ECLIPSE:  Manhattan Max 1:04 pm, 98-99% occlusion  

Eclipse begins 11:37 am – make sure you have ISO 12312-2 safety glasses  

Welcome to all new graduate and undergraduate students! Welcome back to the rest of you!

Departmental & Campus Events

- **21 Aug (M)**
  - Classes begin!
  - Week of Welcome—see [http://wow.k-state.edu/events.html](http://wow.k-state.edu/events.html) for activities

- **23 Aug (W)**
  - Research, Creative, and Travel Opportunities Fair (College of Arts & Sciences), with drawing for $1000 scholarship; Union Ballroom, 11 am-1 pm
  - Science on Tap (sponsored by Graduate School and others), 1-8:30 pm, Tallgrass Tap House, Firkin Room. Happy hour pricing for attendees—see [sunsetzoo.com/Calendar.aspx?EID=619](http://sunsetzoo.com/Calendar.aspx?EID=619)
  
- **24 Aug (Th)**
  - Part-time job and internship opportunities fair; Union Ballroom, 10 am-3 pm

- **25 Aug (F)**
  - **Geography faculty meeting**, 3-4:30 pm, Seminar Room (S 164H)
  - **St. George Geographical Society meeting**, ca. 5:15 pm, Tanner’s Bar and Grill

- **28 Aug (M)**
  - Last day to add course without instructor permission

- **31 Aug (Th)**
  - GTU/Geography Club meeting, 5 pm, seminar room (S 1069)

- **1 Sep (W)**
  - Graduate Student Council (GSC) Travel Award deadline for November travel. See [www.k-state.edu/grad/students/studentcouncil/travel-grants/](http://www.k-state.edu/grad/students/studentcouncil/travel-grants/)

Student Opportunities

The Athletic Department is looking for Geography tutors (Juniors, Seniors, and/or Graduate Students). Please contact [ksuathutorapp@yahoo.com](mailto:ksuathutorapp@yahoo.com) for information. Tutoring can be scheduled during the following: 7-10 pm Sunday, 8 am-10 pm Monday-Thursday, and 8 am-2 pm Friday.

St. George

St. George Geographical Society meetings – commonly known simply as ‘St. George’ – are the departmental version of an FAC (‘Friday Afternoon Club’). All are welcome—students, faculty members, alumni, others! They are called periodically—not every Friday. The first St. George for the semester will start around 5:15 pm, at Tanner’s Bar and Grill, 1200 Moro St., this coming Friday (25 August).

Local Fieldtrip

An introductory local fieldtrip for new grad students as part of GEOG 821 is scheduled for Sep 10 (Sunday), 9:30 am to approximately 4 pm. To the extent that we have extra space (and there should be a lot this year), others are welcome to join us. Priority spots go to new PhD students. If you’d like to come, please let Lisa Harrington ([lbutlerh@ksu.edu](mailto:lbutlerh@ksu.edu)) know. We typically have lunch at the Little Grill (Jamaican).
**Departmental Activities** (Department affiliates in bold)

**Publications**


**Paper Presentation**

van der Meij, Marijn, Arnaud J.A.M. Temme, and Michael Sommer. 2017. Topography reconstruction of eroding landscapes – a case study from a hummocky ground moraine (CarboZALF-D). Presented at the 25th anniversary Pedometrics conference, Wageningen, the Netherlands, 30 June.

**Posters**


**Workshops**

Thomas Larsen and John Harrington, Jr., presented a workshop on Resources for Geography Awareness Week 2017, July 29th at the NCGE Annual Meeting in Albuquerque, NM.


**Other**

Arnaud Temme chaired a session on soil-landscape modelling at the Pedometrics conference, Wageningen, the Netherlands. He also was on the Scientific Committee for the conference.

**Calls for Papers**

18th National Conference and Global Forum on Science, Policy, and the Environment – Theme: The Science, Business, and Education of Sustainable Infrastructure: Building Resilience in a Changing World; 23-25 Jan 2018, Washington, DC. Conference proposals will be accepted for Sessions (90-minute discussions that educate conference attendees about a key topic); Workshops (180-minute participatory discussions that develop strategies to advance sustainable and resilient infrastructure, discuss key challenges and opportunities, or teach skills to participants); and Posters (presentations of individual scholarship). More information at [www.NCSEConference.org](http://www.NCSEConference.org). Deadline: 25 Aug; [https://proposalspace.com/calls/d/762](https://proposalspace.com/calls/d/762).


International Society for Landscape, Place, and Material Culture annual meeting, 18-21 Oct 2017, Salt Lake City. Conference theme: Mormons, Miners, and the American West (but papers are accepted on any topic related to landscape, place, and material culture).
Themes and topics: 1) Envisioning alternative worlds; 2) (In)visible bodies; 3) Borders, divisions, and (inter)national space; 4) Critical (visual) methodologies and praxis; 5) Visions for a new science. The conference will be composed of paper sessions as well as organized panel discussions. The format for papers will be 15 minutes + 5 minutes for Q&A. Please submit an abstract (200 words or less) to: geog.crit.con@gmail.com. The abstract should include this information: Title, Organizer, Contact Information, Participants (if proposing a panel), Theme, and Abstract. Panels are encouraged. If you would like to organize a panel, please send an abstract and list of likely participants. Abstracts are due by 15 Sep, 5 pm. See https://pennstatecritcon.wordpress.com/.


Conference of Latin Americanist Geographers (CLAG), 20-22 May 2018, San Jose, Costa Rica. Registration is open at http://clag2018costarica.ku.edu/registration. For questions about CLAG, contact Kendra McSweeney, CLAG Chair (mcsweeney.14@osu.edu).

Webinar
Assessing the Impact of InTeGrate Materials in Intro Environmental Science and Botany Courses 31 Aug, 11:00 am Central Time; registration deadline: 29 Aug. Using InTeGrate modules in an Introduction to Environmental Science course since the spring of 2016, gains in student achievement in objectives related to soils, agriculture, mining, climate change, among others have been measurable. The QUBES InTeGrate Faculty Mentoring Network (FMN) in Spring 2016 was invaluable for guidance with modifying and launching the initial modules used in the course: 'A Growing Concern' and 'Soils, Systems, and Society.' Additional modules were added in the fall of 2016 to strengthen the course and previous modules were improved. Student feedback and results of assessments will be shared as part of the session. At the end of this webinar, participants will have: examples and strategies for adapting InTeGrate modules that introduce Biology content; greater familiarity with InTeGrate principles and materials. Webinars are recorded: if you can't make a live event, check for the screencast/recording.

Graduate Programs
Geography MSc Graduate Scholarship in GEOBIA & Urban Remote Sensing, Department of Geography at the University of Calgary. Applicants are invited to apply for a Geography MSc Graduate Research Scholarship, specializing in GEOBIA & Urban Remote Sensing. This award will commence in Jan 2018 and is for $25,000 (CDN) per year for 2 years at the MSc level. It will be carried out under the supervision of Dr. Geoffrey J. Hay. It does not cover tuition, living, moving, or medical expenses, or any other type of related expense. Deadline: 15 Sep. Preference will be given to those with a strong background in urban digital remote sensing using ENVI & IDL, GEOBIA (ENVI FX, eCognition), GIS (ESRI, QGIS), statistics (R, SPSS, S-Plus, etc.), computer programming (IDL and Python), web-development (using open source programs), as well as strong oral and written English language abilities. The ability to communicate and publicly present well in social settings, and conduct research on their own and as part of a team are desirable assets. Ideally, the candidate should have research expertise and interest in at least one of the following topic areas: 1) Operational segmentation of dense urban roof tops and roads from TIR/RGBi imagery, 2) Operational segmentation of dense urban vegetation canopies from TIR/RGBi imagery, 3) Generation of heat-loss and energy-efficiency metrics from high-
resolution TIR imagery. The successful candidate will have access to state-of-the-art department computing, software and digital library resources as well as high-resolution thermal and RGBi urban remote sensing and GIS datasets. Opportunities may also be developed for motivated students to collaborate with industry partners. Academic Requirements: 1) Applicants must hold a minimum grade equivalent to a GPA of 3.5 on a 4.0 scale OR a B+ to A+ average, calculated on the last two years of a four-year undergraduate degree or equivalent; 2) if your degree is not from a Canadian institution, check information on international requirements for admission at http://www.grad.ucalgary.ca/prospective/international-students; 3) for those whose first language is not English, either TOEFL or IELTS is required. Provide 1) an official academic transcript, 2) a c.v., 3) a project proposal or statement (one page max) and 4) a list of 2-3 references. Ensure that your CV includes a list of all awards/scholarships/grants, presentations, related publications, areas of expertise, training and knowledge, and other relevant experiences. Unofficial digital transcripts can be used for the initial review of your file, but official transcripts & letters of reference will be required for the successful candidate. International students must provide unofficial transcripts in their original language, as well as in English. Send supporting documents by email (not compressed) to ghay@ucalgary.ca with the subject heading 'MSc Scholarship Application.’

Graduate Research Assistant (PhD) for Research at the Intersection of Social Inequality and Payments for Ecosystem Services. Department of Environment & Society, Quinney College of Natural Resources, Utah State University, Logan. The GRA position is for three years and is part of an NSF-funded research project by Utah State University, Purdue University, and Brandeis University. The assistantship provides an annual stipend of $20,000, partial payment (80%) of the premium for required health insurance, and tuition waiver. The GRA will work under the supervision of Dr. Claudia Radel but will interact with all project investigators. See www.nsf.gov/awardsearch/showAward?AWD_ID=1660481 for project description. A second GRA position for this project will be available at Purdue University, with Dr. Zhao Ma (zaoma@purdue.edu). Specific responsibilities include: 1) collecting qualitative data in the field in rural Bolivia (as soon as summer 2018); 2) analyzing this qualitative data; and 3) assisting investigators with other research-related project activities. The GRA will also be encouraged to develop his/her own dissertation research questions to pursue in collaboration. The ideal candidate has an interest in interdisciplinary approaches and mixed methods research, but is also either familiar with or interested in the discipline of geography and in the field of political ecology. Requirements include 1) experience with qualitative research and interviewing; 2) field experience in the rural Global South, and 3) Spanish-language competency adequate for successful interviewing in Spanish. A master’s degree is desirable, but not required. Applicants also should have a record of academic excellence. Fall 2018 application deadline is 1 Feb 2018, but earlier submissions are encouraged (required for a start Spring 2018). Interested applicants should send a brief letter of interest and a copy of their CV (including GPA and GRE scores) via email to Dr. Claudia Radel (claudia.radel@usu.edu) prior to formally applying to the USU Graduate School.

Academic Positions

Please see American Association of Geographers (jobs.aag.org/jobseeker/search/results/) for job postings, including non-academic positions. There are many positions available, but only a few can be posted here—mostly ones that pop up directly in my inbox and are less likely to show up at AAG.

Colorado State University, Ft. Collins, invites applications for the position of Special Instructor. The start date is 1 Jan 2018. The College is seeking a dynamic and committed instructor to deliver superior undergraduate education in GIS and remote sensing to our rapidly growing enrollment of undergraduate students. The special instructor will teach 6-7
courses per academic year. Initially the courses will primarily consist of junior (300-level) courses in GIS and Remote Sensing, with potential to teach and develop advanced courses. Initially the division of responsibilities for this position are 80% teaching and 20% service. This distribution may be altered to accommodate changes in college and university policies and goals. Any changes must be approved by the Associate Dean for Academic Affairs and the Dean of the college, following discussion with the special instructor. This is a non-tenure track appointment on a three-year renewable contract. Position will be supervised by the College GIS Program Coordinator. See [http://jobs.colostate.edu/postings/48177](http://jobs.colostate.edu/postings/48177). Applications due by **27 Aug.** Questions contact: Michael Falkowski, Search Committee Chair ([falkow@colostate.edu](mailto:falkow@colostate.edu)).

**Ohio State University, two postdoctoral research positions.** One to design and implement stakeholder engagement, participatory research, and participatory modeling activities in Ohio (and the eastern corn belt). Looking for a post-doctoral researcher (PhD required) or research associate (MS or PhD) to take a lead role in these efforts. Experience with and interest in engaged models of conducting research in collaboration with farmers, stakeholders, and other community partners is required. Funding is secure for several years. Application deadline **1 Sep.** Another to conduct research on working agricultural landscapes--help increase the representation of human dimensions in models of complex coupled systems. Social science research and interdisciplinary modeling skills are required. Applications due **30 Sep.** Contact: Dr. Douglas Jackson-Smith ([jackson-smith.1@osu.edu](mailto:jackson-smith.1@osu.edu)).

**Center for Southeast Asian Studies (Kyoto University) Postdoctoral Fellowship.** CSEAS is now accepting applications for up to three postdoctoral fellowships on the themes of cross-regional studies, politics, the economy, social and cultural dynamics, the environment, and the global humanosphere. The fellowships, which will be awarded in the first half of 2018, are tenable for a duration of 2 years (subject to performance evaluation). In addition to pursuing his/her own individual research agenda, there is a possibility of the fellow’s involvement in the Center’s teaching, research and outreach activities. Successful applicants will receive an appropriate stipend to cover international travel to and living expenses in Kyoto. Research funds will be provided to facilitate his/her research activity. Applications in English are invited from candidates of all nationalities; applicants must have fulfilled all requirements for a PhD from a reputable university no more than 3 years prior to the time of application (PhD candidates must have been conferred their doctoral degrees by the time of taking up the fellowship). Application dossiers must be submitted electronically to this [submission portal](mailto:applications@cseas.kyoto-u.ac.jp) by **30 Sep.** See [https://en.kyoto.cseas.kyoto-u.ac.jp/cseas-postdoctoral-fellowship/](https://en.kyoto.cseas.kyoto-u.ac.jp/cseas-postdoctoral-fellowship/). Inquiries may be sent to applications@cseas.kyoto-u.ac.jp.

**Boise State University, Boise, ID. Assistant Professor, Human-Environment Systems.** Seeking candidates who develop and apply innovative strategies to describe, understand, and predict the dynamics of human-environment systems, including (but not limited to) agent-based, dynamical, process-based and geospatial modeling, mixed-methods, and other innovative techniques for integrating models or data. Candidates with training and skills from the disciplines of geography, geoscience, climate science, social sciences, engineering, and computational and data sciences are particularly encouraged. Applications due by **1 Sep.** See [https://boisestate.taleo.net/careersection/exfac/jobdetail.ftl?job=170712&tz=GMT%2B02%3A00](https://boisestate.taleo.net/careersection/exfac/jobdetail.ftl?job=170712&tz=GMT%2B02%3A00).

**Western University, London, ON, Canada.** The Department of Geography at Western University invites applications for **two appointments** in the area of **GIScience and Urban Environments** at the rank of **Assistant or Associate Professor**, effective 1 July 2018 or as negotiated. If qualifications and experience warrant a higher rank, consideration may be given to an appointment at the tenured level. Application must include 1) Application for Full-Time Faculty Position form [uwo.ca/facultyrelations/pdf/careers/Faculty/Application-FullTime-Faculty-Position-Form.pdf](http://uwo.ca/facultyrelations/pdf/careers/Faculty/Application-FullTime-Faculty-Position-Form.pdf); 2) Letter of Interest/Statement of Academic Qualifications; 3) Curriculum Vitae; 4) Teaching Statement summarizing teaching experience, evidence of teaching
effectiveness, and areas of teaching expertise; and 5) names, institutional affiliations and contact information (including email addresses) for three academic referees. The deadline for receipt of applications is 30 Sep. See www.physicaloxy.com/announcement,a3802.html.

Personal Updates

The Globe will start providing the personal updates which once appeared in the annual newsletter. All faculty and alumni are very welcome to provide personal and professional updates! (Please!) Specific faculty and student professional achievements will continue to be listed above as publications, presentations, etc. Here are the first entries:

Abby Langston

My first year at Kansas State University has been exciting and busy. In the fall semester of 2016, I taught Fluvial Geomorphology and continued the field trips started by Dick Marston. I took students to survey cross sections at Kings Creek in Konza Prairie and to take samples from a meander cut bank on the Kansas River. I have taken several work-related trips this year: I presented my research on modeling lateral channel erosion at the American Geophysical Union meeting in San Francisco and at Community Surface Dynamics Modeling System (CSDMS) meeting in Boulder, CO. My manuscript describing and evaluating the lateral channel erosion model in detail is currently in review. In April, I went to Washington, D.C. on a K-State sponsored trip for new faculty members to meet with program managers from the National Science Foundation and other funding agencies. The purpose of this trip was to lower the threshold of submitting a proposal to federal funding agencies and I’m happy to say that I will be submitting my first proposal to NSF by the end of the summer. My busy travel year continued into the summer with vacation (and a little field work) in western Montana. As I write this in early August, I am attending the Summer Institute for Earth Surface Dynamics at St. Anthony Falls Laboratory and the University of Minnesota. In addition to investigating scale in earth surface systems to better inform predictions (the theme of the workshop this year) I am laying the ground work for future flume experiments at SAFL, perhaps as beginning early as next summer. It has been wonderful joining the department and I look forward to starting a new academic year.

Arnaud J. Temme

My first year at KSU has been a great experience. I am very happy to work with such a great group of colleagues here at Geography. From a professor’s perspective, US academia turns out to be not so different from Dutch academia. Nonetheless, there are differences, and the largest is that there are much less graduate students here. Attracting a few MA and PhD candidates will be one of my highest priorities the coming year, so expect me to go to more conferences than I would otherwise do. This will of course include the Regional AAG meeting in North Dakota, where I’ll prepare for organizing the 2018 meeting here in Manhattan.

My Dutch team of MS, PhD and postdocs is still working at Wageningen University, and I am excited about the range of findings we have been able to publish. Rens Masselink will defend his PhD thesis next September about how connectivity between parts of hillslopes and parts of landscapes affect the delivery of water and sediment to a catchment outlet. Rens used and developed a range of new methods to measure and analyse connectivity for his study site in Spain, and most of his four publications are about that work. I am very interested to use some of his ideas here in Kansas, for instance in the Konza Prairie. For Konza, Ilona van der Kroef’s MS thesis (also at Wageningen) has finished with a very interesting dataset about soil-landscape relations that we are hoping to submit for publication this fall. It’ll be my first publication based on Kansas data!
PhD candidate Marijn van der Meij focusses on computer modelling of soil-landscape relations, improving my model LORICA for use in a study site in Germany. His first paper prepares the ground for that, focusing on what we can learn from present-day soils to reconstruct the soils and landscapes before deforestation and agriculture. The paper is currently in the second round of reviews in Catena, a soil-landscape journal. Marijn is now working on including more hydrological processes in the model. For this purpose, he has spent two months at Penn State earlier this year, and I visited him there for a week in May. Soil-landscape modelling is one of my largest interests, and I hope to recruit a PhD candidate here at K-State to continue with that as well.

PhD candidate Jalal Samia is working on landslides, specifically the way that landslides cause future landslides. Jalal published his second paper this year, on methods to quantify the degree of landslide-landslide feedback. His third paper will take the results from that and use them to improve landslide mapping procedures. Given the novelty of this work, and the great reception it is getting from the community, it is also the topic of a proposal that I am writing for submission to NSF. If this funding arrives, we can make great steps towards better landslide maps, which should save lives and money in the long run.

In the coming semester, I hope to receive Jalal here at the department of Geography to work together on his last, fourth, paper. Also, Bart Middelburg from the Netherlands is coming here to perform fieldwork for his MS thesis. His topic is the use of photogrammetry to monitor weathering and rockfall from the steep roadcuts that we have here in the Flint Hills. Weathering, specifically weathering of our ‘pancake-layered’ rocks, is very interesting from a soil-landscape perspective. I’d say that this subfield so far has more hypotheses than observations, and I hope to provide more of the latter in the coming years.

I have taught Introduction Physical Geography twice so far, and derived lots of energy from both sessions. It is great to be able to open eyes for so many students! As all of us, I’ve made some changes here and there so the class now fits my teaching style very well. For upper level classes, I taught Digital Geomorphology for the first time this Spring. I had 4 students this time around and hope for more next year. Coming up this semester is Soil Mapping, where I hope to draw on interest from our own graduate students as well as students from Agronomy and Natural Resource Management. For the future, I am thinking about classes about Mountain Geography and the Geography of Europe.

Lisa M Butler Harrington

Over the past year, I hosted Dr. Lučka Lorber (Vice Provost, University of Maribor, Slovenia) for her second visit to Kansas, did a small amount of professional travel in the US (Colorado Springs for the regional AAG meeting, and Boston for the AAG meeting), and got to join John in Turkey for a few days in May, including a chunk of Ramadan. Interesting to be where the calls to prayer are so noticeable. Hayati Köknoyroğlu, John’s colleague at Süleyman Demirel University (department head for animal sciences) in Isparta, joined by his wife Sevgi when possible, very kindly took us to local national parks, including some really cool ruins. They also took good care of us for meals and such.

Summer was again spent on the Washington coast. No trip to Mount St. Helens this year, due to road damage. I did spend a good bit of time on professional activities—working on manuscripts with Ryan Bergstrom, prepping for online teaching (starting next spring—lots of prep still to happen), selecting ‘alternative texts’ for my natural resources class, and so on.

Moose and I (Cavalier King Charles spaniel, now 2) started “competing” in a couple of agility trials in the spring, with hopefully more to come. We’re also volunteering with a hospice service with him serving as a therapy dog (certified through Therapy Dogs International). Only one visit to three hospice patients at a local nursing home so far (and many stops so other
residents could pet him), but now that we’re back in Kansas from our summer sojourn in Washington we should be getting back to it.

The big news for me is that a contract was signed in the spring, to begin ‘phased retirement’ in fall 2018. This will be a 25% time appointment for three years, with online teaching activities primary (but service and research still happening to some extent). With this change in status, I expect to move to the Pacific Northwest permanently, in summer 2018. Excitement! (Also mega-preps happening in Manhattan, with a lot of material goods being divested and house updating going on. Ugh.) I’m also taking a class from the Art department this fall, and planning on one in the spring. Hopefully I’ll be able to keep up with all the planned activities, in addition to the usual teaching, etc. (?)

Please contact Lisa Butler Harrington (lbutterh@ksu.edu) with K-State Globe items.