



August 21, 2023

Welcome back to campus, GDPE Community!

I hope you all had a wonderful summer that included successful research and fun with family and friends. The digest will be going out weekly this fall, around noon on Mondays. This is your place to find out about ecology events hosted by GDPE, across campus, and beyond. Below you'll also find out courses for the fall, recent papers from our community, and a good list of job opportunities as well.



We are going to rotate through who writes the introduction, so you'll get to know the GDPE staff members. Come talk to [any one of the staff members](#) if you need help with something (though Alan Knapp is on sabbatical). The [GDPE committee members](#) are also here to help.

I'm looking forward to another great year for the program!

Best,
Ruth
GDPE Director



GDPE Event Calendar

GDPE EVENTS & ANNOUNCEMENTS



RSVP now for the GDPE Fall Picnic!

Join us for our annual Fall Picnic at City Park on **Thursday, September 7th** from 5-8PM. Food and drinks will be provided (including vegan and GF options). The final deadline to RSVP so we can get food ordered is **August 31st** at 11:59PM. RSVP [here](#).



Become a GSC Rep for GDPE!

Are you interested in representing GDPE on the Graduate Student Council? GDPE is looking to **fill 1 representative slot**. The GSC meets once a month on Tuesday nights (with dinner provided) and hosts several events throughout the semester. As a rep you will need to coordinate with our other GDPE Rep, Elizabeth Diaz-Clark on attending the meetings/events and sending regular updates to our student body. If you have any questions, please reach out to Elizabeth at eddc@colostate.edu.

ECOLOGY & CSU EVENTS



4th Annual SyncroSim 2023 User Conference

SyncroSim 2023 will take place from **September 19-21st, 2023** at the Fort Collins Science Center.

The conference is designed for researchers, data scientists, policy makers, and anyone interested in applying cutting-

edge simulation modeling techniques to support decisions for complex ecological systems.

[SyncroSim](#) is a versatile software platform for developing, running, and analyzing geospatial forecasting models. Registration is open. Click [here](#) for more details.

Being in the Field Workshop Series

Being in the field is considered a capstone experience for undergraduate students in 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 researchers, experienced students, and novice students to participate in two workshops to explore aspects of inclusion in the field setting. Interested individuals may attend individually or as a research group with 1-2 students. While attending as a research group **is not required** it is encouraged.

Our fall workshop (with lunch!) will be held **October 6th** from 11-1 pm. [Register](#) early as the program participation is capped!



GCC 2023

17th Graduate Climate Conference
Woods Hole, MA November 2-4

17th Annual Graduate Climate Conference

The GCC is an annual interdisciplinary climate conference **run by graduate students, for graduate students** featuring panel discussions, presentations, workshops, social events, and more. GCC highlights **climate research from a variety of disciplines within the physical, natural, and social sciences and humanities**.

This year, the event will be held at the Marine Biological Laboratory in Woods Hole, Massachusetts on **November 2-4th, 2023**. [Click here](#) to learn more about the event and to apply.


Entomological Society of America 2023 Annual Meeting

Entomology 2023 will take place **November 5-8th, 2023** in National Harbor, MD (just miles from Washington, DC) at the Gaylord National Resort & Convention Center. The theme for Entomology 2023 is **Insects and Influence: Advancing Entomology's Impact on People and Policy**. [Click here](#) for more details.

2023
ENTOMOLOGY
November 5-8 | National Harbor, MD



The XXVth International Conference of the Society for Human Ecology (SHE)



Society for Human Ecology (SHE) 2023 Conference
SHE 2023 "Sowing Human Ecological Futures: Vision, Justice, and Diversity" will be held **November 5-8th, 2023** in Tucson, Arizona. Click [here](#) for more details.

American Geophysical Union 2023 Annual Meeting

Register now for AGU's 2023 Annual Meeting, which will take place **December 11-15th** in San Francisco, California. Click [here](#) for more details.



FALL 2023 COURSES

Visit our [Curriculum and Courses](#) page to learn more about what courses are offered each semester.

ECOL 592 Course Descriptions are listed on our website [here](#).

Students may submit Course Overrides, Late Registrations, or Course Petitions [here](#).

Course instructors and meeting locations can be found online in RamWeb.

GDPE
FALL 2023 COURSE OPTIONS

REQUIRED - ALL	REQUIRED - HEI ONLY
ECOL 505 : FOUNDATIONS OF ECOLOGY	ANTH 530: HUMAN ENVIRONMENT INTERACTIONS

FUNDAMENTALS

ECOL 610: ECOSYSTEM ECOLOGY	BZ 526: EVOLUTIONARY ECOLOGY
BZ 548: THEORY OF POPULATION AND EVOLUTIONARY ECOLOGY	ESS 575: MODELS FOR ECOLOGICAL DATA

REQUIRED - PHD (2 COURSES), MS (1 COURSE)

ECOL 592 OPTIONS:
URBAN ECOLOGY
BIODIVERSITY IN WAR ZONES - CONFLICT, CONSERVATION, RECONCILIATION
MIGRANT ECOLOGY AND CONSERVATION
MULTIVARIATE ANALYSES IN COMMUNITY ECOLOGY
ECOLOGICAL STATISTICS IN PRACTICE

ELECTIVES
(NOT EXTENSIVE)
BZ 560: TEACHING AND COMMUNICATING SCIENCE
JTC 792E: CONSERVATION MARKETING

REQUIRED - ALL

ECOL 505 : FOUNDATIONS OF ECOLOGY
LECTURE: T/R 11:00 - 11:50 AM
RECITATION: R 1:00 - 1:50 PM OR 3:00 - 3:50 PM

REQUIRED - HEI ONLY

ANTH 530: HUMAN ENVIRONMENT INTERACTIONS
LECTURE: R 2:00 - 4:50 PM

FUNDAMENTALS

ECOL 610: ECOSYSTEM ECOLOGY
LECTURE: T/R 9:30 - 10:45 AM

BZ 548: THEORY OF POPULATION AND EVOLUTIONARY ECOLOGY
LECTURE: M/W/F 1:00 - 1:50 PM
LAB: R 3:00 - 5:50 PM

BZ/BSPM 526: EVOLUTIONARY ECOLOGY
LECTURE: T/R 9:30 - 10:45 AM

ESS 575: MODELS FOR ECOLOGICAL DATA
LECTURE: T/R 8:00 - 9:15 AM
LAB: W 11:00 - 12:50 PM

REQUIRED - PHD (2 COURSES), MS (1 COURSE)

ECOL 592: URBAN ECOLOGY
LECTURE: T 12:00 - 12:50 PM

ECOL 592: BIODIVERSITY IN WAR ZONES - CONFLICT, CONSERVATION, RECONCILIATION
LECTURE: M 6:00 - 8:00 PM

ECOL 592: MIGRANT ECOLOGY AND CONSERVATION
LECTURE: T 3-4 PM

ECOL 592: MULTIVARIATE ANALYSES IN COMMUNITY ECOLOGY
LECTURE: M 1:15 - 2:50 PM

ECOL 592: ECOLOGICAL STATISTICS IN PRACTICE
LECTURE: W 1:00 - 1:55 PM

ELECTIVES

BZ 560: TEACHING AND COMMUNICATING SCIENCE
LECTURE: T/R 9:30 - 10:45 AM

JTC 792E: CONSERVATION MARKETING
LECTURE: T 3:00 - 5:50 PM

F 624: FIRE ECOLOGY
LECTURE: M/W TIME TBD

NR 510: ECOSYSTEM SERVICES - THEORY AND PRACTICE
LECTURE: M 1:00 - 3:30 PM

MIP 570: FUNCTIONAL GENOMICS
LECTURE: M/W 10:00 - 10:50 AM
LAB: F 10:00 - 11:50 AM

AREC 535: APPLIED ECONOMETRICS
LECTURE: T/R 2:00 - 3:15 PM

AREC 635: ECONOMETRIC THEORY
LECTURE: T/R 11:00 - 12:15 PM

ECOL 698: RESEARCH INDEPENDENT HOURS

THIS LIST IS NOT EXTENSIVE. SEE WEBSITE FOR MORE DETAILS.



Recent Publications and Highlights

Former GDPE faculty member, Dr. **Tom Stohlgren** (NREL), co-wrote "Twisted Vines" a thriller murder-mystery film that is now available to watch on Amazon Prime and Google Play. Stohlgren shared, "I had the time of my life creating and drafting the script, but the real heroes of the story are Jihane Mrad Balaa (Director/Producer), co-writer Corinne Sbeih, and the highly skilled actors and crew who brought the pages to life."



Dr. Tom Stohlgren

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 Sci Comm 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 [Elizabeth Diaz-Clark](#) 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.

JOBS, FELLOWSHIPS, INTERNSHIPS

ESIL Post-Doctoral Research Scholars

Deadline August 31, 2023

The Environmental Data Science Innovation & Inclusion Lab (ESIL) is seeking three Post-Doctoral Research Scholars who are working in the field of **environmental data science (EDS)** to address

pressing environmental challenges. ESIII Post-Docs are expected to produce innovative and/or applied environmental biology research while also representing and encouraging a diverse community to thrive in the rapidly evolving field of EDS. Click [here](#) to learn more and apply.

Assistant Professor of Environmental Studies (Geospatial Specialist)

Deadline September 1, 2023

The Department of Environmental Studies at St. Olaf College invites applications for a **full-time, tenure track position as a Geospatial Specialist** at the Assistant Professor level, to begin August 2024. The normal teaching load is five courses per year. Primary teaching responsibilities include EnvSt 255 (GIS/remote sensing), at least one integrative core course within the environmental studies major, and developing one or more GIS-based or spatially oriented courses in your area of specialization. The integrative core courses comprise EnvSt 137 (Introduction to Environmental Studies), EnvSt 237 (Integration and Applications in Environmental Studies, making use of civic engagement), and EnvSt 399 (Senior Capstone). Duties also involve advising, committee service, departmental and institutional obligations such as attending faculty meetings. Click [here](#) for more details.

Smith Fellows 2024 Call for Proposals

Deadline September 15, 2023

The Society for Conservation Biology is pleased to solicit applications for the David H. Smith Conservation Research Fellowship Program. These **two-year postdoctoral fellowships** provide support for outstanding early-career scientists who propose innovative ways to link conservation science and theory with policy and management. The Program supports and encourages Fellows to improve and expand their research skills while directing their efforts towards addressing conservation problems of pressing concern for the United States. Click [here](#) for more details.

Assistant Professor of Biology - Aquatic Ecology

Deadline September 18, 2023

The Department of Biology at St. Olaf College invites applications for a **full-time, tenure track position in Aquatic Ecology** (freshwater or marine) at the Assistant Professor level to begin August 2024. Teaching responsibilities include regular teaching of the ecological principles course with lab (BIO 261), which serves Biology and Environmental Studies majors. Other courses taught in the successful candidate's area(s) of interest could be existing (e.g. Limnology or Biogeochemistry) or new, at varying levels (introductory to advanced), and could emphasize a range of skills (e.g., written communication, programming, quantitative modeling). The normal teaching load is five courses per year. Click [here](#) for more details.

Ph.D. Opportunity in Freshwater Ecosystem Science at Virginia Tech

Preferred Deadline October 1, 2023

The Carey Lab in the Department of Biological Sciences at Virginia Tech is recruiting **two graduate students in freshwater ecosystem science to start at the Ph.D. level in January 2024 or August 2024**. We seek enthusiastic and self-motivated students who can work independently while participating in a fun and highly collaborative lab environment and encourage interested students to read through our [Mission Statement](#), [Code of Conduct](#), [Diversity & Inclusion Statement](#), and other lab resources posted on our website to learn more about our group. Click [here](#) to learn more.

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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