



# ***The K-State Globe***

**Department of Geography and Geospatial  
Sciences, Kansas State University**

**5 September 2023**

---

## **Departmental Events**

**Faculty Meeting:** 8 September at 3:00 pm in the seminar room.

**Weekly Geography Faculty Coffee Hour:** 6 and 13 September at the Students Union, 8/8:15 am.

## **Publications**

Toto, R., Grabkowska, M., Nientied, P., **Smirnova, V.** and Dragović, S., 2023. The Uncommonness of Urban Commons in Central and Eastern European Countries. *The Commons Journal* 17(1): p.155-173.173.DOI: <https://doi.org/10.5334/ijc.1189>.

Ding, M., Lin, P., Gao, S., **Wang, J.**, Zeng, Z., Zheng, K., Zhou, X., Yamazaki, D., Gao, Y. & Liu, Y. Reversal of the levee effect towards sustainable floodplain management. *Nature Sustainability* (2023). <https://doi.org/10.1038/s41893-023-01202-9>.

## **Presentation**

Urban Political Podcast: The Urban Lives of Property Series II. In Conversation with **Vera Smirnova** - reflections on the question of property and land grabbing in Russia <https://urbanpolitical.podigee.io/64-smirnova>.

## **Students' Opportunity**

NASA DEVELOP National Programs inform that about an opportunity for about 10-week paid research, open to current students and recent college graduates as well as transitioning/early career professionals. These projects focus on helping local, national, and international communities address their environmental concerns while utilizing NASA's Earth observing fleet of satellites. NASA DEVELOP operates at thirteen locations across the country at NASA Centers and other regional locations. This is a great opportunity for participants who are interested in practical applications of remote sensing and GIS, specifically in the field of Earth Science. Participants will work with NASA scientists, partner organizations, and science advisors to learn about the use of NASA Earth science data for use in water resources, disaster management, ecological conservation, and other applications to address environmental community concerns. Responsibilities will include literature review, data processing and analysis, and producing deliverables, such as a technical report, presentation, and video. Previous GIS or remote sensing knowledge, while beneficial, is not required for acceptance. This is a multi-disciplinary opportunity for all those interested in Earth science, and we encourage those in the social sciences, general science, engineering, computer science, etc. to apply. Applicants must have excellent verbal and

written communication skills and be able to work in a fast-paced, highly collaborative environment. Days of the week are flexible, but applicants should be able to commit to 20 – 29 hours per week during the term. The position is paid on an hourly basis that is determined by education level. Details about this opportunity and how to apply can be found online at <https://appliedsciences.nasa.gov/nasadevelop>. The spring position application window will be open online from August 28th to October 6th, with the term taking place from January 22nd to March 29th. Please note some DEVELOP locations will allow for in-person opportunities while others will be completely virtual. For virtual locations, all accepted participants must work remotely from within the United States. Details on location status will be posted on our website. Additionally, if you know of any decision makers who would be interested in submitting a project idea, details can be found online at <https://appliedsciences.nasa.gov/what-we-do/capacity-building/develop/partner>.

## **Employment Opportunities**

**The University of Wisconsin-Eau Claire** seeks a tenure-track faculty position at the rank of assistant professor is available in the Department of Geography and Anthropology in the College of Arts and Sciences. The university seeks an environmental geographer with expertise in spatial aspects of interactions between humans and the natural world through avenues such as environmental policy, justice, protection, planning, or resource management. Areas of scholarly specialization might include biogeography, climatology, or soil science. The candidate must be committed to teaching excellence, actively engaging undergraduates, and mentoring students from groups underrepresented in geography. The candidate will join a vibrant and well-supported geography department with a dynamic and integrated geography curriculum. Primary teaching responsibilities include our introductory physical geography (GEOG 104) and environmental geography (GEOG 178) courses, upper-level environmental policy courses, and elective environmental and physical geography courses in the successful candidate's area(s) of expertise. The candidate will be expected to integrate geospatial techniques in coursework and stay current with developments in scholarship in geography and apply them in support of our department's interdisciplinary contributions to the university and community. This appointment carries an initial two-year probationary appointment beginning with the 2024-2025 academic year, August 19, 2024. Instruct courses in the Department of Geography and Anthropology based on program needs and candidate's geographic specialization (12 credits/semester); develop a successful research program; provide academic advising to students as assigned; engage in service to the department, profession, university, and community. Please apply here: <https://www.uwec.edu/job-postings>. Click the link to the Geography and Anthropology: Assistant Professor position Job Id #20040 and then click the "Apply Now" button to submit your application. You must create an account to apply. Please be sure you have included the following in PDF format: Letter of application, Curriculum vita, Statement of Teaching Philosophy, Interests, and Experience, Statement of Research Experience, Interests, and Plans, and Graduate and undergraduate transcripts (include copies of unofficial transcripts in PDF format along with the rest of the application; official transcripts are required before an offer is made.) Finalists will be asked to provide letters of recommendation, later. Only applications submitted electronically and preferably compiled as a single PDF document will be accepted. Receipt of complete application packages will be acknowledged by e-mail. To ensure consideration, completed applications must be received by 6 October 2023. However, screening may continue until the position is filled. Please direct requests for additional information or requests for any accommodations necessary for you to participate in our process to: [GEOGSEARCH@uwec.edu](mailto:GEOGSEARCH@uwec.edu).

The university reserves the right to contact additional references with notice given to the candidates at an appropriate time in the process. Employment will require the candidate and candidate's references to answer questions regarding past conduct related to sexual violence and sexual harassment, as well as criminal background check. The university will not reveal the identities of applicants who request confidentiality, except the identity of the successful candidate, which may be released. Qualifications include earned doctorate in the area of Geography or closely related field by August 18, 2024, academic specialization in environmental geography, evidence of ability to integrate geospatial techniques into

scholarship and teaching, demonstrated potential for excellence in teaching; scholarship; academic advising; and service to the department, university, community, and profession, and demonstrated potential to work effectively with diverse students and colleagues.

**The Department of Environmental Science in Willamette University's College of Arts & Sciences** welcomes applications for a tenure-track Assistant Professor to begin in August 2024. A PhD is required by the start of the Fall 2024 term; postdoctoral experience is welcome, but not required. The university is seeking an interdisciplinary environmental researcher who is building a career as a scholar and a teacher. It encourages candidates with interdisciplinary human-environment training in energy and/or natural resources (water, trees, soils, etc.) whose scholarly work engages with climate change and/or environmental justice to apply. Willamette has a teacher-scholar model for its faculty: tenure-track faculty teach 5–6 undergraduate courses per year, advise students, publish in their field, and engage in service to the department, college, and university. Teaching responsibilities will include contributing to introductory sequence (Earth System Science or Social Systems and the Environment) and upper division courses in the candidate's area of expertise. All professors at Willamette are expected to teach non-majors as well as majors and to contribute to the College's General Education curriculum. The successful applicant will be strongly committed to growing an excellent program integrating teaching, research, and mentoring at the undergraduate level. The Department has shared research space and equipment, along with limited funds to support this work. The candidate will need to upload the following documents as part application materials in the "My Experience" section labeled Resume: a letter of application describing your interest in and qualifications for the position, a curriculum vitae, a statement of teaching philosophy that includes a description of your pedagogical goals and strategies you use to promote inclusive student learning, and a research statement that includes your research plans at an undergraduate institution. Please visit the following link for the official posting and to apply: [https://willamette.wd1.myworkdayjobs.com/en-US/willametteuniversityjobs/details/Tenure-Track-Faculty\\_R0005259](https://willamette.wd1.myworkdayjobs.com/en-US/willametteuniversityjobs/details/Tenure-Track-Faculty_R0005259). All application materials should address the candidate's ability to work with a diverse student population. Letters of recommendation will be requested following phone/Zoom interviews. Review of applications will begin September 15. Questions may be directed to Dr. Katja Meyer, Chair.

**The University of Tennessee, Knoxville, TN, Department of Geography & Sustainability** seeks a broadly trained natural scientist with research expertise and teaching interests in water resources at the intersection of sustainability and physical geography for a tenure-track Assistant Professor position starting 1 August 2024. The department seeks a scholar with interests in field work and in community-based or stakeholder-driven research aimed at local or regional impacts on the sustainability of water as a vital rejavascript:WebForm\_DoPostBackWithOptions(new%20WebForm\_PostBackOptions("ctl00\$MainCopy\$ctl02\$PostMessageContributedContent\$BtnSave",%20"",%20true,%20"",%20"",%20false,%20true)) source. The successful candidate will join a dynamic department characterized by mutual support and a commitment to diversity and inclusion. The successful candidate will be expected to establish and maintain a strong program of water-related research and publication in Physical Geography and Sustainability, and to develop a robust, externally funded research portfolio that advances the candidate's research as well as the mission of the Department of Geography & Sustainability. The successful candidate will provide support to Physical Geography and Sustainability programs by teaching engaged undergraduate and graduate courses (3–4 courses/year) and taking an active role in bringing currency and creativity to curriculum development. They will also provide service to the department, university, and discipline. The successful candidate will demonstrate an ability to mentor graduate and undergraduate students. Applicants must have a doctoral degree in Geography or related field at the time of appointment. Required Qualifications: The candidate must be a natural scientist with water-related research and have earned a PhD in Geography or related field by the time of appointment. Preferred Qualifications:

Interests in field work and community-based or stakeholder-driven research. Candidates should apply through Interfolio at [apply.interfolio.com/130518](https://apply.interfolio.com/130518), providing a cover letter, curriculum vitae, and two separate statements on Research and Teaching. In addition to addressing their qualifications for the position in their application, candidates may describe how they would help promote students' access to and inclusion in their teaching and research/scholarship/creative activities. Candidates must also arrange to have three letters of reference sent by the deadline. All inquiries should be directed to Dr. Sally Horn, Search Committee Chair, Department of Geography & Sustainability, University of Tennessee, Knoxville, TN 37996-0925 ([shorn@utk.edu](mailto:shorn@utk.edu)). To ensure full consideration, all materials, including references, should be submitted by 25 September 2023. Review of applications will continue until the position is filled.

**California State University, Long Beach, CA**, seeks an Assistant Professor of Geography, Remote Sensing to teach lower and upper division courses in geography and environmental science and policy programs, and at the graduate level in both Master of Arts and Master of Science in Geographic Information Science degree programs. Specific teaching assignments may include classes in remote sensing, digital image processing, programming, geospatial databases, multi-variate and/or spatial statistics, general education courses or other specialty courses in the candidate's area of expertise. Mode of instruction may include in-person, hybrid, online, and/or any combination thereof. *Required Qualifications:* 1) Ph.D. in Geography or related field with specialization in Remote Sensing. Degree at time of application or official notification of completion of the doctoral degree by August 1, 2024. 2) Demonstrated or potential ability for effective teaching at undergraduate and graduate-level courses, 3) Demonstrated or potential ability to generate funding for applied research and student support, and 4) Demonstrated commitment to working successfully with a diverse student population.

*Preferred Qualifications:* 1) Specialization in two or more of the following areas: Small Unoccupied Aerial Systems (sUAS) data collection and analysis, orbital and suborbital image analysis and interpretation, spatial statistics, data analytics, pixel and object-based image analysis and feature extraction, fluency in R and/or Python, applied field experience; 2) Successful grant-seeking record with established ties to research institutions, industry, or government agencies; and Experience of successfully working with populations demographically and socioeconomically similar to the CSULB student body (demographics). Apply now.

**Southwestern University, Georgetown, Texas**, invites applications for a full-time, tenure-track Assistant Professor of Geographic Information Science (GIS) to begin in Fall 2024. Potential research areas are open, and the successful candidate will be housed and eventually considered for tenure in the department most appropriate for their scholarly profile. The position will be responsible for teaching introductory and upper-level GIS courses that support the Environmental Studies major and minor as well as courses in the candidate's area(s) of interest. This position is a 9-month appointment. Southwestern University's standard teaching load is five courses per academic year (3-2) along with departmental responsibilities, advising, and university service. Southwestern is committed to the teacher-scholar model; the university seeks candidates with a commitment to teaching undergraduates and pursuing scholarship in a liberal arts college that offers strong ongoing support for scholarly development, including robust pre- and post-tenure sabbatical programs, funding for conferences, opportunities for collaborative research, and low average class sizes. Southwestern University is committed to recruiting candidates who both excel in teaching and research and can best serve our diverse student population. The University seeks candidates who have a demonstrated commitment to, and will take an active role in, enhancing diversity, inclusion, and equity across the University, including fostering a sense of community and belonging for students. In your application materials, please include specific and detailed information about how you have worked to enhance diversity and inclusion through your teaching practices, research, and/or service experiences within the college or university setting. In compliance with the Immigration Reform and Control Act of 1986, proof of authorization to work in the United States will be required at the time appointment begins. Sponsorship for an employment-based visa may be an option depending upon university needs and the applicant's qualifications. All offers of employment are contingent on successful completion of the University's

Background Check Policy process. Southwestern University is an Equal Opportunity Employer. Candidates must have completed a Ph.D. in a relevant field by August 1, 2024. Successful candidates are expected to demonstrate (1) academic training in the current theory and methods as well as applications of environmental GIS (2) enthusiasm for developing courses suited to the liberal arts context that reflect inter/transdisciplinary approaches (3) a commitment to working closely with undergraduate students and mentoring undergraduate research and (4) a record of working towards inclusivity, equity, and diversity in their teaching and institutional service. Apply now.

**Carbon Solutions** is hiring Mid-Career and Early Career positions for a Quantitative Social Scientist/Economist—including Economics, Geography, Regional Science, Sociology, Public Policy, or Political Science—that will focus on energy challenges such as CO<sub>2</sub> capture and storage (CCS), direct air capture (DAC), hydrogen, renewable energy, and energy equity and environmental justice. The positions will be part of a multidisciplinary team supporting and leading research and projects focused on a range of energy challenges, with a key emphasis on CCS economics and infrastructure. The candidates will work with Carbon Solutions software and databases including CCS infrastructure design, CO<sub>2</sub> capture, CO<sub>2</sub> transport, and CO<sub>2</sub> storage. The positions require economic estimates, modeling, and statistical analysis for a variety of topics, such as job estimates for current and yet-to-be developed industrial sectors, future energy demand, pipeline transportation costs, and carbon capture costs. Successful candidates will have a broad range of experiences in quantitative social science methods, and experience working with scientists and engineers on interdisciplinary projects. Minimum Job Requirements include: A PhD or “master’s plus five years’ experience” in a relevant area such as major or minor in Economics, Geography, Economic Geography, Regional Science, Sociology, Political Science, Public Policy, and Engineering (for mid-career candidates) and a master’s or “bachelor’s plus three years’ experience” in a relevant area such as major or minor in Economics, Geography, Economic Geography, Regional Science, Sociology, Political Science, Public Policy, and Engineering (for early-career candidates); Experience in or a passion and ability to learn about CCS and related energy challenges, including economics and infrastructure design; Background and experience with GIS/GIScience; Experience or willingness to learn to code in a computer language such as Julia, Python, R, Java, MATLAB, and/or experience in coding-based statistical software, such as R, Python, or SAS; and Passion, experience, and willingness to embrace Carbon Solutions’ mission to address low-carbon energy challenges.

If you are interested in joining team, please send your resume and cover letter in PDF format to RS2023-5@carbonsolutionsllc.com. In the email, update the Subject Line: [First and Last Name] Research Scientist in Quantitative Social Science. In your cover letter, address all the minimum job requirements, any desired qualifications, and why would candidates be a good fit for Carbon Solutions. Incomplete applications will not be considered. The job opening will be open until 5 pm ET on Friday, 1 September.

**Dartmouth College, Hanover, New Hampshire**, seeks a teacher-scholar for a tenure-track appointment as Assistant Professor, to be appointed as early as July 1, 2024, at the Program in Quantitative Social Science (QSS) at Dartmouth College. QSS is an interdisciplinary program that integrates modern statistical, computational, and mathematical tools with social science. With an emphasis on tackling social science questions, relevant fields include applied mathematics, statistics, demography, economics, geography, political science, sociology, and related disciplines. Applicants should have a strong methodological background and be able to (1) conduct research using either machine learning techniques or advanced statistical methods with a focus on social science applications and (2) teach these methods primarily at the undergraduate level and competently at the postgraduate level as needed. Keen interest in mentoring of undergraduates is a must, along with a demonstrated interest in encouraging students of all backgrounds and disciplinary interests. The person in this position will be expected to foster cross-disciplinary connections at Dartmouth around modern research methods. Qualified candidates should have a Ph.D. (or be ABD with degree expected by appointment date) in a relevant discipline, such as Applied Mathematics, Statistics, Demography, Economics,

Education, Geography, Political Science, or Sociology, among others. For a complete position description, visit <https://apply.interfolio.com/130125>. Review of applications will begin on October 14, 2023, and continue until the position is filled.