

## Research Associate or Postdoc Position in Regenerative Agriculture

**Institution:** Florida A&M University

**College:** College of Agriculture and Food Sciences

**Program:** Biological Systems Engineering

**Location:** Tallahassee, Florida

### Position Summary:

Dr. Jingqiu Chen invites applications for a Research Associate or Postdoctoral Researcher position in the area of regenerative agriculture. The ideal candidate will be responsible for conducting cutting-edge research in the fields of hydrologic and water quality modeling, digital agriculture, and plant phenotyping technologies. The successful candidate will work under the guidance of Dr. Chen and collaborate with other researchers to carry out research projects, write high-quality manuscripts, mentor graduate and undergraduate students, coordinate research and extension teams, and participate in grant writing. This position is immediately available, and the initial contract is one year, with the possibility for extension based on the satisfactory performance and the availability of funding.

### Qualifications:

- (1) A Ph.D. degree or equivalent in agricultural engineering, environmental engineering, or a related field. Candidates who have met all Ph.D. requirements and are awaiting graduation are also eligible.
- (2) The candidate must have strong track record in at least one of the following areas:
  - Advanced machine learning and deep learning frameworks.
  - IoT applications in agriculture.
  - Remote sensing and proximal sensing image analysis.
  - Hydrologic and water quality modeling, especially with tools like SWAT (Soil and Water Assessment Tool).
  - Development and implementation optimization-based decision support systems focuses on agricultural best management practices.
- (3) Proficiency in programming languages such as FORTRAN, MATLAB, Python, etc.
- (4) Strong scientific communication skills.

### How to Apply:

Interested candidates are encouraged to submit an application (a single PDF file) to Dr. Jingqiu Chen at [jingqiu.chen@famu.edu](mailto:jingqiu.chen@famu.edu) 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) contact information of three academic references.

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