Sr. Engineer, Water Resources

Univ of FL-SW FL Research & Education Center – Immokalee, FL

Technical position for research, extension, and teaching of water resources (quantity and quality) and associated ecology linkages related to agricultural and biological systems. The incumbent will be responsible for designing the measurement systems for water and chemical fluxes to and from natural systems, developing and implementing construction plans for water resources projects, carrying out field and laboratory experiments related to water resources, research/extension projects, analyzing data and assisting and writing technical reports, scientific publications and contributing to education of graduate students or post-doctoral associates. The responsibilities will include co-development of grant funding proposals with the program leader. The incumbent will also be responsible for developing educational materials such as graphics, slides, poster presentations, extension publications, and assist the water resources specialist with SW Florida Research and Ed Center (SWFREC) or off-site demonstrations in the areas of agricultural and biological engineering including land and water management. He/she will be expected to accept responsibilities with minimum supervision and should set priorities and schedule efficiently for him/herself, as well as the field staff and, to some extent, graduate students and post-doctoral associates for field research.

MS or BS in agricultural biological/civil/environmental/chemical or other engineering or related sciences preferred. Proficiency in at least one programming language (e.g. Visual Basic, C) and have a basic knowledge of electronics theory. Expected to have good analytical skills and understanding of hydrology and water quality of agricultural and/or natural systems. Prior experience in dataloggers and water quality samplers preferred. Calibration of hydrologic instruments, assembling circuit components, and surveying equipment (laser level, theodolite) a plus. Must be able to work under outdoors field conditions in urban, agricultural, and natural areas. Must be proficient in communicating in English language.

The University of Florida is an Equal Employment Opportunity (EEO) institution. A criminal background check will be conducted. Full-time, 12 month position. Salary is between $42,000 to $55,000 annually. To be considered for this position you must enter your application online at https://jobs.ufl.edu/hr/postings . The Requisition # is 0907621, listed under Staff Positions.