

Graduate Student Position Available!

DIVERSE is a Pan-Canadian research initiative dedicated to advancing forest management through innovative approaches that emphasize functional diversity and ecological connectivity. The research encompasses six interconnected themes that aim to enhance forest resilience and sustainable forest stewardship in the face of global changes.

The **Forest Growth & Yield Lab** at the University of Alberta has an open graduate research assistantship at the Ph.D. level in Applied Remote Sensing for assessment of forest resilience, under the supervision of **Dr. Robert Froese**. This PhD student will address the DIVERSE project theme focused on the **assessment and mapping of functional diversity and redundancy at the national scale**, using remote sensing, with the ultimate goal being the development of forest resilience mapping. The work will combine existing forest plot and remote sensing data to assess functional diversity and resilience and apply these findings to the landscape to identify traits and patterns that maximize forest resilience depending on forest type and environmental conditions.

Alberta School of Forest Science & Management

The Alberta School of Forest Science and Management is located within the **University of Alberta**, which is an internationally recognized research University with over 40,000 students from 156 countries. Located in Edmonton, along the North Saskatchewan River valley and just a few hours from the Rocky Mountains, the University offers a friendly and affordable environment with diverse social and outdoor recreation opportunities.



Position Requirements:

Required Skills & Competencies

- Strong interest in forest science and remote sensing
- Strong written communication and data science skills
- Relevant prior M.Sc. with experience in forest science
- Remote sensing experience and competency.

Apply Now!

The position is open until filled, and funding is in place. Please contact **Dr. Robert Froese** (refroese@ualberta.ca) with questions. To apply, please email Dr. Froese your CV, list of references, GRE scores if available, and a cover letter that includes a description of your interests and previous experience.

Key Information:

- Location: Forest Growth & Yield Lab, University of Alberta, **Edmonton, Alberta**
- Supervisor: **Dr. Robert Froese**
- Topic: Ph.D in **Applied Remote Sensing**
- Duration of Position: up to **4 years** renewable annually
- Funding: Stipend including benefits is provided with this position, funded by **Mitacs** and NSERC.

Research Support Provided:

- Designated lab space
- Computer/software
- Conference Travels
- Foreign nationals and their dependents residing in Alberta for graduate school qualify for free, public funded health insurance.