



Post Doctoral Position at University of Puerto Rico, Mayagüez

The Environmental and Water Resources Engineering Area in the Department of Civil Engineering and Surveying, at the University of Puerto Rico, Mayagüez is seeking applications for a postdoctoral position to work in assessment of the fate and transport of contaminants in karst groundwater systems and their potential to reach exposure points. The successful candidate will investigate the effect of extreme hydrologic events on dynamic fate and transport of contaminant mixtures in these systems, and will undertake collaborative research within a multidisciplinary team to assess and minimize potential exposure to superfund contaminants. The research will involve integration of data collection and analysis at the field level. Groundwater, water quality, statistical, and geospatial analysis will be important components of this work.

The postdoctoral position is supported by a NIEHS grant (PRoTECT, <http://www.northeastern.edu/protect/>), and offers an excellent environment for working with a highly skilled multidisciplinary team focused on establishing potential relationships between environmental contaminants and adverse reproductive outcomes. The team includes faculty and research associates from a range of science, engineering, and biomedical disciplines, and academic institutions. The postdoctoral position will also provide opportunities for the candidate to develop other research activities.

A Ph.D. in civil/environmental engineering, chemical engineering, water resources, hydrology, geosciences, environmental science, or related fields is required at the time of appointment. Required qualifications include strong oral and written communication skills. Knowledge and experience in groundwater systems, contaminant hydrology, GIS modeling, statistical analysis, and fieldwork are necessary. The successful candidate will: plan, coordinate, and conduct field research work; collect and analyze field samples and historical contamination data; develop spatiotemporal correlative relationships; participate in training activities; collaborate in the integration of multidisciplinary work among researchers and institutions; prepare manuscripts for publications; and present research work at meetings.

Evaluation of applications and interviews of applicants will begin immediately and continued until the position is filled. The annual salary + benefits package for this position is \$41,500. Applicants should send a cover letter, a full CV, a statement of research interest, transcripts, and the names of three references to Dr. Ingrid Padilla, Department of Civil Engineering and Surveying, University of Puerto Rico, Mayagüez, PO Box 9000, Mayagüez PR 00681; Email: ingrid.padilla@upr.edu.

The University of Puerto Rico is an affirmative action, equal opportunity employer.