The K-State Globe

Department of Geography and Geospatial Sciences, Kansas State University

26 September 2022

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Departmental Event

Weekly Geography Faculty Coffee Hour: 28 September and 5 October at the Students Union, 8:15 am.

Publications

Yang, X., O'Reilly, C.M., Gardner, J.R., Ross, M.R.V., Topp, S.N., **Wang, J.**, and Pavelsky, T.M., 2022. The color of Earth's lakes. Geophysical Research Letters, 49(18), e2022GL098925, doi:10.1029/2022GL098925. Associated AGU press release: "Climate change is making lakes less blue", https://news.agu.org/press-release/climate-change-is-making-lakes-less-blue, Sep.22, 2022.

Song, C., Fan, C., Zhu, J., **Wang, J.**, Sheng, Y., Liu, K., Chen, T., Zhan, P., Luo, S., Yuan, C., and Ke, L., 2022. A comprehensive geospatial database of nearly 100,000 reservoirs in China. Earth System Science Data, 14, 4017-4034, doi:10.5194/essd-14-4017-2022.

Stimers, M., and **B.K. Paul**. 2022. Visualizing the May 22, 2011, Joplin, Missouri, Tornado path using building permits. *Natural Hazards.* https://doi.org/10.1007/s11069-022-05602-6.

Presentation

Wang, J., Sikder, S., George, H.A., Sheng, Y., Yamazaki, D., Cretaux, J.-F., Pavelsky, T., 2022. Improved global lake hydrography for limnology and SWOT. CY-Water Conference, August, 24-28, 2022 (invited).

Students Opportunities

K-State College of Arts & Sciences Glenda Garrelts Mattes & Donald A. Mattes Wander Grant: International Travel Award to undergraduate students for travel in 2022-2023. The Grant provides $4000 to students interested in exploring internationally and independently, without a structured study abroad experience. The recipients of this award will be thoughtful students who are willing to travel independently or in a small group & who will make an effort to get to know the country & its culture through personal contact with local people. Eligibility Requirements: Students must correspond to the following criteria-- • Undergraduate students enrolled in the College of Arts & Sciences • Students who have never traveled outside of the US & may not have the financial means to travel without this award. Preference will be given to students who, without this award, would not otherwise consider going abroad. • The intention of the donor is for the funds to be used for students to explore internationally, not to participate in a study abroad experience. Application Process: Students should email Dr. Melinda Cro, Assistant Dean of Students (macro@ksu.edu), a written essay on why the student wants to travel

abroad (300 words) by Friday, September 30 at noon. Dr. Cro will interview finalists being considered to make a final selection.

Geospatial Consulting Group International (geocgi), LLC is looking to hire several GIS professionals in the Kansas City metro area. Here are the positions we are looking to staff.

1. Imagery Analyst BA or equivalent, 3+ years of experience
2. GIS Analyst BA or equivalent, ArcGIS Enterprise administration including, Portal for ArcGIS or ArcGIS Online
3. GIS Developer 3+ years of experience, ArcGIS API for JavaScript or other JavaScript mapping APIs, developing applications using ArcPy, ArcGIS API in Python or C#
4. Enterprise GDB Engineer 5+ years of experience creating configurable apps with ArcGIS Enterprise, Portal for ArcGIS/ArcGIS Online

Please contact: Adam Campbell, Director of Operations, www.geocgi.com. acampbell@geocgi.com.

Job Opportunities

The Departments of Geography and Women's and Gender Studies at **the University of New Hampshire** invite applications for a joint tenure-track Assistant Professor appointment to start in fall 2023. Candidates should have expertise in feminist geographies from an African American/Africana, Indigenous, Latinx/Chicanx, Asian American, or transnational perspective. Specialization is open but might include environmental justice, public health, or urbanism and planning. Applicants should hold a doctoral degree in Geography, Women's and Gender Studies, or a closely related field. The candidate should demonstrate an interest in interdisciplinary research collaboration, be committed to diversity and social justice in research and teaching, and show promise of scholarly excellence as well as enthusiasm for undergraduate teaching. The teaching load is 2:2 with the possibility to recruit graduate students through interdisciplinary degree programs. Candidates should have expertise in feminist geographies from an African American/Africana, Indigenous, Latinx/Chicanx, Asian American, or transnational perspective. Applicants should hold a doctoral degree in Geography, Women's and Gender Studies, or a closely related field. If using Interfolio to submit letters of reference, please follow the special instructions at this link: https://pa-hrsuite-production.s3.amazonaws.com/2729/docs/126635.pdf
Instructions for reference providers can be access at: https://support.interfolio.com/m/29600/l/266335-submit-a-letter-of-recommendation-to-interfolio. For more information and to apply, visit https://jobs.usnh.edu/postings/50840

The Department of History, Sociology, Geography and Legal Studies at **The University of Tampa** invites applications for a tenure-track position in Geography at the Assistant Professor level beginning in August 2023. Tenure-track faculty at The University of Tampa teach 24 credits per academic year, typically distributed as three 4-credit courses per semester (12 credits). Tenure-track faculty are required to maintain an active research agenda, and provide a commensurate amount of service at the department and university level. Review of candidates will begin on November 15, 2022.
The department is seeking a geographer who can teach a broad range of courses. A PhD in Geography is required by the time of appointment. Field of specialization is open, but preference will be shown to candidates who can teach GIS (Geographic Information System). Candidates must demonstrate teaching promise. For further details, and to apply, please visit our website at ut.edu/jobs. Applicants should be prepared to attach a curriculum vitae, cover letter, scholarly writing sample and name/contact information of three professional references.

The Department of Geography at **Oklahoma State University** seeks a broadly trained Human-Environment Geographer specializing in geographies of food and agriculture for a tenure-track Assistant Professor position beginning in August 2023. The ideal candidate will have related expertise in topics such as food security, famine, climate risk, vulnerability, resilience, hazards, GIS, remote sensing, and/or participatory or citizen science. The department is opened to diverse methods (quantitative, qualitative, and mixed). Successful candidate is expected to develop and maintain an externally funded research program that supports OSU's land grant mission. The Department places a high value on transdisciplinary and community engaged scholarship. Opportunities exist for collaborative research within the Department and through campus initiatives focused on OneHealth, sustainable energy, agricultural innovation, and unmanned aerial systems, among others. The department seeks candidates who can create inclusive learning environments for increasingly diverse student population. A commitment to active pedagogy, student success, and excellence in teaching from the lower-division to graduate level is essential. Possible courses may include introductory geography courses, Food Geographies, International Resource Management, Citizen Science, as well as a seminar related to the candidate's area of specialization. The willingness and ability to teach both in-person and online is preferred. The position also entails service at the department, college, and university level. A PhD in Geography or a related field is expected at the time of appointment. Applicants must submit the following materials: (1) letter of application describing their research and teaching experience and interest in the position, (2) curriculum vitae, (3) statement of research agenda, (4) statement of teaching philosophy, (5) statement on DEI, and (6) contact information for three professional references. Candidates are encouraged to include evidence of teaching effectiveness such as sample syllabi and/or course evaluations. Review of applications will begin on October 15, 2022, however applications will be accepted until the position is filled. The position is contingent upon available funding. Further information is available on the department website: http://www.geog.okstate.edu. Any questions may be directed to Dr. Reuel Hanks, Search Committee Chair, reuel.hanks@okstate.edu. Apply: http://apply.interfolio.com/114226.

The Liberal Studies Department at **California State Polytechnic University**, Pomona invites applications for a tenure-track position at the assistant professor level specializing in Climate Justice, Environmental Justice, and/or Critical Studies in Public Health. Applicants who possess demonstrated interdisciplinary training and expertise in the natural sciences (e.g., biology, chemistry, climate science, environmental science, geosciences, mathematics, physics), and a demonstrated commitment to anti-racism, social, ecological, and environmental justice are particularly encouraged to apply. Candidates must possess a doctoral degree in a humanities, social science, or natural science discipline or a related interdisciplinary area that includes substantial natural science coursework focused on the Climate Justice, Environmental Justice, and/or Critical Studies in Public Health. A successful candidate must demonstrate a proven ability or potential for teaching integrative courses strong in critical thinking and academic writing at a college level, and evidence of scholarly work. Please see Full Position description and how to APPLY by using the provided link: https://careers.pageuppeople.com/873/po/en-us/job/519241/liberal-studies-environmental-and-health-justice-assistant-professor

The Department of Environment and Society (qcnr.usu.edu/envs) at **Utah State University** (USU) invites applications for the faculty position, Tenure-Track Assistant Professor in Geospatial Science of Environment and Society. This nine-month position is based at the USU main campus in Logan, UT, and the relative emphasis for the position is 50% research, 40% teaching/advising, and 10% service. The successful candidate will direct a geospatial research program that builds on a strong background in geographic information science (GIS), human-environment interactions, data science, and the analysis of spatial data. Teaching at the undergraduate and graduate levels includes up to three courses per

academic year and will focus on intro or advanced GIS and geospatial analytics but may also include courses in other areas of the department's degree programs. Review of applications begins November 14, 2022. For further information contact Dr. Jordan W. Smith, Search Committee Chair, at jordan.smith@usu.edu. Apply via the Utah State University Human Resources website (https://jobs.usu.edu, and see position posting here).

Geography Department at Miami University, Oxford, OH seeks Assistant Professor (tenure track) to teach/in Geography; maintain an active (externally-funded) research agenda; advise students; and provide service to the institution. The Assistant Professor will teach and conduct research related to physical geography and sustainable environments. Competitive applicants will utilize interdisciplinary perspectives, linking natural and social sciences, to understand and address today's most complex environmental problems. This position will contribute to building on the department's sustainability praxes. Possible areas of expertise include, but are not limited to: climate change, mitigation, and resilience; natural resources, conservation, and equity; environmental policy and planning; and/or ecosystems services. This role will teach introductory physical geography, intermediate courses on conservation, and advanced courses on sustainable environments (e.g. ecodiversity, climate justice, geospatial applications, or other areas of expertise); initiate and maintain an active and original nationally-recognized research agenda; and connect these to effective service. Appointment begins August 14, 2023. Miami University offers BA degrees in Geography and Sustainable Development and Urban and Regional Planning, GISci certificates, and an MA in Geography. Submit cover letter, curriculum vitae, statement of research plans, statement of teaching philosophy, evidence of teaching effectiveness, and a 1-page statement addressing past and/or potential contributions to advancing diversity, equity, and inclusion through research, teaching, and/or service too https://jobs.miamioh.edu/cw/en-us/job/500767/assistant-professor. Department will request letters of recommendation from references listed in application. Inquiries may be directed to Marcia England at englanmr@miamioh.edu. Screening of applications will begin on September 23, 2022 and will continue until the position is filled.

Part-time Senior Tutor in various Physical Geography courses are needed to tutor students at **Johnson County Community College**, Overland Park, Kansas. Other responsibilities include referring students to appropriate resources, assist students with computer software necessary for the courses, help with the basic math skills to solve problems in these courses and other duties as requested by the supervisor. Tutor students in physical geography - help students understand concepts in physical geography by relating the course material to what they already know, using real life examples and reviewing the math skills required; refer & aid students in proper use of resources- provide assistance to look up reliable information online as well as in textbooks; assist in daily activities of the center- provide assistance in checking out books, abide by the policies of the center, respect diversity among students and other tutors; follow good work ethics- exhibit good work ethics by being reliable and dedicated. Minimum requirements are one year of tutoring experience, familiar with laboratory techniques, weather data and weather map interpretation, and topographic map interpretation. If you are an applicant requesting assistance or a reasonable accommodation in the application process, please contact the Office of Human Resources at 913-469-3877, or email JobsAtJCCC@jccc.edu. To apply, please visit: https://careers.jccc.edu/en-us/job/494961/senior-tutor-geology-physical-geography-science-resource-center

The Department of Geography at **San Diego State University** (SDSU) invites applications for a tenure-track Assistant Professor with expertise in the areas of urban and environmental health. The department is specifically looking for candidates whose research addresses the interconnected global crises of environmental degradation, climate change, migration, and racial and social inequalities and examines their relationships to individual, community, or population health in urban contexts. Please see the detailed job description and application instructions here: apply.interfolio.com/112170. Candidates must have a PhD degree in Geography or a related field, demonstrated research focus on environmental health geography in urban contexts, and a commitment to working with diverse groups through research, teaching, mentoring, and service. The successful

candidate will share our broad understanding of health as physical, mental, emotional, and social well-being influenced by place and space. Preference will be given to candidates with experience in mixed and/or qualitative methods. Demonstrated excellence in teaching, scholarship and commitment to extramural funded research activity is required. The hire will contribute to undergraduate, master, and doctoral programs in Geography and one or more affiliated interdisciplinary undergraduate programs in sustainability, urban studies, and food studies.

Applications should include: (1) an application letter describing research and teaching interests; (2) a curriculum vitae listing publications, presentations, teaching and mentoring experience, and past, current and pending funding; (3) a diversity statement describing the applicant's commitment to promoting diversity, equity, and inclusion in academia through meeting BIE criteria; (4) a research writing sample; and (5) the names and contact information of three references. Materials should be submitted on Interfolio. Applications received by November 1, 2022 will receive full consideration, but the position will remain open until filled.

The Department of Geography at **Memorial University of Newfoundland, St. John's, Canada**, invites applications for a permanent, tenure track, Assistant Professor position in Geographic Information Systems and Geospatial Analysis (GIS), subject to budgetary approval. The position will commence on July 1, 2023 on the St. John's campus. Candidates must hold a PhD in a relevant discipline and be fluent in the theory and practice of quantitative GIS at the core of their research and teaching, and our ideal candidate will be engaged in one or more of the following areas of application: environment, physical geography, and/or coupled human-environment systems. Candidates must have a demonstrated record of excellence in research and teaching and be able to communicate effectively as an undergraduate and graduate teacher and mentor. The successful candidate will be expected to teach core courses in GIS and will have the opportunity to collaboratively revitalize our GISciences program. Candidates will be able to demonstrate excellence in teaching topics such as spatial analysis, data science, spatial data, Python scripting in GIS, data visualization, and web-based mapping. The Department of Geography highly values collaboration in research and mentorship, and encourages applicants who will build on existing departmental areas of expertise in climate change, biogeography, biodiversity conservation, anticolonial research methods, urban planning and geography, fisheries geographies, waste and discard studies, Arctic communities and ecosystems, and marine science. The successful candidate will work with full-time staff GIS/RS/IT Specialist.

The Department of Geography at **Sacramento State** seeks a broadly-trained human geographer with teaching and research expertise in the field of political ecology to start in Fall 2023. The specific area of focus within political ecology is open. Areas that could meet the department's needs include, but are not limited to: urban political ecology, energy, climate and environmental justice, and health. The successful candidate will demonstrate a commitment to incorporating diverse approaches and perspectives into their teaching. All regional areas of expertise will be considered, however candidates with expertise in Latin America will be given preference. A PhD is required, although ABDs will be considered if the PhD is complete by August 2023. Review of applications begins October 9. A full description, list of qualifications, and to submit an application visit the CSUS careers page: careers.csus.edu/en-us/job/518129/... Applications will only be accepted through the site linked above.

The Department of Geography and Environmental Systems at the **University of Maryland Baltimore County** (UMBC) invites applications from scholars in human geography or related disciplines pursuing a research agenda in Environmental Justice (EJ), broadly defined. The department wishes to hire a colleague whose scholarship and teaching seeks to foster transformation toward a more just society and involves meaningful partnership with community-based organizations. The department values diverse lived experiences that inform research, teaching, and mentoring. While it welcomes candidates from a range of specializations and methodologies, the department especially encourage candidates whose

scholarly work critically engages with diverse ways of understanding environmental problems. This could include approaches from, but not limited to, Black geographies or ecologies, Indigenous knowledge or science, Latinx geographies, decolonial perspectives, public science, or Queer ecologies. Furthermore, the department welcomes scholars who examine the intersection of environmental justice with multiple dimensions of oppression, possibility/resistance, and environmental processes. This could encompass a wide range of topics, including but not limited to: racial capitalism, environmental racism, militarization, settler colonialism, climate justice, food sovereignty, abolition geographies, land-back movements, air quality, water access, open space, or community-based stewardship. The successful candidate is expected to develop an externally-funded research program while teaching a combination of introductory human geography courses and advanced courses (at the undergraduate and graduate levels) in their area of specialty. The average teaching load is two courses per semester. This is a tenure-track position at the Assistant Professor rank and will begin in August 2023. At minimum, candidates will hold a PhD at the time of appointment. Initial evaluation of applications will be based on the following criteria: research productivity in the areas described above commensurate with time as a professional; teaching experience; demonstrated commitment to equity, diversity, and inclusion in scholarship, teaching, and service; and potential for future success in research and teaching, including potential as a mentor for undergraduate and graduate students. Applications should be sent to apply.interfolio.com/112319 and should include: 1) cover letter with a description of qualifications and fit with the department and university; 2) a statement of commitment to equity, diversity, and inclusion in research, teaching, and service; 3) a statement of research and teaching; 4) your *Curriculum vitae*; and 5) names and contact information of three references. Questions can be directed to HGsearch@umbc.edu. Formal review of applications will begin on October 15, 2022 and will continue until the position is filled.

The Department of Geography at **the University of Connecticut** seeks a tenure-track faculty in Social Aspects of Ethnic and Racial Health Disparities as part of a cluster hire of six tenure-track faculty positions in the College of Liberal Arts and Sciences starting in August 2023. For Geography, the department seeks a colleague who can holistically investigate health inequities resulting from geographic inequities including but not limited to epidemics, environmental exposure, climate change, urban development, transportation, food insecurity, and migration. The ideal candidate's research and teaching should focus on investigating the relationships and the key causal pathways between patterns of health inequities, risk factors resulting from human-environment interactions, and relevant structural and systemic drivers of disparities across spatial scales. For full advertisement and to apply, please visit: geography.uconn.edu/news/...

The review of applications begins on October 15th. Contact search chair, Debs Ghosh, at debarchana.ghosh@uconn.edu for any questions and clarifications.

University of Illinois at Urbana-Champaign, IL: The Department of Geography and Geographic Information Science (GGIS), in the College of Liberal Arts and Sciences, invites applications and nominations for a full-time 9-month tenure-track Assistant Professor or Associate Professor in Physical Geography with research and teaching experience in Human-Environment Interaction and Geospatial Data Science. The department seeks applications from individuals with expertise in human interaction with Earth surface systems, the intersection between scientific knowledge about Earth surface systems and public policy, and geospatial data science approaches to understanding Earth surface systems, including human interaction with these systems. The ideal candidate is expected to conduct theoretical and empirical work in Physical Geography with a particular focus on Human-Environment Interaction and Geospatial Data Science. Methodological expertise in geospatial data science is interpreted broadly and includes areas such as geographic information science and systems (GIS), cyberGIS, geospatial artificial intelligence, remote sensing, and/or spatial analysis and modeling. Teaching responsibilities include introductory and advanced undergraduate courses on physical geography, geospatial data science, and graduate seminars. Applicants must have completed all requirements of a Ph.D. in geography, GIS, or a related field by mid-June for a preferred start date of August 16, 2023. Evidence of an active research agenda, solid teaching experience, and effective interpersonal and communication

skills are required. Candidates who have demonstrated a commitment to working with women and underrepresented minority students or faculty through teaching, mentoring, or administration are especially encouraged to apply. To apply, please create or log into your candidate profile at https://jobs.illinois.edu and upload the required application materials: Letter of application, CV, Representative publication, Statement of teaching and research interests, Statement of commitment to equity, inclusivity and diversity, and Evidence of teaching effectiveness. An email request for contact information for three professional references will be sent to you 1-2 business days after your application is submitted. Once the contact information for the references is uploaded into the system, their letters will be invited. Only applications submitted through the University of Illinois Job Board will be considered. To ensure full consideration, all required application materials must be submitted by October 3, 2022. For further information regarding application procedures or to submit nominations, you may contact the Search Committee at brodsr@illinois.edu.

Announcement

The Association of Pacific Coast Geographers will be meeting in Bellingham, WA, 6-8 October 2022. Lisa Harrington will be working with the organizer to have one or more rural sessions--please contact her if interested: lbutlerh@ksu.edu.

If you've never been to Bellingham, it's a great location--on the coast, between the San Juan Islands and the Cascade Mountains, and not too far south of British Columbia. The conference website is at APCG's 84th Annual Meeting: Oct 6-8 2022, Western Washington University in Bellingham, WA.

Please contact Bimal Paul (bkp@ksu.edu) with K-State Globe item.