

Graduate opportunities in fire ecology and ecosystem ecology: University of Illinois Urbana-Champaign

Two PhD positions are available in the Fraterrigo Landscape and Ecosystem Ecology Lab in the Department of Natural Resources and Environmental Sciences at the University of Illinois, Urbana-Champaign. Our lab seeks to understand vegetation response to environmental change and disturbance, and its consequences for ecosystem function. More information about our research group can be found here: <http://landscape.nres.illinois.edu/>. The available positions will focus on ecosystem responses to fire in fire-maintained temperate forests. One position requires experience with remote sensing and GIS. A second position will examine fire effects on ecosystem processes in the context of plant invasions.

Qualified applicants should have a strong background in ecology and experience conducting field work. Students who have a background in statistics, are willing to develop their quantitative skills, and have programming experience using R are preferred. Strong writing, communication, collaboration, and mentoring skills are also required. The position will be funded by a combination of research and teaching assistantships.

To apply, contact Dr. Jennifer Fraterrigo at jmf_at_illinois.edu with a CV or resume, undergraduate GPA, GRE scores and percentiles, and a brief description of research background, interests, and how they may fit within the broader research themes in the lab. We value diversity and encourage students from underrepresented groups to apply. Official applications to the Department of Natural Resources and Environmental Sciences (<https://nres.illinois.edu/>) are due April 17, 2019.