



## Rocky Mountains Cooperative Ecosystem Studies Unit

### NEWSLETTER Winter 2023

#### NEWS & EVENTS

**CU-Boulder Research at Niwot Ridge LTER in the News and in Press:** Research at the Long Term Ecological Research (LTER) site in the Rockies above Boulder, Colorado was featured in two publications. Green Lakes Valley stream chemistry, part of the Niwot Ridge LTER, was discussed in an LTER December 2022 newsletter article titled, [Alpine stream chemistries are changing, but rock glaciers might not have as much influence as previously thought](#) by University of Colorado Postdoc, Angela Theodosopoulo.

This LTER site was included among nine sites nationally in a synthesis article in *Bioscience*, on the topic of Climate Change and long-term ecological research. One of the multiple authors of this article is Katherine Suding, University of Colorado Boulder. The citation for this article is Campbell et al., 2022, [Forest and Freshwater Ecosystem Responses to Climate Change and Variability at US LTER Sites](#), *BioScience* 72: 851–870



Niwot Ridge LTER. Photo credit: University of Colorado Boulder

**University of Montana, Montana State University and University of Colorado Denver Continue Their Five-Needle White Pine Webinar Series:** This monthly seminar series, organized under the auspices of the Whitebark Pine Ecosystem Foundation, continues through May 16, 2023, with researchers and managers describing science and management topics related to high-elevation five-needle pines. Among the speakers are researchers from University of Montana, Montana State University, University of Colorado Denver, the US Forest Service, and the Salish Kootenai tribes. The “High-Elevation, Five-Needle White Pines: Science and Management Webinar Series” occurs the third Tuesday of each month from 12–1 p.m. Mountain Time during the academic year. All webinars are held by Zoom and are free and open to the public. You can [register](#) for the entire monthly series, and the Zoom link will be the same each month. [Webinar recordings are archived](#).

**Ellen Wohl, Colorado State University researcher and prolific science book writer, has a new paperback published in 2022 with Oregon State University Press.** *Dead Wood*, Dr. Wohl takes us through the afterlife of trees, describing the importance of standing and downed dead wood in forests, in rivers, along beaches, in the open ocean, and even at the deepest parts of the seafloor. Downed wood in the forest provides habitat for diverse plants and animals, and the progressive decay of the wood releases nutrients into the soil. [Ordering information](#).

**NPS Publishes On-Line Winter 2022 Edition of *Park Science*:** This science and resource management magazine can be accessed [online here](#). CESU research and cooperators include:

- (1) ***Bison Roamed the Mountains Too***, by Brent Rowley, Glacier National Park. Archeologists found evidence of bison in Glacier National Park’s high alpine environment. It changed how we understand these animals and the people who interacted with them. This article includes information provided in the MA thesis by Kyle Langley, University of Montana, Anthropology, 2021, [Buffalo in the Mountains: Mapping Evidence of Historical Bison Presence and Bison Hunting in Glacier National Park](#)
- (2) ***When the River Breaks, Yellowstone National Park***, by Ally Marrs, Utah State University, Teodora Rautu, Montana State University, David Thoma, NPS I&M, Ann Rodman, Yellowstone NP, Mike Tercek, Walking Shadow Ecology, and Andrew Ray, NPS I&M. This article describes the devastating 2022 Yellowstone floods based on an analysis of historical river flows. For many of the northern rivers and streams the park and USGS have archived more than 100 years of flow data.

**Colorado State University's Salazar Center for North American Conservation Presents Webinar Series on Urban Conservation Stories:** This final webinar in this series, to be held on January 18, 2023, concerns the topic of "Connecting Cities to Landscapes" and includes presenters from the U.S., Mexico, and Canada. The series is free and includes Spanish translation. [Learn more and register.](#)



**Scientist in Parks - Current Positions for Summer 2023:** The Scientists in Parks program is currently seeking student applicants to work on numerous projects in America's national parks. [Search all opportunities here](#) by location, position title, or discipline. The application deadline for Summer 2023 positions is January 22, 2023. Partners in this program include the [Ecological Society of America](#) and [Geological Society of America](#).

**Small Grants Research Proposals for work in the Greater Yellowstone Ecosystem Due by January 31, 2023:** Yellowstone NP and Grand Teton NP are soliciting research proposals through the small grants program of the [NPS-University of Wyoming Partnership](#); applications for grants up to \$5000 may be submitted to this [UW Grant Portal](#). There are also two funded internships for students to work in Grand Teton NP this summer

## **JOB OPPORTUNITIES**

**Assistant Professor of Wildland Fire**, Utah State University, Logan, UT (review begins 3.10.2023)

**Ted Scripps Fellow in Environmental Journalism**, University of Colorado, Boulder CO (closes 3.1.2023)

**Assistant Professor specializing in Natural Resource Biometry and Measurement**, Colorado State University, Fort Collins, CO (review 2.17.2023)

**Summer Field Technician (4 positions) in Western Old Growth Forest**, Utah State University, Logan, UT (closes 2.10.2023)

**Range Lecturer, Ecosystem Science & Management**, University of Wyoming, Laramie, WY (review begins 1.31.2023)

**Assistant Professor of Paleontology**, Montana State University, Bozeman, MT (review begins 1.30.2023)

**Assistant Professor in Remote Sensing and Data Science**, Colorado State University, Fort Collins, CO (review begins 1.21.2023)

**Visiting Assistant Professor – Archaeology**, Boise State University, Boise, ID (review begins 1.21.2023)

**Assistant Professor, Native American Studies**, University of Montana, Missoula, MT (review begins 1.15.2023)

**Asst/Assoc Professor – Wildlife Pathologist – Veterinary Science**, University of Wyoming, Laramie, WY (review begins 1.14 .2023)

**Project Coordinator** (multidisciplinary collaboration to address the lack of Indigenous representation in social studies curricula), Utah State University, Logan, UT (review begins 1.13.2023)

For details on these job opportunities, visit the [Jobs Page](#)

If you would like to post an announcement in the next RM-CESU Newsletter or on the website, please contact the RM-CESU Coordinator at [rmcesu@cfc.umt.edu](mailto:rmcesu@cfc.umt.edu).