



September 21, 2022

Geography Weekly

GISIL EXTENDED & WEEKEND HOURS

Starting Friday, September 23rd, the Geographic Information Sciences Instructional Lab will be open Monday through Thursday between 8:00 AM and 8:30 PM, on Fridays from 8:00 AM to 7:00 PM, on Saturdays between 11:00 AM and 7:00 PM, and on Sundays from 12:00 PM to 4:00 PM.

The full schedule can be found [online via the department website](#) or posted on the door to 243 Jessup Hall.

KOHN COLLOQUIUM

This Friday, September 23rd, Kohn Colloquium will be virtual via Zoom and graduate students will attend to meet Chaoqun (Crystal) Lu from Iowa State University.

Dr. Chaoqun (Crystal) Lu is an associate professor in the Department of Ecology, Evolution, and Organismal Biology at Iowa State University. Before joining ISU in 2015, she was a postdoctoral researcher and then a research fellow at Auburn University. She is a quantitative ecosystem ecologist with broad interests in understanding, quantifying, and predicting how ecosystem processes and functions have responded and will respond to natural and human disturbances. Her research uses a systems approach that incorporates process-based land ecosystem modeling, data-model assimilation, and geospatial analysis to investigate a number of cutting-edge ecological questions. *Dr. Lu's abstract can be found on the following page.*

View the CLU Lab webpage [here](#) or [Dr. Lu's Google Scholar page](#).

Email adrian-sandersfeld@uiowa.edu for the Zoom link. Contact Marc Linderman at marc-linderman@uiowa.edu with other questions regarding Kohn Colloquium

CALENDAR

SEP
23

Faculty Meeting
B5 JH | 11:30 AM

SEP
23

Kohn Colloquium
219 JH | 3:30 PM

OCT
11

Plans of Study Due
for graduate students

HAVE UPDATES TO SHARE?

Send news items, information on thesis defenses, awards, publications, events, and more to adrian-sandersfeld@uiowa.edu by 1:00 P.M. each Tuesday to have them featured in the upcoming Geography Weekly newsletter.

KOHN COLLOQUIUM: DR. CRYSTAL LU

Assessing Agricultural Sustainability | Abstract: Agriculture is closely related to quite a few Sustainable Development Goals (SDGs) set by the United Nations, including those focusing on food security and pollution. However, it remains uncertain how agricultural production has shaped terrestrial carbon and nitrogen dynamics and agroecosystem sustainability. This, therefore, limits the interventions we can make to reduce the environmental carbon and nitrogen footprint while maintaining crop production within a diversified agricultural landscape and varied climate conditions. Here we used data synthesis and modeling approaches to assess soil carbon storage change and track reactive nitrogen from agricultural inputs to environmental consequences across the US. Our work reveals the challenges in sustainable agriculture and highlights the need to identify and manage the hot spots and hot moments of carbon and nitrogen losses as low-hanging fruits.

EVENTS & SEMINARS

Iowa City Climate Fest | From September 21st to 24th, the kick-off event to Iowa City Climate Fest will be held from 5pm to 8pm at Big Grove with the Iowa City Public Library's Book Mobile, an interactive climate commitment display, Carbon Recycling System tours, and activities and information provided by community-based organizations including Iowa City Landfill & Recycling, Iowa Flood Center, Bur Oak, Trees Forever, Johnson County Conservation, 100 Grannies, 100% Iowa, U.S. Army Corps of Engineers, Wings2Water, Iowa City Climate Advocates, and Table to Table.

Tree Tours: Nature Walk & Talks | September 23rd, from 12:00 PM to 1:00 PM on the Pentacrest (meeting outside the main staircase entrance of Macbride Hall), join the Pentacrest Museums for a guided stroll on campus featuring the ecological diversity, symbolism, history, and lore of our trees. We'll use the lunch hour once a month on these nature walk & talks for discovery, restoration, mindfulness & movement in this program—designed for you—with resilience and curiosity in mind. For disability accommodations or building accessibility questions, contact Carolina Kaufman in advance at (319) 467-3130 or carolina-kaufman@uiowa.edu

Public Observation Night | On September 23rd at 8pm, join the University of Iowa Physics & Astronomy Department as we use the Van Allen Observatory and small telescopes to tour the fall sky. To attend this Astronomy observation session, follow the signs in Van Allen Hall to reach the roof. For disability accommodations or building accessibility questions, contact Caroline Roberts in advance at (319) 467-1481 or caroline-roberts@uiowa.edu

INTERNSHIPS & OPPORTUNITIES

- **Cloudpoint Geospatial** is seeking a full-time on-location **GIS technician** in Roanoke, IL. Individuals interested in applying should ideally have 2 or more years of GIS experience and a familiarity with ArcGIS and Esri. Read more about this position at clas.uiowa.edu/geography/gis-technician-roanoke-il
- **Harrison County** is hiring a full-time **GIS Coordinator**. The GIS Coordinator, under the direct supervision of the Harrison County Board of Supervisors, oversees the creation and management of the Geographic Information System (GIS) activities within Harrison County, Iowa. Work includes coordinating GIS activities for other Harrison County Departments and municipalities within Harrison County; managing GIS vendor contracts, planning and organizing system development activities, and developing and implementing procedures to guide GIS projects. Work is performed independently within established policies, procedures, and guidelines and is reviewed through reports, conferences, and system performance. View job posting and apply for this position on [Indeed.com](https://www.indeed.com)
- The **city of Cedar Rapids** is seeking a full-time **GIS programmer** to work in their I.T. department. Read more and [apply on GovernmentJobs.com](https://www.applyongovernmentjobs.com), contact Katie Ulmer at k.ulmer@cedar-rapids.org with questions about this job posting.

BECOME A CLIMATE ACTION AMBASSADOR

If you are interested in getting involved with climate action, become an Iowa City Climate Ambassador today. It's not too late to prevent the worst outcomes of climate change. The time to act is now. As a Climate Ambassador, you can help. Learn more on the [IC Climate Action Ambassador page via the City of Iowa City website](#).

JOIN ICIGO!

ICIGO is a student organization within the Department of Geographical and Sustainability Sciences that utilizes experiences and skills gained in the classroom to support projects focused on sustainability in the community and state. This semester ICIGO is excited to welcome new members with a background, or interest, in GIS, analytics, leadership, organization, and visualization.

The group requires 2-3 hours of participation a week and participation in regular meetings and no prior GIS knowledge is required to join. Contact the Geography Department's senior GIS administrator, Adam Skibbe at adam-skibbe@uiowa.edu to get started!

Career Advising via Pomerantz Career Center

- ◆ The **Pomerantz Career Center** at C310 PC is open for drop-in peer advising Monday—Thursday between the hours of 10am and 2pm only, with Zoom appointments available via **MyUI**.
- ◆ Employers post open positions on **Handshake** for internships and full-time job opportunities for students of all degree levels.

Writing Assistance Available via the Writing Center

- ◆ **The Writing Center** is fully online and available to all students, faculty, and staff. They can provide feedback on any kind of writing—from reading responses, course papers, capstone projects, and theses to cover letters, emails, scholarship applications, and creative projects.
- ◆ Use the **Online Feedback** button to upload a piece of writing and get written comments and suggestions on it, allowing at least two business days for a response.

UI Service Center

- ◆ The **UI Service Center** is open and available to help students with a multitude of tasks including: changing registration, checking on the progress of scholarship submissions, graduation services, transcripts and verifications, ID card programs, billing, and loan collections.
- ◆ The Service Center strongly encourages you to **schedule an appointment through MyUI** using the “Advising Appointment” feature and selecting the Service Center before your in-person visit.

University Virtual Counseling Service Programs

- ◆ The **University Counseling Service** is still offering several programs to help students virtually.
- ◆ **Let’s Talk Hawks!** consultations are a weekly drop-in service that provides students the opportunity to have informal, confidential, and anonymous conversations with a UCS therapist. No appointment is needed; these services are offered on a first come, first serve basis.
- ◆ The **Solidarity Support Group** is a safe space for students of color to talk about concerns, share experiences, and stay connected with one another and the other UI communities. They meet between 12:30pm-1:20pm on Friday afternoons.
- ◆ Other UCS programming can be found **here**.

Other Campus Resources

- ◆ [Office of Teaching, Learning & Technology Resources](#)
- ◆ [ITS Student Resources & Services](#)
- ◆ [GIS Library Research Guide](#)
- ◆ [Ulowa COVID Fall 2022 Guidelines](#)