PhD Position: Assessment of nutrient loading from groundwater on algal communities in small, agricultural streams

Motivated PhD student sought for a unique opportunity to conduct research on algal response to groundwater inputs of nutrients in agricultural streams. The student project is a component of interdisciplinary research project funded by the NSERC strategic project grant program involving ecologists, biogeochemists, hydrogeologists and engineers from Western University and Environment and Climate Change Canada. The student project will include a mix of observational and experimental field studies aimed at identifying the role of groundwater fluxes of nutrients as a control of spatial variation in algal community structure and function in small agricultural streams in southern Ontario, Canada. Student responsibilities will include designing and executing experiments, analyzing and reporting research outcomes, as well as coordinating with the larger research team.

Applicants are expected to have a strong background in aquatic ecology, environmental science or related discipline and interest in designing experiments and conducting field and lab work. Ability to work as part of a team is a must.

The successful candidate will be based at Western University in London, Ontario.

**Required qualifications:**

- M.Sc. in Ecology, Environmental Science or related discipline
- Meet enrolment requirements of the Dept of Geography at The University of Western Ontario ([http://geography.ssc.uwo.ca/grad](http://geography.ssc.uwo.ca/grad))

**Additional desired qualifications:**

- Experience conducting aquatic fieldwork
- Knowledge of univariate and multivariate statistical analyses
- Demonstrated written and oral communication skills
- Valid Driver’s license

Please send your CV, a list of two references (along with contact phone and email), unofficial transcripts and a cover letter summarizing qualifications and research interests to Dr. Adam Yates at adam.yates@uwo.ca. Start date is May 2018 but opportunities for a January, 2018 start date are possible. Applications will be reviewed as they are received and will continue until the position is filled.