



## **Master of Applied Science and Management – Scaling Up Field Level Farm Surveys to Landscapes**

We are seeking to hire an environmentally-focused masters student to join our multi-disciplinary, multi-institutional project team. Team members consist of scientists and graduate students from Ryerson University, the Ontario Ministry of the Environment, Conservation, and Parks, and Environment and Climate Change Canada. The successful applicant will work closely with the rest of the team to generalize farm scale land management surveys to the landscape scale to inform watershed modelling.

This would be an excellent opportunity for a student to build a network that includes academic and government scientists. This project also addresses a number of issues of local and global importance, including land use change, upscaling fine scale data, and nutrient pollution.

Applicants must have, or be within a semester of receiving, an undergraduate degree in a field that studies the environment. Preference will be given to candidates with strong quantitative skills. Experience with scripting language(s) such as R, MATLAB, or Python would be an asset, as would experience with one or more GIS software environment(s), such as ArcGIS, QGIS, GRASS, SURFER, etc.

Please submit your application package electronically as a single pdf file to (christopher.wellen@ryerson.ca); include “Land\_Masters\_Surname\_FirstName” in the subject line. Your application should contain:

- A cover letter stating your motivation and qualifications for applying to this position, as well as your research experience and interests (1 page max);
- A resume; and
- Unofficial transcripts

Closing date: Applications will be reviewed by the PI April 30, 2021, with options to start in September of 2021 or January of 2022.

Proudly diverse and intentionally inclusive, Ryerson University is committed to community engagement, action, inclusion, respect for Aboriginal perspectives, equity, diversity and putting people first. Ryerson was named one of Canada’s Best Diversity Employers in 2019. We thank all applicants for their interest, however, only those individuals selected for an interview will be contacted.