



April 15, 2024

Dear GDPE Community,

April 15th, is Tax Day! Have you all done your taxes? ☺ I heard that some retailers and restaurants have tax day deal? I hope that you can take advantage of it and start the week right!

We are excited to announce that our Rising Star Distinguished Ecologist, Dr. Aida Cuni-Sanchez, will be presenting her seminar titled "Taking the Pulse of Tropical Forests" **this Wednesday, April 17th at 4:00pm in the LSC University Ballroom**. Dr. Cuni-Sanchez, an Associate Professor at the Norwegian University of Life Sciences, specializes in researching tropical forest carbon dynamics, social-ecological systems, and sustainable forest development under climate change in Africa. This is an excellent opportunity to gain insights into her valuable research. Remember that you can sign up to meet with Aida [here](#).

Additionally, we would like to remind everyone that April 26th is the deadline for Fall 2024 GDPE Assistantship Applications. If you are interested in applying, please ensure that your applications are submitted on time.

Have a happy Monday!

Mitskie Kumagai

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 26 - Fall 2024 GDPE Assistantship Applications [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



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.

Dr. Cuni-Sanchez is an Associate Professor at the Norwegian University of Life Sciences where she researches tropical forest carbon dynamics, social-ecological systems, and sustainable forest development under climate change in Africa. **You can sign up to meet with Aida during her visit [here!](#)**

GDPE Mentorship Meetup

Calling all mentors and mentees! We will have our final mentorship meetup this **Wednesday, April 17th from 3:30-4pm** (prior to the DE Seminar). Join us in the LSC University Ballroom Lounge to chat about wrapping up the semester and getting involved in mentorship for the next academic year!

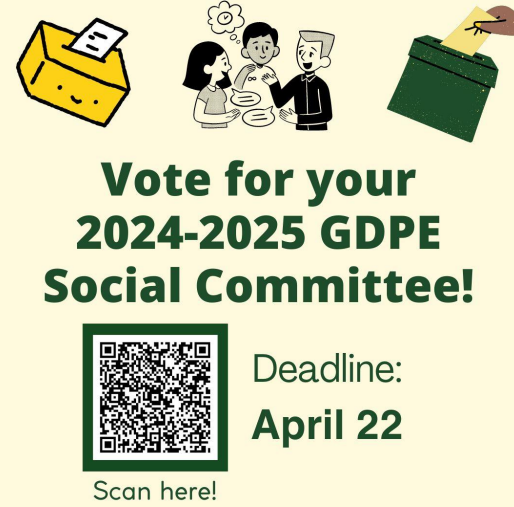


GDPE Mentorship Meetup

April 17, 2024

3:30 - 4:00 pm

LSC University Ballroom



Vote for your 2024-2025 GDPE Social Committee!

Deadline: **April 22**

Scan here!

GDPE Social Committee Election 2024-2025

The GDPE Social Committee is holding elections for the 2024-2025 school year! Follow [this link](#) vote for up to three options for your social committee chairs next year. Please select no more than three names. **The deadline to vote is Friday, April 22.**

GDPE Science Communication Workshop

Join GDPE for this science communication workshop led by two of our very own graduate students, Maricela Alaniz and Shanelle Wikramanayake! In this workshop, you will learn how to improve your data visualization skills

using vector graphics software including Inkscape (free & open source) and Adobe Illustrator (paid subscription). We'll be covering how to clean up your plots quickly, make great conceptual figures, and improve graphics made in R. Additionally, you will learn about Scalable Vector Graphics (.svg) files, how to make your own clipart, and the basics of copyrighted vs. public domain images. **April 29 from 11am - 12pm in LSC 322.**



CSU EVENTS

Free lunch opportunity for students interested in exploring NSF Innovation-Corps training Wednesday, **April 17**

12 PM – 1 PM: NSF I-Corps Lunch and Learn about Innovation: Join us to learn about an experiential training program funded by the National Science Foundation (NSF) aimed at helping CSU faculty and students start companies. Learn how CSU affiliates can access up to \$50,000 from NSF to commercialize their technology. Lunch will be provided, so please secure your spot [here](#). Location: CSU Lory Student Center Room 328-30.

1 PM - 2 PM: NSF I-Corps Panel: Join our engaging panel discussion on the role of NSF I-Corps in evaluating scientific research and inventions. Gain insights from CSU NSF I-Corps participants, seasoned entrepreneurs, and the NSF I-Corps Sr. Program Manager at CSU. Location: CSU Lory Student Center Grand Ballroom.

Share your Recent Publication or Research Highlight

FALL 2024 COURSES

BZ 560: Teaching and Communicating Science

Do you want to...

Communicate
science in
engaging ways

Teach science
using inclusive
pedagogy

Support inquiry-
based science
learning in
different contexts

Create a science
teaching portfolio
(for TILT Graduate
Teaching Certificate)



Credits: 3

When: Fall 2024, T/R 9:30-10:45

Where: NESB 302B

Instructor: Meena Balgopal (Biology)

For whom: Graduate or upper-division Undergraduate science
majors Meena.Balgopal@colostate.edu



BZ 560: Teaching and Communicating Science

Tuesday/Thursday from 9:30 - 10:45 am

Instructor: Meena Balgopal

Nature of science, scientific reasoning, scientific argumentation, communication theories, and instructional strategies are explored. Develop science argumentation and communication skills in undergraduate courses and in informal settings. Create materials for a professional portfolio.

JOBS, GRANTS, & INTERSHIPS

ORISE Fellowship in Spatial Analyses for StreamCat Watershed and National Nutrient Data

We are recruiting for a post-bachelor's or post-master's ORISE internship opportunity with the EPA lab in Corvallis, Oregon. This is a 1-2 year term position, with potential for extensions based on available funding. The internship will work on projects to improve the quality and accessibility of several large, near-continental scale geospatial datasets, such as EPA's StreamCat and LakeCat datasets and the National Nutrient Inventory. See the job listing [here](#).

Postdoc position at Cal Poly Urban Forest Ecosystems Institute

The [Urban Forest Ecosystems Institute](#) at Cal Poly is seeking a post-doctoral researcher to assist on a project that aims to (1) identify California's most vulnerable urban forests and determine which climate-adapted tree species are best suited for California's most disadvantaged communities, (2) leverage an existing and widely-used web based tree selection guide, SelecTree, to provide this information to communities, (3) develop and provide resources and training to stakeholders about climate-adapted species selection and care, and (4) to leverage existing relationships with large-scale nurseries to ensure supply of climate-adapted trees as well as connect grantees to these nurseries so they can effectively source appropriate species. This position will be primarily responsible for conducting climate niche modeling for tree species. For more information, reach out to info@urbanforestinstitute.org

Postdoctoral Research Fellow in Global Change Biology at the University of Michigan

The University of Michigan Institute for Global Change Biology (UM-IGCB) in collaboration with the Utah State University (USU) is seeking a Postdoctoral Research Fellow to lead an exciting project assessing the causes and consequences of lagging ecological community responses to climate change. The successful candidate will be co-advised by Drs. Kai Zhu and Peter Reich (UM-IGCB) and interact closely with Dr. Peter Adler (USU). The candidate will analyze and synthesize global change experiments and observations, with a focus on the plant communities and ecosystem

acclimation to climate change. [Click here](#) for more details and to apply.

GS-12 Perm Computer Scientist (Software Engineer)

This position will provide support for ongoing projects in the Ecoinformatics & Wildlife Technology Branch (ECOTECH). The major duties of the position are listed below: Designs complex software systems: interfaces and client facing websites and tools in open-source web environment. Designs and develops automated information processing algorithms using advanced computer science methods, techniques, and technologies to resolve complex information transformation challenges. Develops, reviews, and maintains software systems while working as part of an agile scientific software development team using a variety of frameworks and languages including Angular, React, Python, Django, JavaScript, SQL, and Typescript. For more details, see the job listing [here](#).

Ecologist / Research Program Manager at Rocky Mountain National Park

For more details, check the USA Jobs [listing here](#). Duties include co-producing various research projects, managing research permitting process, data analysis, public outreach, volunteer organization, training, and implementation of data collection events. Process and analyze complex datasets and geospatial data using statistical programming software and ArcGIS. GS 9 - 11 pay grades. Government housing may be available on a temporary or permanent basis.

Seeking postdoc 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

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.)

[Submit a Job Announcement](#)

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.

[Submit Photos](#)

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



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY



CSU Graduate Degree Program in Ecology | Colorado State University, Johnson Hall rm 102,
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