



April 1, 2024

Hello GDPE Community,

Can you believe it's already April?? The semester is flying by, and it feels like summer is right around the corner. So, hang in there! :)

Tomorrow, science historian Naomi Oreskes (author of *Merchants of Doubt*, among other books!) is giving a keynote talk in the LSC, on "How market fundamentalism has blocked climate action" as part of the [Interdisciplinary Science Communication Workshop](#) series. She is a leading voice on the role of disinformation in perpetuating climate change, so it should be a fantastic discussion (more details below).

Also, don't forget to [submit your nominations](#) for the next round of DE Speakers, or [apply to join the GDPE Social Committee](#)-- both are due this Friday (4/5).

I hope you're able to get outside and enjoy the nice weather this week!

Your Sci Comm Fellow,  
Lizzy Rylance



*Local band Swamp Candle (with GDPE's Mikko Jimenez) playing at the FRSES Celebration on Thursday*

**A Note About the Digest:** Since this digest comes from a non-CSU email address, you may need to click "trust content from this external sender" in Outlook to see images, or you could be missing important information each week!



GDPE Event Calendar

## DEADLINES

### GDPE Deadlines

**April 5** - 2024-2025 Distinguished Ecologist Nominations [due](#)

**April 5** - GDPE Social Committee application/Google form [due](#)

Find all of the deadline details on the CSU Graduate School's website [here](#).  
Find all of the registration details on the CSU Registrar's website [here](#).

## GDPE EVENTS & ANNOUNCEMENTS

### Call for Distinguished Ecologist nominations

The GDPE Executive Committee invites nominations for our Distinguished Ecologist series for 2024-2025. Please [submit nominations](#) by **Friday, April 5** to be evaluated by the GDPE Executive Committee at their next meeting. This is an amazing opportunity to bring extraordinary ecologists to campus! We define "distinguished" broadly (exemplary, outstanding, highly respected) and seek a diverse group of speakers with clear potential to engage GDPE students and faculty. This call is for five speakers, two in fall and three in spring:

FALL: Two speakers total

- GDPE Resident Ecologist
- GDPE Alum

SPRING: Three speakers total

- Rising Star Ecologist(s) are at an early career stage
- Distinguished Ecologist(s) are established scientists

### Social Committee positions are now open!

There are three spots available on the GDPE Social Committee! Being a part of the social committee is not only fun, but provides benefits to your GDPE community, and can be advantageous for GDPE grant applications. Responsibilities include:

- Working as a team to organize bi-weekly events – including annual events, such as the Fall Camping Trip.
- Communicating with other committees to ensure there is no overlap with GDPE events (i.e don't schedule an event on the same day as something else!).
- Attending GDPE town halls to interface with the greater GDPE community.

To apply, complete [this Google form](#) by **Friday (4/5)**.

### Join the GDPE Social Committee!

Help foster community for your GDPE peers through social events.



**Requirements**

- GDPE student
- Capacity to commit 1-2 hours/week
- Ability to attend biweekly social events

**How to apply**  
Complete the attached google form by **Friday (4/5)**



**GRADUATE DEGREE PROGRAM IN ECOLOGY**  
COLORADO STATE UNIVERSITY

Questions? Contact  
nicki.bailey@colostate.edu



**AIDA CUNI-SANCHEZ**

Norwegian University of Life Sciences  
Associate Professor  
International Environment & Development Studies

*"Taking the pulse of tropical forests"*

17 April 2024 4:00pm LSC University Ballroom

Tea and Cookies at 3:30pm  
Reception at 5:00pm

### Distinguished Ecologist Seminar

Our Rising Star Distinguished Ecologist, Dr. Aida Cuni-Sanchez, will be giving her seminar "Taking the pulse of tropical forests" on Wednesday, **April 17th at 4:00pm** in the LSC University Ballroom.

Once again, refreshments will be served from 3:30-4:00pm and there will be a reception directly following the seminar at 5:00pm. We hope to see you all there!

### GDPE mentee awarded Zeller Scholarship

Kellie Brady, an undergraduate student in the Knapp Lab mentored by GDPE student Matt Sturchio, was recently awarded the Zeller Summer Scholarship in Medicinal Botany to study how agrivoltaic solar arrays alter phenolic abundance in peppermint and lemon balm. Congratulations!



## STUDENT DEFENSES

### Ph.D. Defense Seminar Matt Sturchio

*Ecovoltatics and Grassland Responses to Solar Energy Co-Location*

April 4, 2024  
9:00 a.m.  
Yates 208



## NON-ECOLOGY CSU EVENTS



### Naomi Oreskes, “How Market Fundamentalism Has Blocked Climate Action”

April 2, 4:00 - 5:30 p.m., LSC Theater  
Naomi Oreskes is Henry Charles Lea Professor of the History of Science at Harvard University. Her essays and opinion pieces have appeared in the New York Times, the Washington Post, the Guardian, and other outlets. She is author, co-author, or editor of nine books on science in society, including the best-selling, *Merchants of Doubt: How a Handful of Scientists Obscured the*

*Truth on Issues from Tobacco Smoke to Global Warming* (Bloomsbury, 2010), *Why Trust Science?* (2019) and *Science on a Mission: How Military Funding Shaped What We Do and Don't Know about the Ocean* (University of Chicago Press, 2021). The *Big Myth*, co-authored with Erik M. Conway, was released in 2023.

### Interdisciplinary Science Communication Talks

This two-day workshop aims to improve science communication along a variety of dimensions by putting working scientists, historians of science, and philosophers of science in direct and continual interdisciplinary collaborations concerning the methods of science, the philosophical assumptions embedded in scientific practice, and how to communicate



those methods and assumptions to the public in ways that improve trust in science. See the full schedule [here](#).



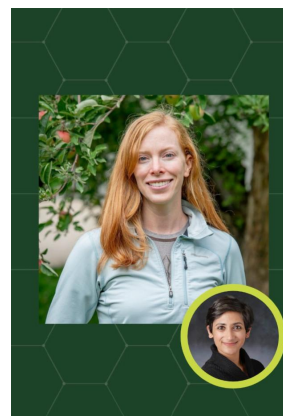
### **Climate Grief and Active Hope Workshop**

On April 2nd, the Center for Environmental Justice at CSU, along with artists from the DreamCreateInspire Tour, will host the Climate Grief to Active Hope Workshop for faculty, staff, and graduate students involved in climate-related research at CSU. The workshop will address climate and eco-grief at multiple scales. **EVENT INFO: Tuesday, April 2nd, 2-4 PM MDT**, in Room 345, Warner College of Natural Resources. [Register here](#).

### **Department of Biology Integrations Seminar**

GDPE student Josie Otto is hosting Lisa Corwin (CU Boulder) for a Biology Education seminar on failure in research.

Lisa Corwin is the Principle Investigator for the *Research on Ecology and Evolution Education for Action and Change (RE3ACH)* lab. Her lab engages in biology education research and focuses on how biology students develop into resilient, creative, and competent scientific researchers in ecology and evolutionary biology and STEM more broadly.



A flyer for a biology seminar. It features the Colorado State University logo and the text "BIOLOGY COLORADO STATE UNIVERSITY". The main title is "FAILING (IN ORDER) TO SUCCEED: Exploring How Challenge and Failure in Course-based Undergraduate Research Experiences (CUREs) Can Become a Learning Opportunity". The date and time are "Wednesday, April 3rd 4:00 PM - 5:00 PM Biology 136". The speaker is "Dr. Lisa Corwin &amp; Sandhya Krishnan, Assistant Professor, University of Colorado". The host is "Josie Otto". There is a QR code and a note: "Scan the QR code for more information on our seminars".

Lisa and her postdoc, Sandhya Krishnan, will be presenting "*Failing (in order) to Succeed: Exploring how Challenges and Failure in Course-Based Undergraduate Research Experiences (CURES) can become a Learning Opportunity*" on **Wednesday, April 3rd, from 4-5pm in Biology 136**.

### **Being in the Field Workshop Series (Sponsored by SoGES)**

Being in the field is an integral part of sustainability and environmental sciences, yet are such experiences inclusive? If so, which elements are critical to inspiring persistence for underrepresented groups? This learning experience seeks faculty, researchers, undergraduate students, and graduate students involved in or interested in fieldwork.

In this workshop, we will focus on how to respond to biases and microaggressions in the field. For those now submitting Safe and Inclusive Fieldwork Plans for NSF, this workshop will present some ideas on how to address the SAIF requirements. [Register](#) early to be counted for lunch!

A flyer for the "Being in the Field" workshop series. The title "BEING IN THE FIELD" is in large white letters on a dark green background. Below the title, it says "Undergraduate students, graduate students, faculty, researchers, lab groups, and all individuals involved in or interested in fieldwork are encouraged to attend the second part of our workshop series focusing on diversity and inclusion in field work! This workshop will focus on initiating and navigating dialogue and responses to biases and microaggressions in the field." There is a QR code and a "REGISTER HERE" button. At the bottom, it says "LUNCH PROVIDED!", "APRIL 12 11:30AM-1:30PM LOCATION TBD", and "Attendance at the Fall 2023 Workshop not required to attend!".

Date & Time: **Friday, April 12th** from 11:30 am to 1:30 pm  
Location: On campus (location TBD)

### **Call for Abstracts on Wildfires – ACS Fall**

### **2024 Meeting**

Consider submitting an abstract to this symposium, entitled "Chemical Footprint of Wildfires: Impacts on Soil, Water, and Air Quality" at the Fall 2024 National Meeting of the American Chemical Society (ACS). The conference will be held in Denver, Colorado from August 18-22, 2024. **Abstracts are due on April 1st.** [Click here](#) to submit an abstract.

## ACS FALL 2024 Elevating Chemistry

Connect with peers. Get the latest insights in chemistry.

Denver, CO & Hybrid  
August 18-22

Submit your abstract (Deadline April 1, 2024)



GDPE student Matt Sturchio's dissertation chapter, "[Grassland productivity responds unexpectedly to dynamic light and soil water environments induced by photovoltaic arrays](#)" was named a highly cited paper for the journal Ecosphere. Nice job, Matt!

Share your Recent Publication or Research Highlight

## JOBS, GRANTS, & INTERNSHIPS

### **Seeking post-doc for tropical forest modeling**

The [Xu Lab at Cornell University](#) is seeking a motivated post-doc for predicting tropical forest dynamics. Two years' funding (with potential of further renewal) will be provided and there are no hard constraints on research topics (flexible based on applicants' research experience and interests). Candidate research topics include but not limited to (1) sensitivity of tropical forest growth/mortality to long-term climate change; (2) tropical forest ecohydrological dynamics under changing hydroclimates; and (3) novel schemes to consider functional diversity in vegetation models. Experiences with process-based/theoretical modeling and/or spatial analysis of remote sensing data are preferred. [Apply here](#).

### **Two summer job opportunities: Teaching Assistant for Ecosystem Field Studies**

Our 21-day condensed field study courses in Colorado & the Caribbean are rewarding & rigorous hands-on learning opportunities. [Learn more here](#). To apply, email cover letter & resume/CV to Steve Johnson, Course Director at [steve@ecofs.org](mailto:steve@ecofs.org)

1. Caribbean Ecosystem Field Studies: Course dates are May 22 - June 11, 2024. (TA must arrive in Cancun, Mexico on May 20.)
2. Colorado Ecosystem Field Studies: Course dates are July 19 - August 8, 2024. (TA must arrive in Boulder CO on July 18.)

### **Postdoc Position in restoration ecology in Flagstaff, AZ**

A post-doctoral position will be available soon at the U.S. Geological Survey (USGS) Southwest Biological Science Center located in Flagstaff, AZ. This position will focus on research to understand the management actions and environmental conditions that promote successful dryland restoration outcomes in highly disturbed areas in the western United States. The successful candidate will have in-depth experience in restoration ecology and advanced skills in geospatial analysis of ecological processes across heterogeneous landscapes. The ideal candidate will have a Ph.D. in restoration ecology, plant ecology, dryland ecology, global change science, soil science, or earth science as well as a strong work ethic, demonstrated quantitative capabilities, a record of publication and leadership, and a proven ability to work independently. Interested individuals should contact and send a CV to Seth Munson ([smunson@usgs.gov](mailto:smunson@usgs.gov)). The official position will be advertised on [USAJobs.gov](https://www.usajobs.gov) at a GS-11/12 level soon.

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### **Postdoc Position - Princeton Department of Ecology and Evolutionary Biology**

The [Department of Ecology and Evolutionary Biology \(EEB\) at Princeton](#) is seeking Postdoctoral Research Fellows in any area of ecology, evolution, and behavior. The EEB Postdoctoral Fellows work on their chosen projects independently, with collaboration and support from any member(s) of our faculty. Please see details of the posting [here](#), and reach out to me or my EEB faculty colleagues with any questions. Review of applications will begin after 5 April.

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### **Water Use and Natural Capital Accounts Research Positions**

Northern Arizona University in partnership with the U.S. Geological Survey is searching for team members to support a new effort to produce an accounting of the role of water use in the United States within the nation's Natural Capital Accounts. This scientific effort will utilize tools and methods including distributed national scale hydrologic modeling, national water use data, and the System of Environmental Economic Accounting. Positions will be advertised soon for a Postdocs, Research Assistant Professor, Research Analyst (BS/MS), and/or Ph.D. Graduate Research Assistants. Please direct inquires to Dr. Ben Ruddell at [benjamin.ruddell@nau.edu](mailto:benjamin.ruddell@nau.edu). See [here](#) and [here](#) for more information.

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### **Applications Open for the Rocky Mountain National Park Scholar-In-Residence Program**

The Scholar-in-Residence Program allows a selected scholarly and scientific expert to live and conduct research in Estes Park, Colorado near RMNP. Financial support gives scholars the opportunity to be creative, productive, and successful in conducting research or observations that are uniquely connected to the park. The selected Scholar also works closely with RMC's Field Institute and the Continental Divide Research Learning Center to connect their research to the community and educational programming of RMNP. The application deadline is April 15. Click [here](#) for details.

[Submit a Job Announcement](#)

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**GDPE Social Listserv** - Please make sure to sign up [here](#) for the GDPE Social Listserv to keep up with all the fun events we have planned this year!

**GDPE Student Teams Channel** - Join our Teams Channel [here](#) for all GDPE-related questions, ideas, and discussions with fellow students.

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[Submit Photos](#)

We want your photos! What are you up to, how is your field and lab work? Share them with us here.



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