PhD Position: Assessment of potential and realized benefits of agricultural best management practices

Motivated PhD student sought for a unique opportunity to conduct interdisciplinary research as part of a 4 year degree program in the StrEAMS lab at Western University. Student project will focus on the study of agricultural best management practices in the Lake Winnipeg Basin. Aims will include a spatial, GIS based, assessment of potential water quality and ecological benefits of BMPs in the Red River Valley as well as field assessments of individual BMPs aimed at reducing nutrient loadings to Lake Winnipeg tributaries. The successful applicant will join a team of scientists from Western University and Environment and Climate Change Canada. Student responsibilities will include designing and executing experiments and analyzing and reporting research outcomes.

Applicants are expected to have a strong background in aquatic biogeochemistry, 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, Chemistry 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)

Additional desired qualifications:

• Experience conducting aquatic fieldwork
• Experience with ArcGIS and associated software
• 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 can be as early as January 2018 with additional opportunities for enrollment in May or September of 2018. Applications will be reviewed as they are received and accepted until the position is filled.