**Departmental Events**

**Faculty Meeting:** 11 September from 3:00 to 4:30 pm via Zoom.

**Weekly Geography Faculty Coffee Hour:** 2 and 9 September, 8:15 am via Zoom.

**Publication**


**Job Opportunities**

**Colorado College, Colorado Spring, Colorado**, is hiring a tenure track assistant professor of environmental science to join the college's interdisciplinary Environmental Studies Program beginning in August 2021. The position requires expertise in global environmental change, especially in human dimensions of global change or land-use/land-cover science research with an emphasis on geospatial approaches to scholarly questions (including remote sensing, GIS, and/or spatial analytical techniques). The college seeks a colleague with the ability to engage in interdisciplinary approaches to environmental questions. The successful candidate will be able to teach Introduction to Global Climate Change, courses in their areas of specialty including environmental geospatial methods, and other advanced courses. The ideal candidate will also understand the broad demands and opportunities available at a liberal arts college and in our interdisciplinary Environmental Studies program. Applicants should describe the ways in which they can contribute to these goals in their cover letter. One distinguishing feature of Colorado College is its Block Plan, in which professors teach, and students take, one course at a time. Each block is three and a half weeks long, and professors teach six of the eight blocks in an academic year. Applicants must be committed to high quality, innovative undergraduate teaching. The Block Plan lends itself to field and project-based teaching, and funds and logistical support for such projects are available through the college and through the Environmental Studies program. Preferred Qualifications: Ph.D. in a related field (e.g. Geography, Ecology, Environmental Science/Studies, Forestry, Natural Resources) is required by the start of employment. Experience in global environmental change with a geospatial technology perspective, teaching experience, and experience working with undergraduate researchers is preferred. Minimum Qualifications: Ph.D. in a related field (e.g. Geography, Ecology, Environmental Science/Studies, Forestry, Natural Resources) by the start of employment. Applicants should submit: 1) a cover letter, 2) a
University of Idaho, Moscow, Idaho, seeks a Postdoc in Scenario Modeling who will contribute to the NSF-EPSCoR GEM3 program (www.idahogem3.org/) aimed at understanding how genetic diversity and phenotypic plasticity affect species response to environmental change, shaping both population response and adaptive capacity. Two focal taxa are under study: one aquatic (redband trout, a subspecies of rainbow trout) and one terrestrial (sagebrush). These taxa are integral to ecosystems in the American West and central to land-use management decisions that drive the regional economy. The selected candidate will model watershed scale, stream flow and temperature as it relates to modeling future scenarios related to land use and climate. The successful individual will be integrated into the Institute for Modeling Collaboration and Innovation (www.imciuidaho.org/), working collaboratively with a statewide team of researchers.

Minimum Qualifications include: 1) Ph.D. by the time of appointment in geography, geospatial modeling, geospatial sciences, landscape architecture, or a related discipline; 2) experience with scenario modeling demonstrated by publications in the field; 3) strong quantitative skills; 4) ability to work as part of a multi-disciplinary team; and 5) evidence of strong written and oral communication skills. Preferred Qualifications include: a) experience with climate modeling, hydrological modeling, physically-based modeling, stream temperature modeling and/or computer programing are desirable. b) experience with multi-agent scenario-based modeling software, and c) experience with stakeholder engagement is desirable. The position is open until filled. Please upload at least one PDF of a publication or submitted manuscript in the Other Document 1 field. Should you wish to upload more, you may do so in the additional optional Other Document fields. To apply, please visit: jobs.uidaho.edu.

The City of Columbia, Missouri has a current GIS Supervisor opening - details can be found here: https://www.gocomojobs.com/postings/22269. The posting closes on Tuesday, Sept. 1, and is cross-posted on gjc.org.

The Swarthmore College program in Environmental Studies invites applications for an open-rank tenure-track position in Environmental Humanities with a focus on Native American and Indigenous Studies (NAIS). Teaching load is 2/2. This position will start in August 2021. Swarthmore’s Environmental Studies Program brings together teacher-scholars from the humanities, the social sciences, and the natural sciences and engineering to address the complex social and environmental issues of our time. Faculty have opportunities to participate in and contribute to the program’s engaged scholarship initiatives including the College’s Lang Center for Civic and Social Responsibility, the President’s Sustainability Research Fellowship, annual delegations as NGO observers to the United Nations Climate Change Conference, and a new program collaborating with University of Hawaii’s Office of Indigenous Innovation and MA’O Organic Farms. Additionally, Environmental Studies faculty and students have ongoing partnerships with communities and organizations in nearby Philadelphia and Chester City. The successful candidate will contribute to teaching the program’s two core courses and will offer courses in their own area of expertise. In addition, new faculty have the opportunity to help build the College’s Environmental Studies Program in line with their own interests. The ideal candidate will demonstrate a commitment to creative teaching and an active research program that speaks to and motivates undergraduates from diverse backgrounds. Swarthmore College actively seeks and welcomes
applications from candidates with exceptional qualifications, particularly those with demonstrable commitments to a more inclusive society and world. The successful candidate will, by August 2021, have completed a Ph.D. in Environmental Studies or an MFA/Ph.D. in a humanities discipline or interdisciplinary field related to Indigenous studies and the environment.

**California State University, Long Beach**, seeks tenure-track Assistant Professor of Geography with research specialization in Remote Sensing of the Environment. Teaching responsibilities include courses at both lower and upper division in geography and environmental science and policy programs, and at the graduate level in both Masters of Arts and Master of Science in Geographic Information Science degree programs. Teaching assignments may include classes in remote sensing, digital image processing, multi-variate and spatial statistics general education courses in natural science or other specialty courses in the candidate’s area of expertise. The successful candidate is expected to engage undergraduate and graduate students in scholarly activities and will be encouraged to develop an extramurally funded research program. The applicant is expected to produce scholarly publications, assist in curriculum development, advise students, serve on department, college, and university committees, and engage in professional activities. The department seeks candidates who can contribute to the diversity and excellence of the academic community and are committed to teaching in an inclusive environment.

Required Qualifications include: Ph.D. in Geography or related field with specialization in remote sensing of the environment. Degree at time of application or official notification of completion of the doctoral degree by August 1, 2021. Demonstrated or potential ability for effective teaching in Geography undergraduate and graduate-level courses. Demonstrated or potential ability to generate funding for applied research and student support. Demonstrated commitment to working successfully with a diverse student population. Preferred Qualifications include: Expertise in spatial statistical applications, applied experience and research using Unoccupied Aerial Vehicles (UAVs); Specialization also in one or more of the following areas: imagery acquisition and processing, object based image analysis; Successful grant-seeking record with established ties to research institutions, industry or government agencies. For a full position description please refer to: https://academicjobsonline.org/ajo/jobs/16341

**The Department of Geosciences at Georgia State University, Atlanta** seeks a permanent, non-tenure-track Lecturer position, pending budgetary approval, in physical geography or a related field to teach introductory physical geography and/or GIS courses and to participate in the department’s initiative to develop high-quality on-line course modules. The selected candidate will be responsible for teaching undergraduate courses in introductory physical geography (i.e. Into Weather and Climate, and Into to Landforms) and GIS courses and upper-level courses in the applicant's area of expertise a diverse group of students as well as participating in service activities at the department, college, and university levels.

Essential Qualifications includes Ph.D. at time of hire (anticipated date of January 1 2021). Preferred Qualifications are: Experience teaching introductory physical geography and GIS courses, a record of mentoring students of diverse backgrounds, experience developing on-line courses and/or lab exercises, ability to work effectively in a collaborative setting, and experience lecturing large, introductory courses. To be considered for the position, applicants must electronically submit a letter of application that details how the essential and preferred qualifications are met, a curriculum vitae, a brief statement of teaching interests, a statement of working with diverse group of students, and a list of at
least three professional references (name, title, email address, and telephone number) who are willing to provide letters of reference. The application materials must be submitted to Dr. Larry Kiage (Search Committee Chair) at geosjobsearch@gsu.edu. Review of applications will begin immediately and continue until the position is filled. To ensure consideration, please submit all electronic materials by 15 September 2020. Should you be recommended for the position, an offer of employment will be conditional on background verification.

The University of Notre Dame’s Keough School of Global Affairs invites applications for a tenured/tenure-track position in climate change, environment and peace studies, based at the Kroc Institute for International Peace Studies (https://kroc.nd.edu/). Rank is open though preference would be given to junior and mid-career candidates. The disciplinary and regional specialization for the position is open. While the primary appointment is at the Keough School, the successful candidate could also have an affiliation with another School or College at the University of Notre Dame. The School welcomes candidates working on one or more of the following themes: conflict resolution as it relates to the environment, natural resources and climate change, environmental justice and social transformation, and violence induced by climate change and environmental degradation. The successful applicant is expected to play a leading role in the Kroc Institute's plans for developing a research and teaching focus on climate change and environment as they relate to conflict and peace. They would be part of a growing community of scholars within the Keough School (https://keough.nd.edu) working on environmental policy in a global context. The School encourages applications from scholars who can engage in interdisciplinary research and teaching, thereby contributing to the integrative mission of the Keough School. The School particularly welcomes scholars whose research has direct relevance to the peacebuilding practice and policy. To apply, visit https://apply.interfolio.com/77628. This appointment is contingent upon the successful completion of a background check. Applicants will be asked to identify all felony convictions and/or pending felony charges. Felony convictions do not automatically bar an individual from employment. Each case will be examined separately to determine the appropriateness of employment in the particular position. Failure to be forthcoming or dishonesty with respect to felony disclosures can result in the disqualification of a candidate. The full procedure can be viewed at: https://facultyhandbook.nd.edu/?id=link-73597.

Department of Geography and Environmental Studies (Human Geography) at Carleton University, Ottawa, Canada seeks applications for a tenure-track Assistant Professor position. Special consideration will be given to applicants who increase departmental faculty diversity and those with a demonstrated commitment to recruiting and mentoring students from underrepresented groups. Candidates should explain how their work will add to or extend departmental expertise and contribute to the programs. Research and/or teaching that addresses changing environments will be viewed as an asset, although this is by no means required; applicants who can enhance Human Geography program and associated programs, particularly Northern Studies and/or Environmental Studies, will be given special consideration. Across topic areas, the department is especially interested in candidates who do community-engaged field research and grapple seriously with its ethical, epistemological, and/or methodological dimensions, and those who employ creative pedagogies and/or heterodox theoretical frameworks, such as feminist, decolonial, non-Western, or Indigenous approaches, among others. The department welcomes applicants with unconventional intellectual trajectories and interdisciplinary training that would enrich the department and its Human Geography offerings. Applicants must: hold a PhD in Geography or related discipline by the appointment start; demonstrate dedication to excellent, engaging, and innovative teaching and research; and show commitment to developing a robust program
of research and scholarship in their areas of study, along with building capacity to attract, support, and mentor graduate students in Human Geography. The successful applicant will be equipped to contribute to teaching in Human Geography and related programs as relevant, and to other department’s teaching, research, and service areas as appropriate. Applicants should consult department’s website for details on current research activities and courses, and Carleton websites on strategic planning and strategic priorities.

Applications must include the following, electronically in one PDF file: 1) cover letter (include declaration if the applicants are a citizen or permanent resident of Canada); 2) curriculum vitae; 3) teaching portfolio including relevant experience, evidence of teaching innovation and performance, and pedagogical approaches to teaching; 4) statement on contributions to advancing diversity, equity, and inclusion (for tips on writing this, see resources such as https://ofew.berkeley.edu/guidelines-applicants-writing-statements); 5) summary statement of research interests and experience; 6) up to three research publication reprints; and 7) contact details for three referees. Please submit application by email. Hard copy submissions will not be considered. Questions may be directed to the Chair, Scott Mitchell. Applicants selected for an interview are asked to contact the Chair as soon as possible to discuss any accommodation requirements. Arrangements will be made in a timely manner. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. All positions are subject to budgetary approval. The official job advertisement is at: https://carleton.ca/provost/2020/assistant-professor-geography-and-environmental-studies-human-geography/.

The Wyoming Geographic Information Science Center (WyGISC) at the University of Wyoming (UW), Laramie, Wyoming invites applications for a tenure track faculty position in remote sensing and geospatial image processing with an anticipated start date of August 2021. The successful candidate will contribute to teaching new undergraduate and graduate degrees and certificates in geospatial information science and technology (GIS&T) and growing interdisciplinary research program in the geospatial sciences at WyGISC. Responsibilities will include a 50% teaching expectation (equivalent to two courses per semester on average) in remote sensing and UAS. The candidate will also be expected to develop nationally recognized research program in applied remote sensing, UAS, and digital image processing at WyGISC and in collaboration with UW, national or international colleagues. Only applicants with a PhD in a related field or ABDs who will complete their PhD by time of appointment (August 2021) will be considered. This is a full-time 9-month tenure-track position. Candidates should be demonstrated: 1) aptitude and capability for securing extramural funding for research, 2) aptitude and capability for effective undergraduate and graduate teaching, 3) teaching and/or research experience in UAS remote sensing and photogrammetry, and 4) aptitude and capability for scholarly publication. Desired qualifications include: potential for engaging students with online undergraduate and graduate teaching, experience processing and interpreting a variety of remotely sensed data (e.g., multispectral, hyperspectral, thermal, and lidar) in conventional and cloud-based computing environments (e.g., Google Earth Engine), experience teaching and/or applying photogrammetric principles and processing large-volume UAS and other remotely sensed data, demonstrated vision for interdisciplinary research using remote sensing for applications in ecology, hydrology, wildlife management, energy, agriculture, or other natural-resource-oriented disciplines, and potential to collaborate with other faculty and researchers in a collegial, diverse, and inclusive interdisciplinary atmosphere. This position will remain open until filled.
To be considered in the initial pool of candidates, complete applications must be received no later than September 18, 2020. Complete applications received after this date will only be considered if no viable candidates are identified and hired from the initial pool. To be considered for this position, applicants must complete the online application and upload the following: cover letter, curriculum vitae, statement of research, statement of teaching, statement of contribution to diversity, and contact information for three references.

**HARC (the Houston Advanced Research Center), Woodland, Texas**, is seeking a Geospatial Analyst in its Department of Geospatial & Analytics. HARC’s research focuses on clean air, clean water, and clean energy. The candidate is responsible for performing applied research and technology development utilizing Geographic Information Systems (GIS), analytics, and related science and technology. Must have ability to plan assignments and manage time efficiently across multiple projects and complete deliverables on-time and on budget. Ability to work as part of multidisciplinary teams and collaborate with other team members having diverse backgrounds and abilities. The position requires a Master’s degree in Geography, GIS, or related disciplines with a minimum of 2-4 years’ experience working with GIS, cartography, spatial data, and ESRI geospatial platforms; or Bachelor’s degree in Geography, GIS, or related disciplines with a minimum of 4-6 years’ experience working with GIS, cartography, spatial data, and ESRI geospatial platforms. Analyst or Sr. Analyst designation is commensurate with experience and will be determined based on candidates. Required qualifications include:

- Geospatial data analysis using a variety of vector and raster datasets including but not limited to U.S. Census, environmental data, climate data, land use/land cover, aerial imagery, and LiDAR,
- Experience with cartographic theory and cartographic best practices to generate web-based maps as part of HARC online analytical and story map tools. Must present a portfolio of cartographic body of work as part of interview process. Cartography can be static or web-based interactive maps. Ability to demonstrate the communication of complex data to a non-technical audience is critical to the success of this position. All work must be your own and not the result of group or team projects,
- Experienced with raster-based land use land cover data development and change detection using data such as USGS NLCD and NOAA C-CAP Land Cover databases,
- Experienced in spatial analysis with various forms of raster data and modeling,
- Experience with ESRI ArcGIS Desktop, ArcGIS Pro, and ArcGIS Online to create configurable web maps, apps, and story maps using existing layers. Customer programming is not a requirement.
- Ability to write, debug, and deploy Python or other scripting languages to automate geospatial workflows,
- Experience with developing geoprocessing models and tools using ESRI Model Builder,
- Understanding of spatial databases and spatial data development concepts such as projection, versioning, geostatistical analysis, metadata, and quality control,
- Experience with Microsoft Office suite including Word, Excel, PowerPoint, and Access,
- The ability to perform in a team environment and manage multiple assignments concurrently, and
- Excellent written, oral, and interpersonal communication skills.

Please refer to the company's website or job descriptions to learn more about them.

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