



Institute of Food and Agricultural Sciences
Agricultural and Biological Engineering Department

Frazier Rogers Hall
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Gainesville, FL 32611-0570
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Position: Post-Doctoral of Agricultural Engineering (Decision Support, Agrometeorology)

Location: Department of Agricultural & Biological Engineering
University of Florida
Institute of Food and Agricultural Sciences (IFAS)
Campus Box 110570
Gainesville, Florida 32611-0570

Description: The Agricultural and Biological Engineering Department is looking for a motivated individual to join the AgroClimate group (<http://agroclimate.org/>) as a post-doctoral research associate under the supervision of Dr. Clyde W. Fraisse. The principal duties and responsibilities assigned to this position will include conducting computational research on agriculture spatio-temporal analysis to identify, measure, and monitor the effect of climate variability and extreme weather events on crop growth and development, with an emphasis in the use of Artificial Intelligence (AI)-based predictive analytics. Primary responsibilities include investigating the use of AI algorithms to improve crop yield forecasting under a project funded by the USDA National Agricultural Statistics Services (NASS). This is a 12-month, grant-funded non-tenure accruing position, in the Agricultural and Biological Engineering Department that can be extended upon availability of funds.

Qualifications: A Ph.D. in Agricultural Engineering, Geography, Meteorology or closely related field with background in Artificial Intelligence. Experience with Geographical Information Systems (GIS), remote sensing, and R/Python programming languages is desirable.

Application Deadline Date: Position open until filled; application review begins immediately.

Advertised salary: \$50,000 plus benefits.

Application: The application package must include an application letter detailing candidate's qualifications and experience relative to the position description, curriculum vitae, list of publications and unofficial transcripts. Official transcripts and three letters of recommendation will be requested of applicants being seriously considered. For questions, contact Dr. Fraisse at cfraisse@ufl.edu. Send the package by email to this address.

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Contact information: Questions regarding the position may be directed to:

Dr. Clyde W. Fraisse
Agricultural & Biological Engineering
University of Florida, P.O. Box 110570
Gainesville, FL 32611-0570
Email: cfraisse@ufl.edu

The University of Florida is an Equal Opportunity Institution dedicated to building a broadly diverse and inclusive faculty and staff. The selection process will be conducted in accord with the provisions of Florida's 'Government in the Sunshine' and Public Records Laws. Persons with disabilities have the right to request and receive reasonable accommodation.

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