

Assistant Professor – Water Resources Engineering

Appointment: 9 month COALS, 1 month AgriLife Research appointment, tenure track

Administrative Relationships: Reports to Biological & Agricultural Engineering Dept. Head

Work Location: College Station, TX

Date Position is Available: June 1, 2019

Job Duties: Establish an integrated teaching and research program of national recognition that will positively address the water resource needs in Texas, the nation and/or internationally. Participate with and add unique capabilities to existing water science and engineering teams at the department, college and university levels. Partner with and address needs of stakeholders such as the Texas Water Resources Institute, state and federal water management agencies and organizations, water districts, or utilities. Direct graduate research, establish a publication record, and attract extramural funding. Teaching responsibilities will include subject matter appropriate to the individual's expertise in the department's undergraduate and graduate courses. In addition, the incumbent will advise both undergraduate and graduate students. Participation in professional improvement efforts and an appropriate level of service to the department, institution, and/or profession is expected. Participate as appropriate in the Water Management/Hydrologic Sciences faculty and graduate program. The incumbent may obtain an appointment with other departments addressing water resource issues if desired.

Required Education: By date of appointment, earned Ph.D. in Agricultural, Biological, Biosystems, Civil, Environmental, Geological, or other engineering discipline.

Required Experience: Demonstrated potential for leading a research and teaching program, with documented expertise in water resources engineering. Experience is required in one or more of the following areas: surface or subsurface hydrology (skilled in observational techniques, process modeling, or stochastic modeling), water resources systems, irrigation and drainage, water system resilience under climate change, or integration of big data and artificial intelligence tools into water management/hydrologic systems.

Preferred Experience: Experience in applying advanced computer modeling or field observational techniques, multi-scale hydrologic process understanding, or systems analysis tools to water resource applications. Demonstrated success in grantsmanship;

innovative and effective instruction in related subject matter; experience in two or more of the areas listed for required experience.

Required licenses: Licensed or ability to become licensed as a professional engineer.

Required special knowledge, abilities, and skills: Effective verbal and written skills. Ability to work both independently and as a multi-disciplinary team member.

Application Process: Letter of application describing previous academic experience and vision for this position, resume, names and contact information for three references.

For issues regarding application process, contact Cheryl Yeager at clyeager@tamu.edu.

Review of applications will begin January 7, 2019.

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https://tamus.wd1.myworkdayjobs.com/en-US/TAMU_External/job/College-Station-TAMU/Assistant-Professor_R-014195-2

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