One M.Sc. position is available in the Stream and Riparian Research Lab in the Department of Forest and Conservation Sciences at the University of British Columbia, Vancouver, Canada.

We are seeking a motivated student to join a funded collaboration examining the ecological effects of forest harvesting management activities on headwater stream ecosystems. Headwater streams are sensitive to their local, reach-scale surroundings and disturbance to the forest nearby. Alterations to light availability, hydrology, temperature, and instream food webs following timber harvest have been documented, all of which may impact ecosystems downstream. This project seeks to clarify the efficacy of management interventions employed to mitigate the impacts of timber harvest on the ecological, chemical and biological conditions of headwater streams. The student will be expected to develop their own research questions within the broader scope of the project and will have the opportunity to interact with both project collaborators and a vibrant community of graduate students and researchers. Research will be conducted in headwater streams throughout the greater Vancouver area, including the Malcolm Knapp Research Forest. Descriptions of the lab’s work are available at http://richardson.forestry.ubc.ca/

The ideal candidate will have a background in ecology, and particularly freshwater ecology as well as a good understanding of experimental design and statistical analysis. The student will be expected to conduct regular field work, produce timely data products, and engage regularly with project collaborators.

The anticipated start date for field work is May 2018 and applications will be accepted until the position is filled. Interested applicants should send a cover letter, resumes, and unofficial transcripts to Dr. John Richardson (john.richardson@ubc.ca) at the University of British Columbia, Vancouver, BC Canada. The selected applicant will then formally apply to the UBC graduate program (http://www.forestry.ubc.ca/students/graduate/programs/master-of-science-master-of-applied-science/).