



Odum School of Ecology
UNIVERSITY OF GEORGIA

PhD position in terrestrial biogeochemistry

The [Krichels Biogeochemistry lab](#) is seeking students in terrestrial biogeochemistry in the [Odum School of Ecology](#). The student will have the opportunity to develop their own project broadly related to how disturbances affect the cycling of nitrogen and/or carbon in terrestrial ecosystems. Students applying at the PhD level are preferred but students interested in a Masters will be considered.

The Krichels Lab studies how soil microbial and abiotic processes control the exchange of nitrogen and carbon across the soil–water–atmosphere interfaces to infer how anthropogenic disturbances and global changes alter ecosystem biogeochemistry and function. The student will have access to several tools to conduct their research, including trace gas analyzers. The University of Georgia is close to many field sites where the student can conduct their research, including [Horseshoe Bend](#), the [Coweeta Hydrologic Laboratory](#), [Whitehall Forest](#), and the [Jones Canter at Ichauway](#)

Desired Qualifications

Ideal PhD applicants will have strong interests in ecosystem ecology, environmental science, soil science, or biogeochemistry. Prior experience with lab work, field work, experimental design, and scientific writing is preferred. Applicants should have demonstrable quantitative skills (previous job experience and/or Master's degree preferred).

Application

Interested individuals should contact Alex Krichels (alexander.krichels@uga.edu) by **November 1st, 2026** with **1)** a cover letter summarizing your interest in the position, **2)** two professional references (contact information only- email preferred), **3)** your resume or CV, and **4)** a writing sample. Please include “PhD position” in the subject line of your email.

Competitive applicants will then be asked to submit admission applications to OSE by December 1st (*Note: Please do not apply to OSE without invitation. Your application will not be considered*). Applicants will then be invited to an on-campus recruitment event in Athens, GA during late January 2027. Successful applicants are expected to matriculate in Fall 2027 (early August). Deferment not available.