Departmental & Campus Events

**Geography Colloquium:** J.J. (Jetse) Stoorvogel, “Unravelling Global Soil Resources in Space and Time.” 19 October (Friday) at 3:00 pm, Big 12 Room (Union).

**Dissertation Proposal Presentation:** Fangfang Yao, “Global Assessment of Recent Water Storage Changes in Lakes and Reservoirs Using Multiple Satellite Missions.” 26 October (Friday) at 3:30 pm, Seaton 1019

**Weekly Geography Faculty Coffee Hour:** 17 and 24 October, 8:15 am, K-State Student Union.

Recognition

The geography department at Kansas State University hosted the 2018 Annual Meeting of the Great Plains/Rocky Mountain Division of the American Association of Geographers October 5-6. During the conference, several geography undergraduate and graduate students were recognized for excellence in research:

- Jakob Hanschu, first place, undergraduate paper.
- Ricardo Gonzalez, second place, undergraduate poster.
- Abbey Marcotte, second place, graduate poster.
- Barrie Chileen, second place, graduate paper.
- Rebecca Lima Albuquerquem Maranhão, third place, graduate paper.

Presentations

**Smith, J.** Improving Our Cities Through and Understanding of Peoples’ Attachment to Place. An invited public presentation at the Autonomous University of Nuevo Leon in Monterrey, Mexico. October 12, 2018.

Below is a list of presentations at the 2018 Annual Meeting of the Great Plains-Ricky Mountain (GPRM) Division of the Association of American Geographers (AAG) by students, post-docs, visiting researchers, and faculty:

- Fangfang Yao, and **Jida Wang.** Lake Storage Variation on the Endorheic Tibetan Plateau and its Attribution to Climate Change since the New Millennium.

- Meng Ding, and **Jida Wang.** Global Assessment of Surface Water Abundance in Lakes and Reservoirs.
Helder Martins (visiting scholar). The Electricity Sector Evolution in Brazil: The Emergence of Bioelectricity.

Abbey Marcotte, and Abigail Langston. Using Structure-from-Motion Photogrammetry and Erosion Pins to Quantify Controls on Bedrock Erosion and Sediment Transport in a Heterogeneously Layered Landscape, Flint Hills, KS.


Ricardo Gonzalez, and Abigail Langston. Quantifying the Effects of Sediment Flux and Water Discharge on Lateral Bedrock Erosion Using Flume Experiments.

John Paul Rogers. The Contemporary Scottish Gaelic Linguistic and Cultural Landscape.

Michael Stumpff, and Arnaud Temme. Locating Suitable Locations to Measure Snow Avalanche Geomorphic Impacts.

Komal Preet Kaur, and Marcellus Caldas. Land Use and Land Cover Changes in the 'Ghost Villages' of Uttarakhand, India.


Jida Wang, Fangfang Yao, and colleagues. Where are Dams and Reservoirs, and How Do They Affect Surface Water Budget?

Jeffrey Smith. Attachment to Vanishing Places.


Rebecca Lima Albuquerque Maranhão, and colleagues. Dynamics of Soybeans and Cattle Production in Brazil.

Jakob Hanschu. A Hidden Past: The Historical Geography of Agricultural Drainage in Iowa.

Marcellus Caldas, Gabriel Granco, and colleague. The Compounding Threat to Brazilian Cerrado Biodiversity: Exploring Land and Climate Change Impacts on Amphibian Habitats.

Gabriel Granco, Marcellus Caldas, and colleague. How Does Place-based Culture Influence on Pro-Environmental Policy Support? An Examination using Agent-based Simulations.


Subarna Chatterjee, Bimal Paul, and Audrey Joslin. Determinants of Human Migration in the Climate Change Affected Indian Sundarbans.

Avantika Ramekar, and Bimal Paul. Kerala Floods: Should India Change its Foreign Aid Policy?

Arnaud Temme. Two Arguments in Favor of Characterizing Additional Proglacial Soil Chronosequences.

W. Marijn van der Meij (visiting scholar), Arnaud Temme, and colleague. Spatiotemporal Patterns of Human-Induced Landscape Change in a German Agricultural Landscape.


Douglas Goodin. Parameterization of the Prospect Leaf Reflectance Model for Tallgrass Prairie.


Student Opportunities

GTU is looking for volunteers to work at the K-State Career Fair on September 18th, 19th, and 20th as a fundraiser. Tasks include registration, set-up, hospitality, etc. Michael Stumpff will send out an email with more details and the sign-up link. Contact him with questions: mike61@ksu.edu.

The AAG Rural Geography Specialty Group is holding a Student Research Award competition this fall. The award recipient will receive $500 to be applied to the registration for the upcoming Quadrennial Meeting of British, American, and Canadian Rural Geographers (July 13-19, 2019 in Vermont, USA, blog.uvm.edu/cemorse-ruralquadrennial2019). The deadline for the submission of the paper is November 1, 2018, the winner will be notified by December 31. Please contact Cheryl Morse, awards director for a Research Proposal Form: cemorse@uvm.edu.

Guidelines: 1) Applicants may be undergraduate or graduate students who are members of the Rural Geography Specialty Group and 2) Students must be attending an American college or university, or must be American residents attending a school abroad. The winning paper will present research that furthers knowledge and understanding of rural issues or processes. The award recipient will be expected to present their work at the Rural Quad meeting.

Funded Graduate Research Assistantships: The Department of Geography at the University of Alabama in Tuscaloosa, Alabama is accepting applications for a fully funded Graduate Research Assistantship at the doctoral (preferred) or masters level beginning in Spring 2019 or Fall 2019. This position will be in direct support of a NSF project "Anticipatory Interdiction of Narco-Trafficking Networks." This project will study how U.S. counterdrug efforts designed to disrupt Central American cocaine trafficking networks influence citizen security in the region and in the U.S. Applications will be considered on a rolling basis until December 15, 2018 for Spring admission, and March 15th, 2019 for Fall admission. Qualified students will have expertise in some or all of the following: GIS and spatial analysis, operations research and optimization modeling, agent-based modeling, spatial statistical modeling, network analysis, or similar computational approaches. Previous experience and proficiency with programming with Matlab, Python, or R is desirable. Interested students should first contact Dr. Nicholas Magliocca (nrmagliocca@ua.edu) with a statement of interest, an unofficial transcript, and GRE scores to assess competitiveness and topical fit with the project.
The 2018 Applied Geography Conference (AGC) Student Poster Competition will be held on Thursday, 1 November from 8:00am – 12:00pm. The AGC Student Paper Competition will be held on Thursday, 1 November in two sessions (10:15am – 12:00pm and 2:00pm – 3:30pm). Additional information can be found at http://www.appgeogconf.org/student-competitions.html.

Job Opportunity

The Department of History, Philosophy and the Social Sciences (HPSS) at the Rhode Island School of Design (RISD) invites applications for a full-time Assistant Professor in Environmental Studies starting in the fall of 2019. The department welcomes candidates whose experience in teaching, scholarship, or service has prepared them to contribute to commitment to diversity and excellence. The ideal candidate has specialty in political ecology, environmental racism and environmental justice, environmental ethics, technology and nature, philosophy of nature, and/or possible expertise in GIS and other forms of mapping. All candidates should demonstrate evidence of quality teaching. The successful candidate will be expected to contribute to the undergraduate Nature-Culture-Sustainability Studies (NCSS) concentration and to the newly developed Nature-Culture-Sustainability Studies Master’s degree. The suitable candidate will have undergraduate teaching experience and a broad background in environmental social sciences and/or humanities. Candidates should have completed a Ph.D. in an appropriate field of the environmental social sciences or humanities (e.g., environmental studies, geography, sociology, philosophy, psychology, or other relevant disciplines) by July 1, 2019. For further details see: https://careers.risd.edu/postings/1963.

The Department of Geography at The Pennsylvania State University, University Park invites applications for a tenure-track faculty position at the rank of Assistant Professor specializing in geographic information science (GIScience). The department is interested in candidates who will strengthen the department’s research and teaching program and help build strong connections to other relevant science communities. Candidates with an emphasis in any area associated with GIScience will be considered. A PhD degree completed before August 1, 2019, is expected. Excellence in teaching, research, and service is expected of professors employed by Penn State Geography, as is development of an externally funded research program. Participation in the department’s online geospatial education programs is also expected. To apply please upload: a letter describing how your interests would integrate with the teaching and research programs within the department, a curriculum vitae, up to four publications, and the names, addresses, and contact information of four potential referees. Applicants should provide evidence, either woven through their application materials, or as a separate diversity statement, of a commitment to fostering diversity, equity, inclusive excellence, and belonging and of engagement which creates an inclusive environment in their department/workplace. Review of applications will begin November 8, 2018, but applications will be accepted until the position is filled. Questions about the position should be directed to the search committee chair: Dr. Alexander Klippel, email klippel@psu.edu. Please do not email documents or completed applications to this address as they will not be considered. Link: psu.jobs/job/83492

The Department of Geographical and Sustainability Sciences (GSS) and the Global Health Studies Program (GHSP) at The University of Iowa invite applications for a tenure-track joint appointment at the rank of assistant professor in the area of global health. The ideal candidate should specialize in chronic or non-infectious health outcomes and employ a geographic lens to understand the complexities of human health. Applicants in the general area of global health may be interested in a variety of specialized research areas. For example, the successful candidate might conduct research in such topics as: 1) Health impacts of environmental pollutants, 2) Spatial patterns and processes of legal and illegal drug use, 3) Geographical variation in predictors of cancer, 4) Application of informatics to large healthcare datasets, 5) Geographies of aging, 6) Spatial inequities in healthcare access, 7) Social determinants of chronic disease (obesity, cardiovascular disease, stroke), and 8) Designing healthy and sustainable cities. Successful candidates are expected to conduct cutting-edge research and work effectively in interdisciplinary teams that address significant real-world problems, playing a part in the
GSS department’s and GHSP’s active role in collaborative research across campus. The successful candidate will also contribute to a broad-based geographic and global health curriculum through introductory to graduate level courses that fulfill requirements for degrees in global health, geography and related fields.

This appointment will begin August 21, 2019. Applicants must have a Ph.D. in geography or a related discipline in-hand by that date. Applicants should show promise for gaining external funding. A proven record of research and teaching excellence is expected as is the ability to complement existing GSS departmental strengths (e.g., infectious disease geography, resilience, vulnerability, sustainability, geographic information science) and GHSP strengths (political economy, gender & sexuality, histories of health). For further information, please see the web page describing this position at jobs.uiowa.edu/jobSearch/faculty, requisition #73402. Screening of applications begins November 1, 2018 and will continue until the position is filled. Direct questions regarding this position to Dr. Margaret Carrel, margaret-carrel@uiowa.edu, 319-335-0154.

**Department of Geography, Rutgers University**: The department seeks two tenure track positions: Assistant Professor in Political Ecology and Assistant Professor in Human Geography (Race, Gender, Ethnicity, Sexuality). For the first position, the department seeks candidates whose teaching and research interests focus on innovative perspectives with a focus on patterns of uneven development and how they shape resource systems and users. The department looks to hire a scholar with demonstrated commitment to in-depth fieldwork in a developing world region, and the interests on the history and political economy of resource use, and applies empirical insights to advance larger theoretical understandings of political ecology and international development. Possible areas of specialization include, but are not limited to, agro-pastoral or agro-food systems, conservation, environmental change, health and disease ecologies, land management, marine ecologies or maritime economies, resource extraction or conflict, rivers or water infrastructure, or urban political ecology. For more information about this open position please go to: https://jobs.rutgers.edu/postings/75886

For the second position, the department seeks candidates whose teaching and research interests focus on innovative perspectives on race, gender, sexuality, and/or ethnicity. Topical sub-areas might include, for example: racial discrimination; spaces of exclusion; black, feminist, or queer geographies; immigration and (im)mobilities; liberation politics; solidarity and social movements; spaces of difference; social or environmental justice; legal geographies; and boundaries/borders. The candidate will teach courses in the field of human geography at both the undergraduate and graduate levels. For more information about this open position please go to: https://jobs.rutgers.edu/postings/75884

For both positions, review of applications will begin on November 1, 2018. For additional information about either position or the application process, please contact Professor Kevin St. Martin, Department of Geography at kstmarti@rutgers.edu. Additional information about the Department of Geography and Rutgers University can be found at geography.rutgers.edu.

**University of Michigan, Ann Arbor**: The School for Environment and Sustainability (SEAS) at the University of Michigan is seeking applications for a full-time, nine-month, tenure-track Assistant or Associate Professor in Spatial Science of Coupled Natural-Human Systems. The SEAS seeks candidates whose work advances the frontiers of knowledge in natural-human system processes and relationships at diverse scales using theories, methods, and tools of spatial science. Topical areas of interest are broad. These could include human dimensions of global change as they relate to biodiversity loss, land-cover/land-use change, climate change, ecosystem services and valuation, material and energy flows,
urbanization, and environmental degradation, among others. Candidates need to have strong capabilities in Geographic Information Systems (GIS), remote sensing, and/or other forms of spatial science, and to incorporate this as an integral core of their work. Candidates must have a Ph.D., and we are interested in candidates from a range of disciplines, including geography, anthropology, urban planning, ecology, hydrology, environmental science, computational or data science, engineering, public health, social sciences, or related fields.

Applications should include (1) a cover letter; (2) CV; (3) a concise personal statement describing vision and plans for research, teaching and societal engagement; (4) a one-page statement on how the candidate contributes to diversity efforts, and (5) a list of three academic references with contact information. To apply, submit application materials (in a single PDF file), via the following web address: http://seas.umich.edu/employment. For assistance or further information, you may contact SEAS.faculty.search.staff@umich.edu. Review of applications will begin on September 14, 2018 and continue until the position is filled. SEAS hopes to appoint a faculty member to this position to begin Fall 2019.

The Department of Geosciences at Mississippi State University invites applications for a nine-month tenure-track position in Human Geography at the rank of Assistant or Associate Professor, with expertise in one or more of the following areas: economic geography, political ecology, political geography, health geography, food security, geographies of race, gender and sexuality, or another closely aligned area. We seek an energetic and enthusiastic scholar who can contribute to Mississippi State University's research priorities in the areas of 'addressing disparity', 'securing our future' and/or 'leading in the 21st century economy'. The anticipated start date is August 15th, 2019. Applicants will be expected to develop and teach undergraduate and graduate courses in regional geography, as well as their area of expertise. Additionally, applicants will be expected to supervise masters and doctoral students. Successful applicants will hold a Ph.D. in geography or a closely related field at the time of appointment and demonstrate: (1) evidence of (or the potential for) excellence in research, teaching, and student mentoring; (2) a record of peer-reviewed publications; (3) the capacity to develop and direct an active, externally-funded research program; and (4) a commitment to professional service. Candidates may apply on-line by submitting a cover letter that includes the applicant's teaching philosophy and current and future research plans, curriculum vitae, and a list of three references with contact information through the Mississippi State University HRM Online Employment System: explore.msujobs.msstate.edu/cw/en-us/job/...= or by going to http://explore.msujobs.msstate.edu/and searching for job number 497644. The position will remain open until filled; however, the review of applications will begin November 16, 2018. For questions about the position or the application process, please contact Dr. Shrinidhi Ambinakudige (Search Committee Chair): ssa60@msstate.edu.

The Department of Geography at Indiana University invites applications for a tenure-track Assistant Professor position in Critical Food Studies as part of a series of university-level strategic hires focused on food systems. The department seeks candidates who take a critical political economy approach to food and have demonstrated the ability to engage with community groups and policy makers. Ideal candidates will have a strong background in security, sovereignty, and justice within the U.S. food system, and investigate the ways that contemporary American food systems intersect with international political economies and political ecologies of food production, trade, and consumption. Candidates are expected to have or be able to develop an excellent research program, with the ability to attract external funding. Teaching duties include both undergraduate and graduate courses. Applicants should have or expect to receive their doctoral degree by August 1, 2019 in Geography or related field. The position will remain open until filled, but priority will be given to those who apply with full applications by October 15, 2018.

The School of Public and Environmental Affairs (SPEA) at Indiana University - Bloomington invites applications for an Assistant Professor or tenured Associate Professor with a specialization in
sustainable food systems. The School seeks candidates from the social sciences with a focused line of research on food system development and evolution. Applicant's background should bridge the nexus of food, community development, and sustainability, and ideally would have an analytical background in social-ecological systems. The School is particularly interested in candidates studying food systems within a U.S. context that possess mixed-methods research skills or systems modeling ability. The successful candidate will be expected to develop an extramurally-supported research program. Candidates may be appointed at the rank of assistant or associate professor. Appointment at the full professor level may be possible for a candidate with an exceptional research record in the specified areas of expertise. Minimum educational qualifications include a Ph.D. in a related field (e.g., sociology, economics, community development, public policy and affairs, geography, anthropology) and evidence of a developed research program. The successful applicant is expected to start August 1, 2019, and to have completed the Ph.D. by that date.

To ensure consideration, application materials must be received by October 31, 2018, however, the search will continue until the position is filled. To apply, please submit a cover letter, curriculum vita, research statement, up to three papers, and contact information of three references electronically to https://indiana.peopleadmin.com/. Inquiries regarding the position should be sent to Dr. James Farmer (jafarmer@indiana.edu).

The SPEA at Indiana University-Bloomington also seeks to appoint a tenure-track faculty member at the assistant professor level in Human Ecology. The successful candidate will be expected to demonstrate strong scholarly potential, to develop an extramurally-supported research program, and to contribute to the teaching mission of the School. Applicants should have research interests in the general field of human behavior and the natural environment, with a focus on understanding society's adaptive capacity and resilience in the face of environmental change. Related research interests might include but are not limited to human risk perceptions and decision-making, human use of natural resources, human use and management of working lands, human/environment feedbacks, political ecology, and environmental justice. The Ph.D. or an equivalent terminal degree in a related field is required (e.g., human ecology, environmental studies, environmental anthropology, rural or environmental sociology, political science, environmental psychology, sustainability, etc.).

To ensure consideration, application materials must be received by October 15; however, the search will continue until the position is filled. Please submit a letter of application, current vita, sample publications, and contact information for three references to https://indiana.peopleadmin.com/ (select “Bloomington” and “Public and Environmental Affairs”, then Human Ecology”). Statements on teaching and service are optional but welcomed. The preferred start date is August 1, 2019. Doctoral degrees must be in hand by August 1, 2019. Inquiries regarding the position should be sent to Professor Beth Gazley at bgazley@iu.edu. For more information see: http://www.indiana.edu/~spea

Boise State University announces two tenure-track faculty positions in human-environment systems science. Competitive candidates will demonstrate expertise and interest in quantitative and integrative approaches to social-biological-physical systems, with the goal of addressing sustainability challenges. The university encourages applicants from a wide range of disciplines and backgrounds including geography, geoscience, biological science, climate science, social science, economics, math, engineering, and computational and data sciences. The university seeks an individual who applies innovative geospatial approaches to understanding processes and relationships across spatial and temporal scales in human-environment systems. Candidates may utilize novel data streams or develop and apply models to a wide range of topics at the interface of the environment and society, including, but not limited to,
climate change, land use change, biodiversity, urbanization, and ecosystem services. For the second position, the university seeks an individual who develops novel complex systems/big data approaches to understand, model, and predict social-ecological system dynamics. Candidates may employ theoretical, empirical or computational tools from the fields of complex systems, network science and data science in order to address human-environment system challenges at local to global scales.

If you are interested in these positions, please submit in one PDF document: a cover letter (max 3 page), CV, contact information for a minimum of three professional references, and three publications as representative sample work. In the cover letter, you should address the following items in this order: 1) your qualifications for this position, especially application of quantitative methods; 2) your capacity to develop an integrated research, teaching, and service program to solve problems in human-environment systems (please see strategic plan); 3) evidence of and interest in transdisciplinary collaboration and team science; and 4) your interest in and commitment to diversity and inclusion. Candidates wishing to be considered for employment at the level of Associate Professor should specifically identify so in the cover letter. Questions should be e-mailed to hes@boisestate.edu. Closing date: October 16, 2018 at 11:59pm.

**Professional Conference**

**Accelerating Research Advances in Collective Spatial Cognition Specialist Meeting in Santa Barbara:** Kevin Curtin at the U of Alabama and Dan Montello at UC Santa Barbara are organizing a Specialist Meeting on the interdisciplinary topic of Collective Spatial Cognition: Innovative Research about Spatial Thinking by Human Groups. The Meeting is planned for early January 2019 in Santa Barbara, CA. Consider submitting an Abstract to secure possible invitation to the meeting. For more information, please contact: Daniel Montello (montello@geog.ucsb.edu).

![Ted Payne being honored last Friday (October 12) with the 2018 Distinguished Alumnus Award](image)

Please contact Bimal Paul (b kp@ksu.edu) with K-State Globe items.