**Postdoctoral Position at Florida International University: Urban Resilience to Extremes**

Desired start date: Spring 2017

Duration: 2 years

Salary: 50,000/year plus benefits

Location: Florida International University (FIU) in Miami, FL in collaboration with Clark University in Worcester, MA.

We seek a post doc fellow to investigate the dynamics of cities’ resilience and vulnerability in the face of extreme climate events and socioeconomic change. The position is part of the Urban Resilience to Extremes Sustainability Research Network (UREx-SRN), which aims to generate knowledge and promote actions to 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. For more information, visit <http://URExSRN.net>.

The Postdoctoral Fellow will collaborate with the SRN’s Miami science-practitioner team, the City Comparisons, Vulnerability Assessment and Transitions and Implementation cross-cutting theme Working Groups. The primary responsibilities will be to integrate data from cities in the network in order to analyze differentiated patterns as well as emergent trends in their vulnerability or resilience to climate extremes. The post-doc will (1) help prepare relevant remote sensing, social/policy and environmental datasets, (2) lead dataset integration with an existing vulnerability framework, (3) apply the framework towards a vulnerability assessment of Miami in partnership with City of Miami Beach practitioners, (4) develop comparative assessments of cities in UREx-SRN, (5) assist in the development of visualizations and scenarios, and (6) publish research findings in the peer-reviewed literature and travel to science meetings and conferences to present work.

Qualifications: A PhD in geography, urban ecology, sustainability or a related field is required. Candidates should have knowledge of vulnerability and resilience frameworks and urban socio-ecological systems, and experience with GIScience and statistical analysis. Preference will be given to applicants with experience working on collaborative, interdisciplinary research teams. The successful candidate will have a good record of scientific publications. Several network cities are Latin American or have significant Spanish-speaking populations, and Spanish language skills are an added advantage.

Institutional and Regional Setting: The position will be based in the Institute of Water and Environment (<http://inwe.fiu.edu/>) at FIU (<http://www.fiu.edu/>). InWE brings together university-wide centers, research programs, scientists and engineers to address regional, national and global water and environmental issues through innovative, interdisciplinary research and cutting edge technology. It houses the Florida Coastal Everglades Long Term Ecological Research program (<http://fcelter.fiu.edu/>) and FIU Sea Level Solutions Center ([http://slsc.fiu.edu/)](http://slsc.fiu.edu/%29) that works in synergy with the UREx SRN. FIU is a public research university in Miami with a highly diverse, vibrant, and growing student body located near the edge of the Everglades. Our multiple campuses serve over 50,000 students, placing FIU among the ten largest universities in the nation. FIU is Carnegie-designated as both a research university with high research activity and a community-engaged university. FIU leads the nation in granting bachelor's degrees, including in the STEM fields, to minority students, and is first in awarding STEM master's degrees to Hispanics.

The position will work closely with Clark University’s Graduate School of Geography (GSG, <http://www.clarku.edu/departments/geography/>) is a top ranked Geography program in the USA, with world-renowned faculty conducting groundbreaking research on issues of environmental and social significance. The GSG maintains productive ties with the George Perkins Marsh Institute (<http://www.clarku.edu/departments/marsh/>), leading nearly a century of applied research on the natural, technological and socioeconomic dimensions of human-environment relations.

The position will be co-mentored by Drs. Kevin Grove (FIU) and Rinku Roy Chowdhury (Clark). Please submit a complete application (cover letter, CV, transcripts and contact information for three references) in a single PDF file to kgrove@fiu.edu and rroychowdhury@clarku.edu, including “**Urban Resilience Postdoc**” in the subject line. Screening of applications will begin on February 13 and continue until the position is filled.

FIU is a member of the State University System of Florida and is an Equal Opportunity, Equal Access Affirmative Action Employer.