

Assistant Research Professor - Computational Hydrologist Auburn University

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Posted Sep. 23, 2024, set to expire Jul. 28, 2025

Job Title	Assistant Research Professor - Computational Hydrologist
Department	Crop, Soil and Environmental Sciences
Institution	Auburn University Auburn, Alabama
Date Posted	Sep. 23, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Professor Assistant Professor
Academic Field(s)	Water Management/Policy Environmental Science & Ecology
Job Website	https://www.auemployment.com/postings/48912

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Job Description

The Department of Crop, Soil, and Environmental Sciences in the College of Agriculture at Auburn University is seeking applications for the position of Assistant Research Professor - Computational Hydrologist. This position will be a twelve-month, non-tenure-track position with 100% research appointment. The projected start date is January 2025.

Responsibilities: The successful candidate will be expected to develop and maintain an impactful research program with a focus on climate-related issues such as long-term weather patterns, droughts, floods, and deviations from historical temperature patterns. These types of issues affect agriculture productivity, food security, natural disaster planning, and have fundamental implications upon our natural ecosystems. The person in this position will use computer modeling and design deep learning systems to extract information from existing data sets and create high-resolution data to explain and

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forecast climate and weather changes. They will be expected to become leaders in the use of artificial intelligence/machine learning in the discipline area of climatology.

Advising graduate students, grantsmanship, and novel research are expectations of this position. The person in this role will actively publish and disseminate their findings in public forums and in high-quality refereed journals. They are expected to actively collaborate with other projects within and outside of Auburn University.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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