

PhD position (2) in Permafrost Science

at the Living with Lakes Research Centre, Laurentian University

PhD position: **Permafrost and ground ice conditions in the Hudson Bay Lowlands**

Expected start date: September 2019 (or as soon as possible)

Supervisory team: Dr. Pascale Roy-Leveillee, Dr. Maara Packalen, Dr. Steve Wolfe, Dr. Bernhard Rabus



Permafrost conditions in the Hudson Bay Lowlands (HBL) are poorly understood and complicated by rapid isostatic uplift. This position will quantify relations between the aggradation of permafrost and ground ice, the emergence of the coast, and the development of the vegetation using field surveys and macrofossil analysis; and map ground-ice distribution in the HBL using this paleogeographic knowledge, remote-sensing, and field data. This PhD will work in close collaboration with OMNR-F as compatible work to inventory palsas and peat plateaus is underway for northern Ontario (for more info on the project contact 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) 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.