



20 May, 2019

New graduate student positions at M.Sc and PhD levels

The Dehcho Collaborative on Permafrost (*DCoP*) is seeking highly motivated individuals for PhD and MSc research projects to investigate permafrost thaw-induced changes to the Dehcho's land and water.

The Dehcho region of the southern Northwest Territories (NWT), Canada, is one of the most rapidly warming regions on Earth. Climate warming in the Dehcho has led to widespread permafrost thaw and land cover change that has disrupted the hydrological cycle and the ecosystems and human activities that depend on it. The patterns, rates, controls and mechanisms of permafrost thaw, and associated feedbacks and land cover transformations across the region remain poorly understood.

DCoP is co-led by the Dehcho First Nations (<https://dehcho.org/>) and the Scotty Creek Research Station (<http://www.scottycreek.com/>) and aims to generate a fusion of leading-edge scientific and Indigenous knowledge on permafrost, and to use it as a basis to co-develop new knowledge, predictive decision support tools and innovative risk management strategies to inventory and manage permafrost and adapt to permafrost thaw.

Specific graduate research projects will contribute to one or more of *DCoP*'s major objectives, including the development and mobilisation of new knowledge on permafrost thaw and thaw-induced changes, and the development and application of new, customised adaptive strategies and predictive modelling tools.

Location:

Research will be conducted at the Cold Regions Research Centre, Wilfrid Laurier University, Waterloo, ON, Canada. Laurier is one of the fastest growing universities in Canada and is internationally-recognised for its expertise in cold regions research and education. The field research sites within the Dehcho will vary among the specific graduate student projects.

How to Apply:

For information on how to apply please contact Dr. William Quinton, Cold Regions Research Centre, Wilfrid Laurier University, Waterloo, Canada: wquinton@wlu.ca, 519-884-0710 (3281). Informal inquiries are always welcome.