

**POSITION ANNOUNCEMENT # 0001-4780
REQUISITION # 497364**

Title: Assistant Professor of Agricultural and Biological Engineering
(Hydrology / Irrigation)

Location: Indian River Research and Education Center
University of Florida
Institute of Food and Agricultural Sciences (IFAS)
Ft. Pierce, Florida 34951

Salary: Commensurate with Qualifications and Experience

Review Date: For full consideration, candidates should apply and submit additional materials by March 31, 2017. The position will open until a viable applicant pool is determined.

Duties and Responsibilities

This is a 12-month tenure-accruing position with 70% research (Florida Agricultural Experiment Station) and 30% extension (Florida Cooperative Extension Service) responsibilities located at the Indian River Research and Education Center, Fort Pierce, FL. The appointee will accrue tenure in the Department of Agricultural and Biological Engineering (ABE), Institute of Food and Agricultural Sciences (IFAS), University of Florida. The appointee will develop an internationally recognized, extramurally funded research program with emphasis on: 1) development of environmentally sound and effective water management programs for Florida, with emphasis on precision irrigation for Florida horticultural crop producers – primarily citrus; 2) hydrological processes over a range of spatial and temporal scales for agricultural, urban, and or riparian landscapes. A candidate experienced in hydrology, irrigation, and irrigation equipment, groundwater-surface water interactions, and/or modeling of related hydrologic processes is desirable. The appointee will also develop a scholarly extension program that produces measurable impacts on water conservation, best management practices, irrigation, and related topics. The extension program will be implemented statewide and is expected to use various educational methods to deliver research results and recommendations programs to county agents, growers, consultants, and agribusiness. The appointee will work with state and county faculty by providing information, educational materials, training, field days, and workshops to diverse stakeholders and publishing extension articles in IFAS' Electronic Data Information Source, newsletters, and clientele-oriented trade magazines. The successful candidate will participate in graduate education by chairing and serving on graduate committees, supervising thesis and

dissertation research, and publishing research results with students. Because of the IFAS land-grant mission, all faculty are expected to be supportive of and engaged in all three mission areas—Research, Teaching and Extension—regardless of the assignment split specified in the position description.

Basic Qualifications

This position requires a Ph.D. (foreign equivalent acceptable) in Agricultural, Civil, or Environmental Engineering, Hydrology, or a closely-related field. Postdoctoral experience is preferred. Candidates should have demonstrated skills in verbal and written communication, interpersonal relationships, and procurement of extramural funding. Previous research and/or extension experience working collaboratively across disciplines is desirable. Candidates must be supportive of the mission of the Land-Grant system. Candidates must also have a commitment to IFAS core values of excellence, diversity, global involvement, and accountability.

Background Information:

The Indian River Research and Education Center is a unit of the Institute of Food and Agricultural Sciences (IFAS) at the University of Florida, and is located on a 700-acre site west of Fort Pierce, St. Lucie County. Fort Pierce is located on the east coast of Florida, 50 miles north of West Palm Beach. The internationally recognized research center is located in a major agricultural region in which nurseries, citrus, beef cattle, and vegetables are major industries. The IRREC is an interdisciplinary unit of the Florida Agricultural Experiment Station, the Florida Extension Service, and the College of Agriculture and Life Sciences, all of which are administered by IFAS to serve the land-grant mission.

The Agricultural and Biological Engineering Department (<http://abe.ufl.edu>) at the University of Florida has diverse research, teaching, and extension programs located at the Gainesville campus and across the state at Research and Education Centers. The Department's mission is to develop professionals, create and disseminate knowledge, and promote the application of engineering, science and management principles to meet societal needs with respect to agricultural, biological, and land and water resource systems.

The University of Florida (<http://www.ufl.edu>) is a Land-Grant, Sea-Grant, and Space-Grant institution, encompassing virtually all academic and professional disciplines, with an enrollment of more than 50,000 students. UF is a member of The Association of American Universities. The Institute of Food and Agricultural Sciences (<http://ifas.ufl.edu>) includes the College of Agricultural and Life Sciences (<http://cals.ufl.edu>), the Florida Agricultural Experiment Station (<http://research.ifas.ufl.edu>), the Florida Cooperative Extension Service (<http://extension.ifas.ufl.edu>), the College of Veterinary Medicine (<http://www.vetmed.ufl.edu>), the Florida Sea Grant program (<http://www.flseagrant.org/>), and encompasses 16 on-campus academic departments and schools, 12 Research and Educational Centers (REC) located throughout the state, 6 Research sites/demonstration units administered by RECs or academic departments, and Florida Cooperative Extension Service offices in all 67 counties (counties operate and maintain). The School of Natural Resources and Environment is an interdisciplinary unit housed in IFAS and managed by several colleges on campus. IFAS employs over 2500 people, which includes approximately 900 faculty and 1200 support personnel located in Gainesville and throughout the state. IFAS, one of the nation's largest agricultural and natural resources research and education organizations, is administered by a Senior Vice President and

four deans: the Dean of the College of Agricultural and Life Sciences, the Dean for Extension and Director of the Florida Cooperative Extension Service, the Dean for Research and Director of the Florida Agricultural Experiment Station, and the Dean for the College of Veterinary Medicine. UF/IFAS also engages in cooperative work with Florida A&M University in Tallahassee.

Employment Conditions

This position is available **July 1, 2017**, and will be filled as soon thereafter as an acceptable applicant is available. Compensation is commensurate with the education, experience, and qualifications of the selected applicant.

Application Information

Nominations are welcome. Nominations need to include the complete name and address of the nominee. To ensure full consideration, please apply online and submit additional materials by **March 31, 2017**. Individuals wishing to apply should go online to <http://explore.jobs.ufl.edu/cw/en-us/job/497364> and submit:

- Application
- Cover letter that states applicant's interest in the position and qualifications relative to the credentials listed above
- Curriculum vitae
- Unofficial transcript showing receipt of the doctoral degree
- Three letters of recommendation should be sent to Dr. Alan Wright (see below).

Please refer to Requisition # 497364

Dr. Alan Wright
Chair, Search and Screen Committee
Indian River Research and Education Center
2199 South Rock Road
Ft. Pierce, FL 34945-3138
Phone: 772-577-7410
Fax: 772-468-5668
alwr@ufl.edu

The Final candidate will be required to provide official transcript upon hire. A transcript will not be considered "official" if a designation of "Issued to Student" is visible. Degrees earned from an education institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES), which can be found at <http://www.naces.org/>.

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.