TENURE TRACK ASSISTANT PROFESSOR POSITION 2023
On Adaptive and Resilient Infrastructure Systems

The Rice University Department of Civil and Environmental Engineering invites applications for a tenure track assistant professor position in the area of Adaptive and Resilient Infrastructure Systems. Outstanding candidates at higher ranks will also be considered. We seek candidates with deep foundational expertise and an interest in interdisciplinary research to envision and enable resilient, adaptable, smart, just and equitable infrastructure systems of the future. Candidates are expected to bring strong theoretical, analytical, or modeling expertise to bear on pressing challenges of modern civil infrastructure systems (i.e., energy, transportation, water) and may be working across a range of scales (e.g., facility, community, regional, national, or global). Areas of interest include, but are not limited to: (1) complex systems modeling and the design of intelligent infrastructure systems that are adaptable, controllable, or reconfigurable; (2) socio-technical systems analysis and the pursuit of just and equitable infrastructure systems and their services; (3) climate adaptive and hazard resilient infrastructure in the face of uncertain chronic and punctuated stressors; (4) data science, machine learning, and risk-informed decision-making, optimization and planning related to infrastructure maintenance and management.

Rice seeks to increase representation of women, minorities, people with disabilities, and veterans in disciplines in which they have been underrepresented. In addition, Rice wants to attract international students from a wide range of countries and backgrounds, accelerate progress in building a faculty and staff who are diverse in background and thought, and support an inclusive environment that fosters interaction and understanding.

Application Requirements and Expectations. All candidates must have earned a Ph.D. degree in Civil and Environmental Engineering or a related field conferred by July 1, 2023. Successful candidates are expected to establish a rigorous, externally funded research program, have a strong commitment to excellence in teaching, teach and develop core undergraduate and graduate courses within their area of expertise, collaborate with faculty in diverse disciplines, and be involved in service to the university and the broader scientific community. Furthermore, the successful candidate will advise/mentor undergraduate and graduate students from diverse backgrounds.

Applications must include a cover letter that summarizes qualifications for this position; a CV; statements of research, teaching interests, and service, as well as a statement on how applicants would contribute to a diverse and inclusive learning community at Rice through teaching, research, and service; and the names and contact information of three references. To apply, please submit materials in electronic form through the Rice Application Portal below. **Review of applications will begin November 1, 2022 and continue until the position is filled. APPLY HERE**

More About Rice University. Rice University is a private, comprehensive research university located in the heart of Houston's dynamic Museum District. Houston is the fourth largest city in the United States and also one of the most diverse cities in the country with rich cultural activities and robust economic opportunities. Rice has a vibrant research enterprise, world-class research centers, institutes, and interdisciplinary initiatives, and a 6-to-1 undergraduate student-to-faculty ratio, all of which foster collaboration opportunities and high quality of life among faculty, researchers, and students. The George R. Brown School of Engineering at Rice ranks among the top 20 of undergraduate engineering programs (US News & World Report) and is strongly committed to nurturing the aspirations of faculty, staff, and students in an inclusive environment.

Rice University is an Equal Opportunity Employer with commitment to diversity at all levels and considers for employment qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national or ethnic origin, genetic information, disability, or protected veteran status.