

Western Engineering

Postdoctoral Associate Position Opportunity

Department: Civil & Environmental Engineering

Supervisor: Dr. Clare Robinson

Description of Research and Position:

A post-doctoral associate is sought to conduct research on assessing the performance of urban storm water bioretention system in removing nutrients from road run off. The post-doctoral research fellow will lead field investigations designed to identify nutrient removal processes in established bioretention systems, design and conduct laboratory soil column experiments and develop a variably saturated reactive transport model to simulate the combined flow and reaction processes.

Accountabilities of the Role:

Accountabilities include designing and executing field and laboratory experiments, developing a variably saturated reactive transport model and reporting research outcomes. The post-doctoral associate will also coordinate with the larger research team and industry partners, and disseminate research findings in conference and journal papers.

Applicants are expected to have a background in groundwater or surface water hydrology, geochemistry, or urban LID storm water systems. Experience in (a) implementing field sampling and monitoring systems, (b) laboratory

Educational Requirements necessary for the Role:

Applicants must have a PhD in a relevant discipline and publications in highly respected international journals.

Number of Opportunities: 1

Proposed Start Date: 02/26/2018

Length of Appointment: 12 months

Please note that the length of appointment may change.

How to Apply:

Please send your CV, a list of two references (along with contact phone and email) and a cover letter summarizing qualifications and research interests to Dr. Clare Robinson (crobinson@eng.uwo.ca).

Posting Expires: 1 February 2019

Note: Postings must be publicly available for a minimum of 10 days.