion of softer material. Sometimes, as in the Monument area and west into South Park, former stream valleys filled with the very resistant Wall Mountain Tuff volcanic rock have reversed their topographic expression, becoming ridges and buttes as the softer valley walls have been eroded (like casts formed from molds). This process was interrupted regionally by tectonic doming which deflected stream courses and may have triggered debris flows that carried boulders up to 20 feet in diameter for several miles during the rise of the Puma Hills.