

Postdoctoral Fellowships in Urban Resilience to Weather-Related Extreme Events

Post-doctoral fellowship positions are available at Arizona State University beginning as early as May 2016, to work on the new Urban Resilience to Extremes Sustainability Research Network ([URExSRN](#)), 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 Latin American cities and conducts collaborative, interdisciplinary research across ecological/physical science, social science, and engineering domains.

City Comparisons Postdoctoral Fellow:

- training and expertise in ecosystem science, geography, landscape or urban ecology, environmental engineering, or sustainability
- will work with City Comparisons Working Group in compiling and analyzing data to develop visualizations and other products for use in future scenarios projects
- will develop comparative research on network cities' preparedness for extreme events, historical analyses of past extreme events, social and ecological vulnerability, or other topics related to the goals of the project and consistent with skills of the fellow
- spatial statistical analysis or modeling and/or GIS capability desired

To review and apply to this position, please visit: <http://apply.interfolio.com/33253>.

Scenarios Postdoctoral Fellow:

- training and expertise in urban planning, urban ecology, sustainability, futures
- will work with Scenarios Working Group to orchestrate future scenarios workshops in network cities
- will develop research on some aspect of futures modeling, scenario development, or visioning

To review and apply to this position, please visit: <http://apply.interfolio.com/33254>.

Social-Ecological-Technical Systems (SETS) Integration Postdoctoral Fellow:

- training and expertise in civil engineering, environmental engineering, urban/regional planning, or any other field where the candidate has developed a strong understanding of gray infrastructure systems
- will work with the SETS Integration Working Group to develop case studies of and strategies for integrated social-ecological-technological solutions for urban infrastructure design for extreme events
- will couple urban infrastructure, social, and ecological data with extreme events forecasts to model the resilience of urban systems
- existing big data modeling, programming and/or GIS experience desired

To review and apply to this position, please visit: <http://apply.interfolio.com/33255>.

The application deadline is January 31, 2016, if not filled; reviews will occur every two weeks thereafter until the search is closed.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, sexual orientation, gender identity, religion, national origin, disability, protected veteran status, or any other basis protected by law (see <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX/>)