



# Forest Ecology Research Group

## Research Technician Position in the Forest Ecology Research Group

### *Description*

There is a one-year research technician position available in the Forest Ecology Research Group ([www.forestecology.ca](http://www.forestecology.ca)) within Wilfrid Laurier University's (Laurier) Biology Department. We are looking for a motivated, energetic individual to contribute to ongoing research projects in sub-arctic forests in Northern Ontario, the Northwest Territories, and the Yukon:

- 1) *Quantifying Carbon-Wildlife Ecosystem Service Bundles Across Ontario's Far North*. This large collaborative project involves the University of Guelph, Laurier, Environment and Climate Change Canada, and the Wildlife Conservation Society Canada (WCS Canada). The successful candidate will support the interpretation of boreal forest community composition and structure from habitat photographs with the goal of improved land cover classification co-located with wildlife surveys and carbon stock characterization.
- 2) *FIRE to forage: Sustaining CARibou habitat in the Yukon (FIRESCAR)*. This Yukon-based collaboration is a partnership between Laurier, Université Laval, Western University, Government of Yukon (YG), WCS Canada, Canadian Forest Service (CFS), and Little Salmon/Carmacks First Nation. The overarching Partnership goal is to measure, map, and forecast present and future availability of caribou forage in Central Yukon. The successful candidate could support fieldwork, supporting field sample processing and/or conducting historic air photo interpretation.
- 3) *Support for various ongoing funded research efforts in the Northwest Territories focused on climate warming induced disturbances in subarctic forests*. Involvement in several existing projects could include helping to resurvey monitoring sites that burned in the unprecedented 2023 wildfire season or supporting lab-based sample analysis.

### *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, one-year 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/or Yukon.
- Applications will be reviewed on a rolling basis starting immediately. The intended start date for the position is January 2024 (negotiable).
- Interested applicants should send a CV, a statement of interest, and a list of three references to:

Dr. Jennifer Baltzer

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