

## Assistant Professor in Ecosystem Ecology

The Department of Geographical and Sustainability Sciences at The University of Iowa invites applications for a tenure-track appointment at the rank of assistant professor in the area of ecosystem ecology. The ideal candidate will be focused on processes at the watershed scale or larger and be motivated by questions at the intersection of natural and human systems. This candidate will also be well versed in the computational methods necessary to understand such processes (e.g., spatial analytical and statistical approaches, spatial simulation). Applicants could work in one of a variety of specialized research areas, including:

- Resilience and adaptive capacity of ecosystems
- Socio-ecological systems
- Ecosystem change and the spread of disease
- Hydro-ecological systems and flooding
- Ecosystem modeling and measurement
- Ecosystem services

The successful candidate will contribute to a broad-based environmental curriculum through introductory to graduate level courses that fulfill requirements for degrees in geography and related fields. Specific courses taught by an individual hired in this position could include introductory physical geography, ecosystem ecology, field methods, wetlands, and climatology. Successful candidates are expected to conduct cutting-edge research and work effectively in interdisciplinary teams that address significant real-world problems, thereby helping to maintain the department's active role in collaborative research across campus.

This appointment will begin August 15, 2018. Applicants must have a Ph.D. in geography, ecology, 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 at the intersection of human and environmental systems is desirable. Applicants should be able to teach introductory physical geography as well as advanced courses in their area of expertise. Collaborative and interdisciplinary research is encouraged within the department and at UI. The ability to complement existing departmental strengths (e.g., health geography, resilience, vulnerability, land-use science, sustainability, geographic information science, urban ecology) or university initiatives (e.g., water sustainability, adaptation to climate change, informatics), is desirable. For further information, please see our web page describing this position at <https://jobs.uiowa.edu/jobSearch/faculty/>, requisition #71538.

The Department of Geographical and Sustainability Sciences and the College of Liberal Arts & Sciences are strongly committed to diversity; the strategic plans of the University and College reflect this commitment. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, national origin, age, sex, pregnancy, sexual orientation, gender identity, genetic information, religion, associational preference, status as a qualified individual with a disability, or status as a protected veteran. The University of Iowa is an equal opportunity/affirmative action employer.

Submit applications online at <https://jobs.uiowa.edu>. Attachments to the application should include a letter of application, a CV, a statement of research interest, a statement of teaching interest, and evidence of teaching effectiveness. Three letters of recommendation are required as part of the application process. Upon submission, references selected will receive directions by e-mail regarding the electronic submission of letters to the University of Iowa. Screening of applications begins November 15, 2017 and will continue until the position is filled. Direct questions regarding this position to Dr. Heather Sander, heather-a-[sander@uiowa.edu](mailto:sander@uiowa.edu), 319-353-2964.