Postdoctoral Fellowship (City Comparisons) in Urban Resilience to Weather-Related Extreme Events

The Julie Ann Wrigley Global Institute of Sustainability at Arizona State University

Urban Resilience to Extremes Sustainability Research Network (UREx SRN)

About UREx SRN
Post-doctoral fellowship positions are available at Arizona State University beginning as early as July 2018, working with the Urban Resilience to Extremes Sustainability Research Network, which aims to generate knowledge and promote actions that will ensure resilience of cities in the face of extreme events. The network of nine cities and 17 institutions includes US and Latin American cities and conducts collaborative, interdisciplinary research across ecological/physical science, social science, and engineering domains. UREx SRN is funded by the National Science Foundation, Award Abstract # 1444755.

Job Description
Under the supervision of Nancy Grimm and Charles Redman, the City Comparisons Postdoctoral Fellow will work with the UREx SRN City Comparisons Working Group in compiling and analyzing data from the nine network cities. The City Comparisons Postdoctoral Fellow will develop comparative research on network cities’ preparedness for extreme events, historical analysis of past extreme events, social and ecological vulnerability, or other topics related to the goals of the project and consistent with the applicant’s skills. The Postdoctoral Fellow will help to develop visualizations and other products for use in future scenarios projects and will have opportunities to work with a variety of working groups and task forces to further UREx SRN goals.

Essential Duties
Conduct outstanding research; compile, analyze, and synthesize data in scientific publications.

Minimum Qualifications
- Applicants must have completed their Ph.D. in a relevant field by the start date of the appointment.
- Applicants must have training or experience in one or more of the following disciplines: ecosystem science, geography, landscape or urban ecology, environmental engineering, or sustainability.
- Evidence of ability to conduct independent research, to collaborate across disciplines, and to publish research results.

Desired Qualifications
Demonstrates experience in one or more of the following skills: spatial statistical analysis or modeling; discovery, compilation, and analysis of existing data from public sources; geographic information systems
Instructions to Apply
To review and apply for this position, please visit: http://apply.interfolio.com/49996. Applicants must submit: 1) a cover letter explaining how prior experience and qualifications are appropriate to the job activities; 2) a Curriculum Vitae; 3) a statement of research accomplishments, interdisciplinary experience, and goals related to the program; 4) a sample of scholarly writing (i.e., a published article, dissertation chapter); and 5) the name, phone number, address, and e-mail address of three references. Only electronic applications will be accepted.

Application Close Date
Initial close date is April 15, 2018; if not filled, reviews will occur every two weeks thereafter until search is closed.

Department and Project Information
The Julie Ann Wrigley Global Institute of Sustainability conducts research, education, and problem-solving related to sustainability, with a special focus on urban environments. The Institute initiates and nurtures work on issues of sustainability across many departments on the four campuses of ASU, and collaborates with other academic institutions, governments, businesses and industries, and community groups locally, nationally, and globally.

Background Check Statement
ASU conducts pre-employment screening for all positions which includes a criminal background check, verification of work history, academic credentials, licenses, and certifications. Employment is contingent upon successful passing of the background check.

Arizona State University is an Equal Opportunity/Affirmative Action employer. The Julie Ann Wrigley Global Institute of Sustainability actively encourages diversity among its applicants and workforce.