



MISSISSIPPI STATE UNIVERSITY™
DEPARTMENT OF FORESTRY

MS Research Assistantship

A three-year funded graduate research assistantship is available starting in January 2026 in the Forest Hydrology and Soils Lab at Mississippi State University. This position will contribute to an [NSF-FIRE project](#) investigating how whiplashes (back-to-back extreme events) in global and regional moisture patterns drive forest hydrology and flammability across landscapes in the



southeastern United States. The successful candidate will work with an interdisciplinary group of scientists at Mississippi State University, North Carolina State University, and the USDA Forest Service to quantify regional fuel loadings and conduct field-scale fuel moisture dynamic experiments to unravel the relationships between fuel moisture, forest disturbance, and wet-dry whiplashes across fuel sources.

Qualifications: Applicants from a range of disciplinary backgrounds will be considered, including forestry, hydrology, environmental science, or other closely related fields. Applicants should possess enthusiasm for field work, strong analytical and communication skills, and attention to detail.

Stipends, Tuition, & Fees: This position is fully funded and includes a full tuition waiver, stipend of \$22,000, and health insurance. Supplemental funding for conference travel and presentations is available.

To apply: Interested students should first contact Dr. Courtney Siegert (courtney.siegert@msstate.edu) with a CV and brief statement of research experience and interest. Please use the subject line 'Application for Fire MS Assistantship'. Review of candidates will begin on **September 20**. For full consideration, applications are due to the Graduate School at Mississippi State University by December 1 for domestic students and October 1 for international students.