

Dear Colorado Scientific Society members,

...and friends, and past members who may not be current dues-paying members--and if so, now would be a great time for you to pay dues while you are thinking of it and join or rejoin fCSS or the coming 2022 year! Regular dues are \$20 if paid before Jan. 31, and \$25 thereafter. Dues aren't officially "due" until November, but, consider just doing it now! The CSS website is <https://coloscisoc.org/> (click on membership/donations).

In addition to our own CSS events, let me share this calendar of events, further below, of upcoming geology, mineral, fossil, and nature events coming up over the next few months. For those interested in "rock shows", there are a lot of these, beginning with the "Contin-Tail" outdoor rock show/swap, taking place through this weekend in Buena Vista, and then a geology/history of North Table Mountain hike Saturday morning next week (Aug. 21) hosted by Jeffco Open Space. and all the shows related to the Denver Gem and Mineral Show in September.

I'll be sending you a complete newsletter with full information about our own CSS coming events (see much of it now on our website, again, <https://coloscisoc.org/>, but for the moment, here is a short list of our coming meetings and our Fall field trip:

#### ***COLO. SCI. SOC. EVENTS, FALL 2021***

**Thurs., Sept. 16, CSS Past Presidents' Dinner and first "in person" meeting of the year**, at the Mount Vernon Canyon Club. Tentative speaker (I'll go out on a limb and announce this now, pending final confirmation), Dr. Lesli J. Wood, Weimer Distinguished Chair and Professor, CSM Department of Geology and Geological Engineering, with a presentation that may encompass shoreline/deltaic geomorphology, sedimentology, and tectonics on Earth and on Mars, perhaps with some promised musical accompaniment!

**Sat., Sept. 25, and Sat., Oct. 2** (two choices of dates), **Toe Thrusts and Turtle Toes--Trackways and Tectonics of the Boulder-Weld Allochthon**, a day trip to Boulder Open Space and Mountain Parks, the Cherryvale and White Rocks properties, led by Sue Hirschfeld, Beth Simmons, Bruce Trudgill, Bob Reynolds, and Ned Sterne; trip size will be limited to 15 people on each date; see our website for signup info. You must be a paid-up CSS members to attend the field trip!

**Thurs., Oct. 21, CSS Emmons Lecture**, Berthoud Hall, speaker TBA

**Thurs., Nov. 18, CSS November meeting**, Berthoud Hall, speaker TBA

**Thurs., Dec. 16, CSS Annual Meeting and President's Address**, Berthoud Hall

Enjoy the remaining month(s) of summer!

Pete Modreski, CSS Newsletter Editor



# Colorado Scientific Society



## Annual Past-Presidents' Dinner & Program for Our 139<sup>th</sup> Anniversary

### A Voyage Through Time: Ancient Landscapes and Seascapes of the Earth and Beyond

**Professor Lesli J. Wood**

Robert J. Weimer Distinguished Professor  
of Sedimentary and Petroleum Geology  
Colorado School of Mines

*Plus Live music*  
with Lesli Wood and Dallas Spear

[www.coloscisoc.org](http://www.coloscisoc.org)

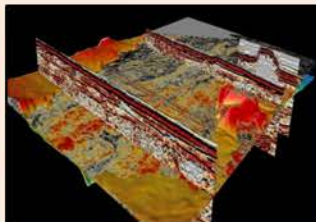
**Landscapes have always fascinated scientists, dreamers, and artists.**

Recent innovations in technologies from study of Earth and other planets have provided a truly eye-opening revolution in the way we see the historic Earth and the processes that have shaped it; and increased our understanding of the earth's process history and the formation of our sister planets

This talk will include in amazing detail the nature of ancient landscapes and seascapes:

- ◆ Fly over the ocean floor of the southeastern Caribbean around mud volcanos that stand 250 m high and through catastrophic-formed canyons nearly 1000 feet deep.
- ◆ An ancient hike in the mountains of the Jurassic in what is today the northwest shelf of Australia and talk about the rivers that flowed there bringing sediment into the rift basins.
- ◆ Permian ancient shorelines and submerged lands of West Texas.
- ◆ Submerged lands of the Britain and northern Europe where people migrated between the land masses.
- ◆ The importance of engineering for the future of life on this planet and beyond, through conditions that are revealed in our study of these ancient landscapes and seascapes

*Outdoor seating will be available weather permitting and we encourage all participants to follow current JCPH guidelines at the time of the event.*



**Mt. Vernon Canyon Club**

24933 Clubhouse Circle  
Golden, CO 80401  
On Lookout Mountain

**Thursday Sept. 16, 2021**

**Social Time 5:30**  
**Dinner 6:00 pm**  
**Program 7:00 pm**