



# Forest Ecology Research Group

## Research Technician Position in the Forest Ecology Research Group

### Description

There is an 18-month research technician position available as part of the Global Water Futures Observatories program. Global Water Futures Observatories (GWFO) monitor and help support the development of solutions for the impending water crisis that is facing Canadians and are an early warning system for the water disasters that increasingly afflict Canada. GWFO is an integrated, networked facility of 76 instrumented basins, lakes, rivers, and wetlands, 27 deployable observation systems, and 31 state-of-the-art water laboratories that provides urgently needed scientific data to deliver flood, drought, and water quality solutions. GWFO operates on an unprecedented national scale, across 7 provinces and territories, 6 major river basins, and the Great Lakes Basin. The program leverages \$73.5M in investments from the Canada Foundation for Innovation (CFI) and the 9 partner universities.

The incumbent will be based in the Forest Ecology Research Group ([www.forestecology.ca](http://www.forestecology.ca)) within Wilfrid Laurier University's (Laurier) Biology Department on Laurier's Waterloo Campus. We are looking for a motivated, energetic individual to contribute to ongoing research projects in sub-arctic forest research projects in northern Canada including but not limited to studies focused on the impact of wildfire and permafrost thaw on northern forests.

The incumbent will assist in the coordination and will participate in field-level assessments at various northern locations and laboratory analyses where appropriate. This position will be required to travel and participate in field work that is expected to occur a few times per year. This may include several weeks of time in remote locations each travel period. Operation and maintenance of equipment, supervision of student activities, competency in field work in isolated locations, and assistance with data management, analysis, and interpretation are integral to the position. A primary requirement of the role is the ability to positively interact and work with members of communities and partner organizations.

### Experience/Qualifications

- MSc in biology or a similar environmental science
- Experience in boreal plant identification;
- Experience conducting remote field research campaigns;
- Strong organizational skills and ability to work independently
- Experience with data management and analysis
- Experience in GIS analysis would be a strong asset
- A valid G driver's license is required and willingness to travel and work in northern locations;

### Position details

- Full time, 18-month position at Wilfrid Laurier University with salary commensurate with experience
- Based out of Waterloo, ON, but involves travel to research locations throughout the Northwest Territories and Yukon Territory.

Interested applicants should send a CV, a statement of motivation, and a list of three references. In your cover letter, please indicate your motivation for pursuing this position and highlight any barriers, career interruptions, or other life events that may have modified your path.

Send applications to:

Dr. Jennifer Baltzer  
Email: [jbaltzer@wlu.ca](mailto:jbaltzer@wlu.ca)