POSITION ANNOUNCEMENT # 0000-0812

TITLE: Research Associate – Multi-Criteria Decision Analysis and Bioenvironmental Modeling

LOCATION: Agricultural and Biological Engineering Department
University of Florida
Institute of Food and Agricultural Sciences (IFAS)
P.O. Box 110570
Gainesville, FL 32611

ACTUAL LOCATION: Vicksburg, Mississippi

SALARY: Commensurate with Experience and Qualifications

POSITION OPEN TO: 12/20/2006

DUTIES AND RESPONSIBILITIES: This is a three year non-tenure accruing position that will be 100% research in Bioenvironmental and Decision Modeling. Areas of expertise will include one or more of the following areas: Risk Based-Decision Analysis, Bayesian Network Analysis and Operations Research and Bioenvironmental Modeling.

The appointee will be expected to (a) conduct multi-criteria decision analysis as applied to complex environmental challenges, (b) have familiarity with commercially available decision packages and with other related techniques, such as Bayesian techniques and networks, neural networks and uncertainty analysis, (c) have experience in ecological modeling and environmental risk analysis in spatially explicit, environmental risk modeling, process-based ecological modeling and object-oriented design/programming. Candidates will also be expected to present research findings at national and international society meetings and conferences and to publish results in peer-reviewed publications.

BASIC QUALIFICATIONS: A Ph.D. in engineering or environmental science. Candidates must be able to work effectively in a team environment. Candidates should have demonstrated skills in verbal and written communication, interpersonal relationships, and procurement of extramural funding. 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 Agricultural and Biological Engineering Department is a unit in the Institute of Food and Agricultural Sciences (IFAS) at the University of Florida and has diverse teaching, research and extension education programs with 31 faculty members located on the Gainesville campus and six faculty located across the state at research and education centers (see website www.agen.ufl.edu). The University of Florida is a Land-Grant institution with an enrollment in
excess of 46,000 students on the Gainesville campus and a member of the Association of American Universities with centers throughout the state, and Cooperative Extension units in each of Florida’s 67 counties and the Seminole Tribe. A Vice President and four deans administer IFAS, one of the nation’s largest agricultural and natural resources research and education organizations, the Dean of the College of Agricultural and Life Sciences, the Dean for Extension, the Dean for Research, and the Dean for the College of Veterinary Medicine.

Note: The candidate will be stationed at the US Army Corps of Engineers: Engineering Research & Development Center in Vicksburg, MS.

HOW TO APPLY: Interested persons are requested to submit the following items: 1) letter of application including a summary of interests, experience and qualifications related to the position; 2) complete resume of professional experience including all publications; 3) names and contact information of four references who may be asked for letters of recommendation; and 4) official transcripts of Ph.D. degree. **Women and minorities are encouraged to apply.**

REFER TO POSITION# 0000-0812

RETURN INQUIRIES TO:

Dr. Greg Kiker
Assistant Professor
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*The University of Florida is an equal opportunity, equal access, and affirmative action employer. The Government in the sunshine@laws of Florida requires that all documents relating to the search process, including letters of application/nomination and reference, except transcripts, be available for public inspection. Persons with disabilities have the right to request and receive reasonable accommodation.*