

## MSc position (1) in Permafrost Science

*at the Living with Lakes Research Centre, Laurentian University*

**MSc position: Land use planning and mass-wasting hazards near Fort Severn**

Expected start date: September 2020 (flexible)

Supervisory team: Dr. Pascale Roy-Leveillee, Dr. Ryley Beddoe, Dr. Michel Allard



Fort Severn is located on the Severn River, near the Hudson Bay Coast. Recent mass-wasting activity along the river has triggered local concern that the stability of the town site may be threatened by thaw-induced landslides. In partnership with Fort Severn First Nation, this MSc will characterize and compare surficial deposits and permafrost conditions at the town site and at the sites affected by mass-wasting and use remotely sensed imagery and local knowledge to investigate past mass-wasting events, their timing, and the factors that may trigger them. Maps of ground conditions and associated mass-wasting risk will be produced to facilitate planning and risk mitigation measures. (for more info on the project contact [proyleveillee@laurentian.ca](mailto:proyleveillee@laurentian.ca) ).

**Work team and work environment:** This position is part of [PermafrostNet](#) and will collaborate with a set of expert research groups outside of Laurentian University, via the network and the members of the supervisory teams. At Laurentian this PhD will be within the Cooperative Freshwater Ecology Unit and the [Permafrost Research Laboratory](#). It will be located within the award winning [Living with Lakes Research Centre](#), on the edge of Ramsey Lake in [Sudbury](#).

**Funding:** Competitive NSERC level remuneration, guaranteed GTA (>75% average), and access to several local scholarships are available.



**To submit an application:** Send Dr. Pascale Roy-Leveillee ([proyleveillee@laurentian.ca](mailto:proyleveillee@laurentian.ca)) your letter of interest, CV, copy of transcript(s), and contact information for 3 references.

Applications will be reviewed as they are received. The position will remain open until filled. We thank all applicants for their interest, however, only those individuals selected for an interview will be contacted.