

**A Research Associate or Postdoctoral Researcher position in hydrologic and water quality modeling at University at Albany, State University of New York**

**Institution:** University at Albany, State University of New York

**College:** Engineering and Applied Sciences

**Department:** Environmental and Sustainable Engineering

**Location:** Albany, New York

**About University at Albany:**

Established in 1844 and designated a University Center of the State University of New York in 1962, the University at Albany's broad mission of excellence in undergraduate and graduate education, research and public service engages a diverse student body of more than 17,900 students in nine schools and colleges across three campuses.

**Position Description:**

Dr. Yaoze Liu invites applications for a Research Associate or Postdoctoral Researcher position in the area of hydrologic and water quality modeling. The Research Associate or Postdoctoral Researcher will develop and apply hydrologic/water quality models and optimization-based decision support systems (DSS) to improve water resources sustainability at the field and watershed scales, with focuses on agricultural best management practices (BMPs) and Food-Energy-Water (FEW) system. The final candidate will be hired as a Research Associate or Postdoctoral Researcher, depending on the candidate's past experiences. This position is immediately available, and the initial appointment is one year with possible renewal that depends on funding availability and the performance of the Research Associate or Postdoctoral Researcher.

Applicants must have demonstrated research experience in:

- (1) Hydrologic/water quality modeling using SWAT (Soil and Water Assessment Tool).
- (2) Programming languages, such as FORTRAN, Matlab, etc.

Other qualifications:

- (1) A Ph.D. degree in environmental engineering, agricultural engineering, or other closely related disciplines.
- (2) Strong scientific communication skills.

Interested candidates are encouraged to submit an application that includes: (1) a cover letter that describes the applicant's research experience and qualifications related to this position, (2) detailed curriculum vitae with a full list of research publications, and (3) contacts of three academic references, to Dr. Yaoze Liu via email at [yliu46@albany.edu](mailto:yliu46@albany.edu).

Application review will begin immediately and continue until the position is filled.

Yaoze Liu, Ph.D.

Assistant Professor

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