

## **Assistant Professor - Soil Physics**

**Location:** Department of Crop & Soil Sciences, University of Georgia, Athens, GA

**Salary:** Commensurate with qualifications and experience.

**Duties and Responsibilities:** This 9-month, tenure-track position involves 40% teaching and 60% research. The successful candidate will be expected to implement a teaching program focused on soil physics and hydrology in Georgia, and to develop an internationally recognized research program on soil physics/hydrology. Potential areas of research include numerical modeling of soil processes across spatial and temporal scales; physical controls on soil and ecosystem processes associated with climate change; water quality and quantity in agricultural and urban streams; rhizosphere processes and their interactions with water, nutrient, and contaminant transport in soil and the vadose zone; and impacts of soil physical properties, hydrologic processes, and soil water dynamics on nutrient cycling and microbial processes. This position will fill a critical campus need for expertise on soil physical processes in the critical zone, and will complement soil and environmental scientists at UGA. The incumbent will be expected to collaborate with relevant programs on campus and demonstrate experience and interest in working with interdisciplinary groups. Teaching responsibilities include a split-level undergraduate-graduate soil physics course, an undergraduate introduction to water resources course, a graduate watershed-scale modeling course, and an advanced graduate course in the individual's area of expertise. One or two of these courses could be offered on an every-other year basis – depending on student demand and programmatic responsibilities. The successful candidate will be expected to maintain an active, externally-funded research program, publish research results in peer reviewed journals, maintain a Federal Hatch project, supervise graduate students, and advise undergraduate students. Responsibilities could change depending on program and/or departmental needs.

**Qualifications:** Ph.D. in soil science with focus on hydrology and/or soil physics, with experience and demonstrated interest in teaching.

**Application:** Applicant screening will begin immediately. Candidates are encouraged to submit their materials by June 15, 2017; however, screening will continue until the position is filled. The application packet should include a cover letter detailing how the applicant's credentials and experience meet the needs, responsibilities, and qualifications of the position; current CV; and contact information for three references (**who will not be contacted without further correspondence with the applicant**). All applicants must apply online at FacultyJobs@UGA. Please see the job posting at: <http://facultyjobs.uga.edu/postings/303>. Nominations, questions and/or other inquiries should be directed to Gary L. Hawkins, ghawkins@uga.edu, 3111 Miller Plant Sciences Building, Athens, GA 30602.

The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, gender identity, sexual orientation or protected veteran status.