

Research Associate - Fixed-Term Michigan State University

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Posted Sep. 23, 2025, set to expire Jan. 23, 2026

Job Title	Research Associate - Fixed-Term
Department	Biosystems and Agricultural Engineering
Institution	Michigan State University East Lansing, Michigan
Date Posted	Sep. 23, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Agricultural Engineering - Other
Job Website	https://careers.msu.edu/jobs/research-associate-fixed-term-east-lansing-michigan-united-states-f38b7e43-5ed3-496b-b359-a4893066bb84
Apply Online Here	https://careers.msu.edu/jobs/research-associate-fixed-term-east-lansing-michigan-united-states-f38b7e43-5ed3-496b-b359-a4893066bb84
Apply By Email	
Job Description	

The Hydro Water Quality Lab (<https://www.canr.msu.edu/hydro-water-quality/>) in the Department of Biosystems and Agricultural Engineering at Michigan State University invites applications for a highly motivated Postdoctoral Research Associate in the area of Watershed Modeling and Data Analytics.

This position is part of MSU's Agricultural Climate Resiliency Project(
<https://www.canr.msu.edu/agricultural-resiliency/>

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), a collaborative initiative involving experts from Plant, Soil and Microbial Sciences, Agricultural Economics, Kellogg Biological Station, hydrology, irrigation, and MSU Extension. The successful candidate will contribute to efforts aimed at reducing harmful algal blooms (HABs) in the Great Lakes region—including Western Lake Erie, Saginaw Bay, and others—through water quality monitoring and modeling of innovative conservation practices at both field and watershed scales using SWAT+ and APEX models.

In addition to watershed modeling, the postdoc will have the opportunity to engage in artificial intelligence (AI) and machine learning (ML) applications, including the development of mobile tools for the State of Michigan and the Great Lakes region. These tools will address topics such as the integration of water quality and soil health data.

The postdoctoral researcher will be expected to publish findings in peer-reviewed journals and present at professional conferences. The position is based on MSU's main campus in East Lansing, Michigan, and will be supervised by Dr. Subhasis Giri, Assistant Professor in the Department of Biosystems and Agricultural Engineering.

This is an end dated position for one year. Possibility of renewal will be on funding availability and performance.

EEO/AA Policy

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, age, disability or protected veteran status.

Contact Information

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

Contact Subhasis Giri
Biosystems and Agricultural Engineering

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