



May 15, 2023

Welcome to week 1 of summer break, GDPE! We hope that the end of your semester wrapped up smoothly.

As we transition into summer, keep in mind that the Digest will continue to share upcoming GDPE/CSU events and course offerings. We currently have 3 ECOL592 courses lined up for fall (and more coming through each week!):

- Urban Ecology
- Biodiversity in War Zones - Conflict, Conservation, and Reconciliation
- Migrant Ecology and Conservation

These courses will be posted to RamWeb and our [Website](#) soon!

We also wanted to extend our congratulations to the following students for their selection as SOGES Sustainability Leadership Fellows for the 2023-2024 academic year:

- Lily Durkee
- Sam Leuthold
- Alex Siggers

Stay dry out there!

Josie Otto

GPDE Sci Comm Fellow



GDPE EVENTS & ANNOUNCEMENTS

**Vote for your
GDPE Committee
Representatives**

Executive Committee: 2 spots
DEI Committee: up to 4 spots

Scan to vote
by May 17th!

[Vote for GDPE Committee Representatives](#)

Please vote [here](#) for folks to serve on two of our main committees.

For the Executive Committee (ExCom) we have two spots and four great candidates - it will be a difficult choice! For the Diversity, Equity and Inclusion (DEI) committee, we could actually use one or two more volunteers (let Ruth know if you're interested!).

Polling ends Wednesday, May 17, 4:00PM MST.



Recruiting GDPE Peer Mentors

GDPE is excited to continue its **peer-to-peer mentoring program** for incoming grad students this fall, and we need current students to help! We all know that it can feel overwhelming to start grad school. Mentors can make such a difference in getting settled in and connected. The time commitment is small and the benefits are great! Click the [link here](#) for more details and to access our Interest Form.

A graphic with a green and white floral pattern. A dark green rounded rectangle in the center contains the text 'CALL FOR ECOL 592 SUBMISSIONS' in white, with 'FALL 2023' below it. At the bottom left is a QR code with an arrow pointing to it and the text 'Scan to access the submission form'. At the bottom right is the logo for the Graduate Degree Program in Ecology at Colorado State University.

CALL FOR ECOL 592 SUBMISSIONS
FALL 2023

Scan to access the submission form

GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

Call for ECOL 592 Submissions

These unique seminars provide cutting edge ecology topics which are changed and updated each semester. We are currently accepting submissions from students and faculty for the Fall 2023 semester. Previous seminars can be found [here](#) and the submission form can be accessed [here](#). Submissions are accepted up until the first week of the semester.

GDPE Event Calendar



Pathways 2023: Human Dimensions of Wildlife Conference and Training

Pathways is an international conference and training program designed to address the myriad issues that arise as people and wildlife struggle to coexist in a sustainable manner. Our team believes that through increasing the professionalism and effectiveness of the Human Dimensions of Wildlife field, we can contribute to the success of the global conservation effort as a whole. The conference will be held **May 31 - June 3** at CSU. [Register here.](#)

PROFESSIONAL DEVELOPMENT OPPORTUNITIES

GTA's Best Practices in Teaching at CSU: Inclusive Pedagogy

This three-week (May 22-June 11), mostly asynchronous course takes place in Canvas. Participants can expect to spend 4-5 hours per week completing assignments, discussions and readings. Engage in self-reflection to consider your own lived experiences and how you use those as a lens to make decisions regarding all aspects of your teaching: your class climate, your instructional practices, and what you inherently believe about your students. In this course, you will consider your students' diverse strengths and how to leverage those to develop an inclusive classroom. You will review your current curriculum and look for opportunities to incorporate inclusive practices that heighten students' sense of belonging which, ultimately, contributes to their level of success. Register [here](#).

This course will be facilitated by GDPE Student and Sci Comm Fellow Josie Otto.

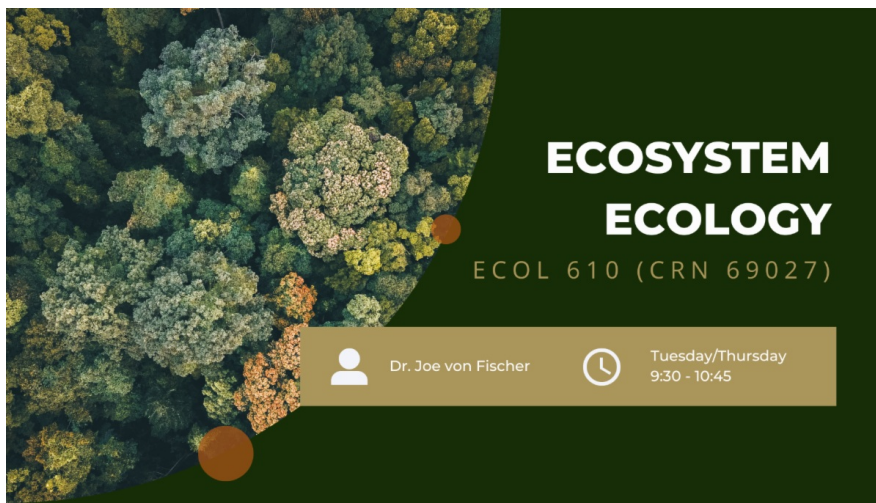
Fall 2023 Courses

A course poster for 'CONSERVATION MARKETING JTC 792E (CRN 75203)'. The background is dark green with decorative elements like leaves and a red panda's face. The text includes the course title, a description of the course content, the instructor's name 'Dr. Katie Abrams', and the schedule 'Tuesdays 3:00 - 5:50 PM'.

JTC 792E Conservation Marketing

Study an emerging field of research and practice with roots in the well-established social marketing framework. This course will cover the social marketing framework in-depth as it applies to helping people to engage in conservation behavior with a special focus on the role of strategic communication. Course will include practical and academic applications of conservation marketing. Students benefit from having any foundation in quantitative social science research methods (e.g., surveys, experiments) or basic statistics before taking this class, though it is not required. Unique potential opportunity this fall: The class or select students may collaborate with nene.org to research and develop conservation marketing approaches to help protect nēnē in Hawai'i.

Sample syllabus: <https://col.st/CMj0p>.



ECOL 610 Ecosystem Ecology

Concepts, methods, issues in ecosystem science: energy and matter cycling; systems perspectives, simulation modeling, sustainability, global change.



BZ 560 Teaching and Communicating Science

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.

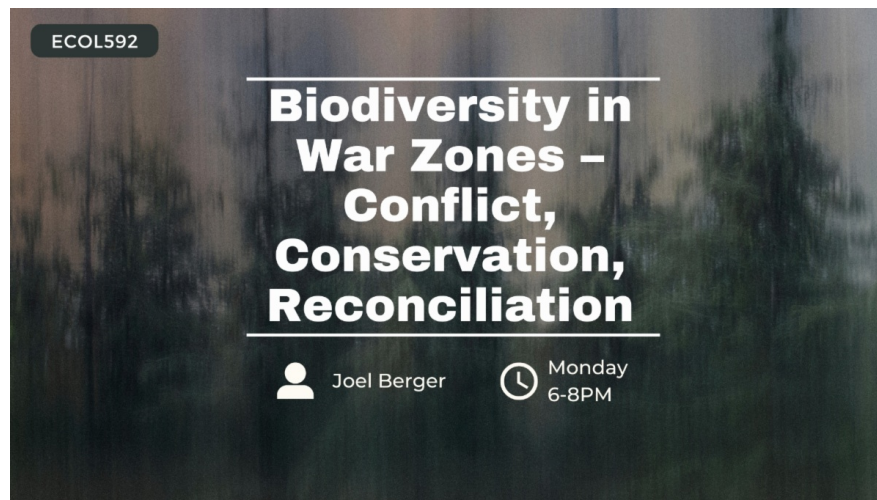


ECOL 592 Urban Ecology - Registration opening soon!

In this course, students will learn the history of urban ecology and how it has become the discipline it is today, build an understanding of urban ecosystems, consider human perceptions and

interactions with urban ecosystems, identify management challenges within these systems, visit local green spaces that are managed by the City of Fort Collins Natural Areas Department, and discuss current literature on research conducted in an urban ecology setting.

Students will be evaluated on their participation in discussion and engagement with the material. There will be no assignments. However, the instructors will evaluate student performance based on participation in discussions and engagement with guest lecturers.



ECOL 592 Biodiversity in War Zones - Conflict, Conservation, Reconciliation - Registration opening soon!

This seminar will address three key questions: 1) Why do militarized border zones harbor extraordinary species diversity? 2) What lessons emanate from understanding risk in non-human communities? 3) How do scientists capitalize on acquired knowledge from refuge precincts to accomplish real conservation? We will assess how & why ecological communities flourish and fail when safety and danger persist. Animal models reveal we are not unique. The focus is to be international and national, and on to whom this matters. Grading will be based on two primary factors: a) a student led discussion based on assigned readings with other class attendees, and b) participation in class by all students reflected by understanding and questions about the assigned readings.



ECOL 592 Migrant Ecology and Conservation - Registration opening soon!

In this course we will review classic and modern papers in the field of migration ecology and conservation. Students will become familiar in the tools and methods available for studying migratory birds, the ways in which birds have been used as model systems in ecology and evolution, and the current challenges that birds are facing. Students will be assessed based on participation in discussions. They will also be assigned one or two weeks to lead the discussion and will be assessed based on their presentation and leadership.

Let us know about your recent publications!

We are trying to highlight the great and diverse science that our faculty and students are doing. If you have recently published an article, please fill out the form linked below and our SciCom Fellow, [Josie Otto](#), will add you to our new Recent Publications section above. We can also feature your work on our website!

Please note that inclusion of events and publications in the Digest is not an endorsement by GDPE

Share your Recent Publication or Research Highlight

We want your feedback! Do you have comments or suggestions about how your GDPE experience can improve? Let us know! Contact your ExCom Student Representatives, [Mel Morado](#) and [Erin Weingarten](#) to provide your feedback.

Stay in touch by tagging GDPE in your posts and photos on Twitter (@CSU_Ecology) and Instagram (@CSU_GDPE). Use hashtags #GDPE and #CSU_Ecology. We'd be happy to help highlight your research!

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 Slack Channel - Join our GPDE Slack channel [here](#).

GPDE Student Teams Channel - Join our Teams Channel [here](#).

Submit Photos

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

GRANTS, FELLOWSHIPS, & JOBS

Student contractor, invertebrate technician for USGS

Applications due May 15

This position is to work full-time with a team of ecologists and hydrologists in the Studies Section of the USGS's Wyoming-Montana Water Science Center in Helena, MT. The focus of our work is on the effects of contaminants on aquatic and riparian organisms through field, laboratory, and mesocosm studies. Specific projects will include assessing the effect of legacy mine waste and active mining on the Clark Fork River Basin including investigations of metals accumulation into aquatic invertebrates and impacts to riparian birds through aquatic-terrestrial exchanges of prey, the effects of selenium moving through aquatic and aquatic-dependent food webs of Lake Koocanusa and the Kootenai River Basin, and the design and execution of mesocosm experiments to better understand the effects of contaminants on benthic communities in the absence of confounding factors. Project activities will involve enumeration and identification of aquatic insects, laboratory processing of insect samples for stable isotope and metal chemical analyses, maintaining and executing experiments in a mesocosm facility, and field work in mountain lakes and streams in remote areas of Montana and Wyoming. The position will report to one primary supervisor (Ashley Bussell) and the project leader (Travis Schmidt). The incumbent must have been enrolled at a University within the past twelve months. The position is funded for 2 full years.

To apply, send a cover letter, resume, and unofficial transcripts to Ashley (abussell@usgs.gov) and Travis (tschmidt@usgs.gov).

Submit a Job Announcement



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY



CSU Graduate Degree Program in Ecology | Colorado State University, Johnson Hall rm 102,
Fort Collins, CO 80523-1021

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