

Assistant Professor (Soil Physics/Environmental
Modeling/Hydropedology)
LSU Agricultural and A&M College

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Posted Nov. 22, 2022, set to expire Nov. 10, 2023

Job Title	Assistant Professor (Soil Physics/Environmental Modeling/Hydropedology)
Department	East Baton Rouge Parish
Institution	LSU Agricultural and A&M College Baton Rouge, Louisiana
Date Posted	Nov. 22, 2022
Application Deadline	Feb. 17, 2023
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Agricultural - General
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Job Description	

POSITION VACANCY ANNOUNCEMENT

Job Description

Work Location:School of Plant, Environmental and Soil Sciences, LSU AgCenter and LSU College of Agriculture, Baton Rouge, Louisiana.

Position Description:The appointment is 12 month (70% research and 30% teaching), tenure-track in soil physics / environmental modeling / hydropedology.

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Research: Develop and/or amend environmental impact models (water and air quality) for site-specific conditions. The position is integral to the cropping system modeling group and is supported by soil scientists in other sub-disciplines. The successful candidate will develop interdisciplinary research to advance the understanding of hydrological and pedological processes. Research will include fundamental soil physics and applied hydropedology that address practical issues in environmental and agronomic sciences. Current needs include investigating the effects of management (cover crops, fertilization, pesticide application, tillage, etc.) on the sustainability of agricultural systems themselves and within the broader environment. The position requires obtaining extramural funding in support of research and publishing in peer-reviewed journals.

Teaching: Teach undergraduate and graduate courses in soil physics, environmental impact modeling, hydropedology, and other related courses as needed.

Qualification Requirements: PhD in soil physics or closely related discipline with a strong background in mathematics and modeling (including numerical methods and coding) are required. Experience with field and laboratory methods (standard and new or promising), and a commitment to effective teaching is expected. Knowledge and interest in pedology is highly desirable. Must be able to work closely with others and have excellent verbal and written communication skills.

Salary and Benefits: Salary will be commensurate with education and experience. The LSU AgCenter has an attractive benefits package with a wide variety of benefit options. Current benefits offered include retirement, multiple medical insurance options, supplemental insurances (dental, life, long term disability, accident, vision, long-term care, etc.), Tax Saver Flexible Benefits Plan (saves tax dollars on some child care and medical expenses), university holidays (14 per year, typically includes a week off at Christmas), generous annual (vacation) and sick leave benefits, Employee Assistance Program, and possible educational leave and tuition exemption for coursework at campuses of the LSU System. Specific benefits depend on job category, percent effort and length of employment.



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Date Available: Upon completion of the selection process.

Application Deadline: February 17, 2023 or until a suitable candidate is identified.

Application Procedure: Apply online at <https://lsu.wd1.myworkdayjobs.com/LSU> (or through Workday for internal applicants) by attaching cover letter along with current CV including a statement of professional interest and goals, official university transcripts, two letters of reference, and a statement describing how diversity would figure into your teaching, research, or extension activities. Paper, faxed or e-mailed application materials will not be accepted, except that in lieu of attaching the reference letters online, they may be sent directly to:

Lewis Gaston

Professor, School of Plant Environmental and Soil Sciences

LSU AgCenter

Baton Rouge, LA 70803

Phone: 225-578-1323

Email: lagaston@agcenter.lsu.edu

Website: www.lsuagcenter.com

The LSU Agricultural Center is a statewide campus of the LSU System and provides equal opportunities in programs and employment. An Equal Opportunity/Affirmative Action Employer.

Contact Information

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Please reference Academickeys in your cover letter when
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Contact

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