

Post-Doctoral Associate

Initiative on Sustainable Infrastructure, Sustainable Cities (SISC)
Humphrey School of Public Affairs
University of Minnesota

The Initiative on Sustainable Infrastructure, Sustainable Cities (SISC) is a new program at the University of Minnesota Humphrey School of Public Affairs. The initiative will lead efforts to coordinate research, education and outreach activities in the area of low carbon, sustainable cities. SISC is the recipient of a National Science Foundation Research Coordination Network (RCN) grant and a National Science Foundation Partnerships for International Research and Education (PIRE) grant totaling over \$5 million in federal funds. We seek a post-doctoral associate to work on high impact international research on sustainable cities with PI Ramaswami and students in the PIRE project.

Minimum Qualifications

- PhD in Engineering, Environmental Sciences, Economics, Public Policy or related field (ABD candidates may apply but must have defended their dissertation by Feb 2013)
- Proficiency in MS Office (primarily Word, Excel, PowerPoint)

Preferred Qualifications

- Demonstrated capacity for inter-disciplinary work in Sustainable Urban Systems
- Expertise in urban economic input-output modeling, EIO-LCA, energy systems modeling, in particular Electricity Portfolio Modeling is desired
- Excellent research skills and a professional work ethic
- Excellent oral and written communications

Responsibilities

- Participation in the design, implementation, and evaluation of research
- Collect and analyze data
- Participate in preparing and presenting data to investigators and other interested parties
- Collaborate on reports, conference papers and publications

The Post Doc will have the opportunity to work in cities in the US, China and India as part of the new [NSF PIRE grant](#).

Teaching opportunities also abound both at the University of Minnesota and in the International PIRE program.

Unique networking opportunities are available to the successful candidate through the [NSF RCN](#)

For information about our NSF PIRE & RCN grants see:

[NSF PIRE](http://1.usa.gov/RgWLD0) - <http://1.usa.gov/RgWLD0>

[Research Coordination Network \(RCN\)](http://1.usa.gov/qx6u9S) - <http://1.usa.gov/qx6u9S>