



GDPE Weekly Digest



November 8th, 2021

Hello fellow graduate students,

In case you missed it on [our Twitter](#), the Entomology Society of America had a conference in Denver last week with many GDPE presenters! Great job to everyone that presented! Looking ahead, GDPE has a few events you should look out for. Distinguished Ecologist Dr. Sally Aitken is speaking virtually on Nov. 17th—join us for the viewing party (details below)! More information about the DE can be found [on our website](#). Erika Peirce and I are putting on an Inkscape seminar if you want to learn more about creating/editing vector graphics on December 3rd (details below). As always please connect with GDPE with any photos of your research, accomplishments, or ideas you have for the science communication!

-Taryn

GDPE EVENTS & ANNOUNCEMENTS

**GDPE DISTINGUISHED
ECOLOGIST SEMINAR
SERIES**

NOV. 17TH AT 4 PM

*"LONG, SLOW LIVES FACING
RAPID CHANGE: CLIMATE
ADAPTATION IN CONIFERS"*


DR. SALLY AITKEN
UNIVERSITY OF BRITISH
COLUMBIA

**JOIN THE VIEWING
PARTY!**

ROOM A101 BHSCI
OR JOIN VIA ZOOM: LINK ATTACHED

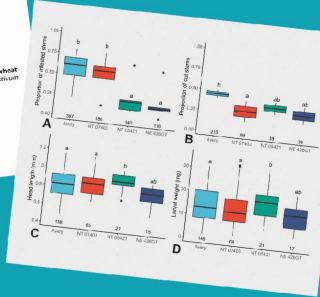
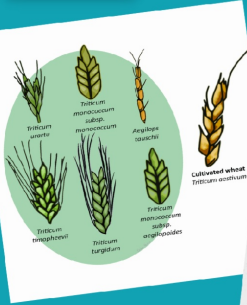

Zoom details: [https://zoom.us/j/94515545390?](https://zoom.us/j/94515545390?pwd=ZUREci9CSHhnSkhQS3MwM3NVbGZCUT09)
[pwd=ZUREci9CSHhnSkhQS3MwM3NVbGZCUT09](https://zoom.us/j/94515545390?pwd=ZUREci9CSHhnSkhQS3MwM3NVbGZCUT09) password GDPE

Sign up to meet with Dr. Aiken on Nov 17th or 18th [HERE](#)

 GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

INKSCAPE SEMINAR

Free vector graphics software to create infographics or edit tables and graphs



DEC. 3RD, 2021 | 10 AM TO 11:30 AM
ROOM: JOHNSON HALL 132

Come learn how to modify your graphics, how to work with vector graphics, and be introduced to a program that can help build infographics!

Sign up for Inkscape Seminar [Here](#)

Save the Dates: Upcoming Distinguished Ecologist Seminars

December 8 - Dr. Molly Cavaleri

February 2 - Dr. Scott Denning

March 23 - Dr. Andrea Grover

April 13 and 14 - Dr. Alonso Ramirez

April 27 & 28 - Dr. Peter Reich

ECOLOGY & CSU EVENTS

Graduate Student Showcase November 8-10

The GradShow is less than a month away on November 8-10. Graduate students representing all eight colleges and interdisciplinary programs will present their scholarship and creative artistry using a new virtual platform created for the GradShow. Learn more about the exciting work going on across campus, engage in professional development offered to the entire graduate community, and support your peers. **Virtually attend by creating a profile** even if you are not presenting this year. More information [here](#).

GSC Travel Grants

The Graduate Student Council (GSC), Graduate School, and the Associated Students of CSU (ASCSU) are excited to sponsor quarterly travel grants open to all graduate and professional students at CSU. Grants are open to all graduate students who will be presenting their work at a conference and provide partial funding for conference travel-related expenses. Recipients of each grant will be determined by evaluating the type of presentation and conference, as well as the impact of the

DEADLINES

Nov. 12 – by 4:45 pm (MT)

FALL 2021 GRADUATES

ETD formatting must have final Graduate School approval – all revisions must be complete and approved in ProQuest

Other Deadlines

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](#).

COURSES

Upcoming Courses of Interest

◆ **ECOL592 001 "Overpopulation and Ecological Sustainability "** (Dr. Philip Cafaro)
CRN:18824 , **Credits: 1** *Please register for 1 credit only.*

Tools for Food-Energy-Water System Analysis (CIVE 527) for Spring 20 22.

9:00 - 10:50 am on Mondays and Wednesdays. The course includes lab time from 9:50 - 10:50.

Course Description: This 3-credit hour course aims to equip students with tools to be used across disciplines that advance capacity to assess complex FEWS issues. Statistical analysis and data mining approaches are included to explore prevailing relationships amongst FEWS under varying conditions. Tools and approaches introduced include statistical analyses, life cycle assessment, triple bottom line analysis, and multi-criteria decision analysis. [Syllabus](#) More information [here](#).

New online course - Ecosystem Services on Agricultural Lands

Dr. Dana Hoag in Agricultural and Resource Economics is offering a new online graduate course this Spring: AGRI 638 – Ecosystem Services on Agricultural Lands. Tuition is set at in-state rates, even for non-residents. Check it out or register

at: <https://www.online.colostate.edu/courses/AGRI/AGRI638.dot>

Course description: This course applies an economic lens to look at buying and selling ecosystem services. Students will learn about ecosystem services, but focus on how farmers, ranchers, and other extensive land users can improve their sustainability by earning revenues from resources on agricultural properties. Examples include selling carbon credits, wildlife banking, hunting and agro-tourism. We will dig deep to find unique and innovative ecosystem services, and about how to market them. All students will create an ecosystem marketing plan on an actual farm, ranch or other appropriate extensive properties.

Plan Ahead! Fall 2022

ESS 575 - Models for Ecological Data - Dr. Tom Hobbs, Professor Emeritus

Lecture: TR 9:30-10:45 Lab: W 1-2:50 Gaining insight about the operation of ecological processes using models and data.

Send us your photos! Now more than ever, it's important for us to keep in touch. Send us your photos of your WFH desk, from the field, or just photos of you relaxing and enjoying summer!

[Submit Photos](#)

and processing. Thanks!

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, [Katie Rocci](#) and [Dani Lin Hunter](#) to provide your feedback.

Stay in touch by tagging GDPE in your posts and photos on Twitter - @CSU_Ecology and use hashtags #GDPE and #CSU_Ecology. We'd be happy to help highlight your research!

[General Student Resources](#)
[COVID Resources for Grad Students](#)
[CSU COVID Recovery Resources](#)

GRANTS & JOBS

Post Doc: Soil Microbial Ecology, Carbon Cycling, and Global Change **Applications accepted beginning October 13**

The postdoc will work on an NSF-funded project that addresses how soils from different climate histories respond to extreme drought by leveraging a global network of rainfall manipulations. The overarching goal of the project is to improve our understanding of soil respiration responses to moisture and their representation in carbon cycling models. We are particularly interested in candidates with experience in soil biogeochemistry and respiration measurements. This is a collaborative project with Sarah Evans at Michigan State University and Steve Allison at the University of California Irvine, and the successful candidate will have opportunities to interact with students and postdocs across all three labs.
Apply here: <https://jobs.ncsu.edu/postings/151224>

2 year Teaching-Research Post-doctoral Associate Position in Wildlife Ecology **New Mexico State University** **Applications accepted beginning October 25**

The Department of Fish, Wildlife and Conservation Ecology (FWCE) at New Mexico State University is seeking a Post-doctoral Teaching-Research Associate in the field of Wildlife Ecology. The department has immediate teaching needs for the Spring 2022 semester, and thus (pending final approval of funding), the expected start date is January 10 2022 (an earlier start date may be possible), with an expectation of two years of support for the position. More information [here](#).

Assistant Professor Ecology - West Virginia University **Application Due Date: November 12**

We seek an individual who uses empirical and advanced analytical techniques to link the physiology of trees and/or microbes with ecosystem processes and their subsequent responses to climate change across multiple levels of biological organization ranging from genes to ecosystems. More information [here](#).

Early Career Ecology Researcher - US Geological Survey **Application Due Date: November 12**

The US Geological Survey (USGS) Fort Collins Science Center is seeking an early career researcher to assist with summarizing and synthesizing science to inform management of western lands. The candidate will be part of an existing collaboration between USGS scientists and Bureau of Land Management (BLM) resource managers that seeks to coproduce science and data products that inform public lands decision-making. More information [here](#).

Postdoc Scientist Turkey Population Modeling and Decision Making: Remote **Application Due Date: November 15**

The Pennsylvania Game Commission is initiating long-term research on wild turkey in Pennsylvania to develop a decision model for setting fall harvest regulations, develop an integrated population model to monitor population trends, and investigate ways to improve population monitoring and the decision process. There will be mentoring opportunities as the project will support a PhD and MS student beginning in Fall 2022. The position will be supervised by Dr. Duane Diefenbach (PA Cooperative Fish and Wildlife Research Unit) and Dr. Franny Buderman (Dept. of Ecosystem Science and Management). Target start date is January 2022, but may begin earlier. More information [here](#).

Postdoctoral Position in Ecology at UNH **Application Due Date: November 16**

The University of New Hampshire invites your application to the [Postdoctoral Diversity and Innovation Scholars](#) program. This 2 year postdoctoral appointment provides opportunities to

none your scholarship through professional mentoring, professional development, development funds, a minimum salary of \$50,000, and benefits. [This flyer](#) describes the range of professional development opportunities (e.g, research mentoring network, in-depth faculty development programs) and the opportunity to apply for a tenure track faculty opening. We have identified **12 postdoctoral openings** across five colleges. More information [here](#).

PhD Decision and Demographic Modeling for Wild Turkey - University Park, PA
Application Due Date: November 30

We are seeking a Ph.D. student interested in developing a decision model as part of a large-scale study of wild turkeys in Pennsylvania. The project provides an opportunity to combine field data with computer modeling to inform a decision model for managing wild turkey, to evaluate the effects of hunting decisions on the demography of turkeys, and to evaluate demographics under different ecological conditions. More information [here](#).

John J. and Katherine C. Ewel Postdoctoral Fellowship in Ecology and Environmental Science in the Tropics and Subtropics

Application Due Date: January 9, 2022

The John J. and Katherine C. Ewel Postdoctoral Fellowship Program in Ecology and Environmental Science in the Tropics and Subtropics will enable a recent doctoral recipient to study tropical or subtropical ecology and environmental sciences at the University of Florida (UF). The Fellow will conduct research for two years with a UF faculty member in any department, in any subdiscipline of ecology or environmental science. The fellowship is intended to advance science and enrich the scope and depth of research credentials of both the Fellow and the faculty mentor. A successful application will be based on a partnership between the applicant and the mentor that builds on the strengths of both. Evidence of joint development of the research proposal is key. More information [here](#).

InTERFEWS Application Period for Fall 2022 Trainee

Application Due Date: January 14, 2022

Interested in food, energy or water systems and sustainability issues? Consider applying for the new Interdisciplinary Training, Education and Research in Food-Energy-Water Systems ([InTERFEWS](#)) graduate traineeship program created to integrate **Food-Energy-Water (FEW)** education using a systems-based approach that cuts across disciplines, departments and colleges. [InTERFEWS](#) is currently accepting CSU PhD candidates to join the fall 2022 semester, with priority given to those entering the 1st or 2nd semester of their PhD program (those beyond their 3rd semester are not eligible). More information [here](#).

Postdoctoral Research Associate, Decision Analysis for Climate Resilience in the Au Sable River, Michigan Agency/location: Quantitative Fisheries Center

Application Due Date: Open until filled

The Department of Fisheries and Wildlife, Michigan State University is seeking a research associate to lead a decision analytic process (i.e., structured decision making) for climate resilience planning in the Au Sable River, Michigan, with a focus on fish habitat and the fish community in the system. The Au Sable, a blue-ribbon trout stream, is an iconic cold-water system that is home to Trout Unlimited and supports excellent brown and brook trout fishing. More information [here](#).

Post-Doctoral Research Associate - MSU Estimating Spatially-Explicit Mortality from Acoustic Telemetry Detection Data

Application Due Date: Open until filled

We seek a Post-Doctoral Research Associate with a strong background in statistics/modeling to develop and evaluate models for estimating spatially-specific mortality (fishing and natural) components from acoustic telemetry detection data. Project will involve simulation modeling and analysis of empirical data resulting from multiple acoustic tagging studies of walleye and other species in Lakes Erie and Huron. The hired associate will have an opportunity to work with a mixture of federal, state, and university biologists in model development. More information [here](#).

Lab Manager Position in Soil Ecology at the University of Minnesota and Cedar Creek
Application Due Date: Open until filled

We are seeking a lab manager to jointly manage the labs of Professors Peter Kennedy and Sarah Hobbie, and to help coordinate and carry out several related collaborative projects examining fungal effects on soil carbon dynamics as well as the abiotic and biotic factors determining fungal distributions both above- and belowground. More information [here](#).

Post-Doctoral Positions in Mangroves Modeling

Application Due Date: Open until filled

The modeling group at IPSL ("Institut Pierre et Simon Laplace", www.ipsl.fr/) invites applications for a 30 months fixed-term post-doctoral position in land surface and ocean modeling, with a focus on mangrove ecosystems. The applicant should have an interest in interdisciplinary research and in blue carbon. More information [here](#).

The Institute of Global Change Biology (IGCB) Faculty Hiring (2 positions)

Application Due Date: Open until filled

Institute of Global Change Biology (U Michigan) seeks Assistant, Associate or Full Professor in Global Change Biology & Environmental Justice. The Institute of Global Change Biology (IGCB) at the University of Michigan invites applications for a full-time, tenure-track position in global change biology and environmental justice, broadly defined. The candidate's research should focus on the nexus of these two fields. More information [here](#).

Research Fellow: IGCB Postdoctoral Fellow

Application Due Date: October 14, 2022

The Institute of Global Change Biology (IGCB) at the University of Michigan seeks exceptional applicants to nominate for the IGCB Michigan Postdoctoral Fellows Program. The main responsibilities of the Fellows will be to advance research in global change biology. More information [here](#).

[Submit Job Announcement](#)



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