Graduate Research Assistant (M.S./Ph.D.) Positions Available in TRansportation and Information CommonS Laboratory (TRICS Lab) at OU

Graduate Research Assistant (M.S./Ph.D.) positions are available from Spring 2022 (starting January 2022) in the areas of sustainable and resilient transportation systems in the School of Civil Engineering and Environmental Science at the University of Oklahoma, Norman, OK, USA. Prospective students must have a B.S./M.S. degree in Civil Engineering. A candidate is expected to have the ability to work in a multidisciplinary team environment. As a part of the research, students will be involved in developing novel design interventions as well as data-driven and agent-based models for interdependent networks (see the TRICS Lab research focus areas below). TRICS Lab research has been funded by National Science Foundation (NSF), United States Department of Transportation (USDOT) – University Transportation Center (UTC), and United States Agency for International Development (USAID) among others.

Preferred Skills of Prospective Candidates:
- Programming (Python, Java, C++, Matlab)
- Statistical analysis
- Network analysis
- Machine learning
- Geographic information system (GIS)
- Linux operating system

TRICS Lab Focus Areas:
- Infrastructure resilience and sustainability
- Interdependent networks
- Evacuation modeling
- Social influence modeling
- Complex systems
- Resource sharing and risk communication

Prospective candidates with interests in pursuing a M.S./Ph.D. in Civil Engineering should email with a CV to Dr. Arif Sadri summarizing how their story and credentials align with the above focus areas (contact details below)

Contact:
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