

POSTDOCTORAL RESEARCH POSITION

CENTER FOR ECOSYSTEM SCIENCE AND SOCIETY
Northern Arizona University

We are seeking to fill a Postdoctoral research position in the Center for Ecosystem Science and Society at Northern Arizona University. The successful candidate will participate in research focused on the fate of permafrost carbon in a warming world. The research spans both field work and data synthesis with a focus on (1) developing a high-latitude database of net ecosystem exchange to create an updateable timeseries of ground-based C balance status and (2) site-level analysis of carbon fate from a gradient of sites undergoing permafrost thaw, and a long-term experimental manipulation of permafrost thaw and water table. The postdoc will be primarily located in Flagstaff, AZ and spend a portion of time during the field season in Alaska. Please send cover letter including the names/contact of 3 references and CV to: Dr. Ted Schuur; ted.schuur@nau.edu **Rolling application review ending Aug. 3**; position open until filled. Due to COVID-19, there is flexibility for this position to start work remotely, if needed.

The postdoc will play an active role in both the data synthesis effort and field component of this project. Data synthesis includes working with a network of collaborators, helping to organize and run workshops, and synthesizing datasets for publication. This requires excellent communication skills and desire to network and promote the synthesis activity. In the field, potential activities include operation and interpretation of eddy covariance and/or autochamber flux measurements, supervising personnel and interfacing with other team members making measurements of isotopes, soils, vegetation, and associated environmental measurements. The postdoc will be expected to organize, analyze, and maintain large data sets generated from the field measurements, and participate in data analysis and publications. The candidate should have prior knowledge and experience of at least some of these activities, and a desire to learn new skills.

Candidates with a background in biogeochemistry, ecosystem ecology, plant or soil science are encouraged to apply. Experience with gas exchange, eddy covariance equipment, Campbell data loggers, R programming, data and metadata processing would be essential. Experience with development of databases, web tools, and working with public datasets desirable. The postdoc will generally spend some portion of time during the field season in Alaska working with the field project; therefore willingness to work and live in rugged field conditions is preferable. Salary is commensurate with experience, and full health care benefits are provided for individuals and families.