

PROFESSOR IN WOOD RESOURCE MEASUREMENTS

**DEPARTMENT OF WOOD AND FOREST SCIENCES
FACULTY OF FORESTRY, GEOGRAPHY AND GEOMATICS
UNIVERSITÉ LAVAL**

A privileged living environment in the heart of Quebec City and the first French-language university in North America, Université Laval is a major university open to the world and recognized for its culture of excellence in teaching and research. Thanks to the Department of Wood and Forest Sciences of the Faculty of Forestry, Geography and Geomatics, Université Laval is the only university in Quebec to offer undergraduate programs in forestry and wood engineering leading to the Quebec Order of Forest Engineers or to the Quebec Order of Engineers. The Department of Wood and Forest Sciences is also responsible for the integrated multi-faculty bachelor's degree in natural and managed environments. It has 35 full-time professors or lecturers, five research chairs, three teaching leadership chairs, a research consortium, two research centers and over 500 undergraduate and graduate students. Collaborations with the Departments of Geography and Geomatics, as well as with other faculties at Université Laval, offer interesting opportunities for multidisciplinary research.

Job Description

In accordance with its development plan, the Department of Wood and Forest Sciences is seeking a professor in wood resource measurement. The person recruited will be expected to teach in French at all levels, to support the various departmental programs, in particular the bachelor's degree in forest management and the cooperative bachelor's degree in forest operations, and to develop a research program in the targeted disciplines. More specifically, teaching and research activities will focus on the following areas:

1. Measurement of trees, stands and felled timber.
2. Digital characterization of wood resources and forest land using airborne and satellite imagery.
3. Forest sampling and inventory methods.
4. Modeling of tree growth and forest stands.

Responsibilities include:

1. Teaching in French of wood resource measurement, forest land characterization and other related fields at the undergraduate and graduate levels.
2. The development of pedagogical and didactic material.
3. Obtaining research funding from granting agencies and external partners to support their research.
4. Conducting research and supervising graduate students on topics related to the above fields.
5. Participating in departmental, faculty, university and multi-stakeholder (private and public sector) committees.
6. The development of teaching and research in wood resource measurement and forest land characterization at the Montmorency Forest, in collaboration with all partners involved in the Montmorency Forest Scientific and Management Committee.
7. Collaborate with one or more existing research groups at Université Laval, such as FORAC, CFR, CRMR.

Selection Criteria

1. Possess a bachelor's degree in forestry or a related discipline and a doctoral degree from a recognized university or be in the process of obtaining one.
2. Have a minimum of expertise in the first three fields listed.
3. Have knowledge of the issues related to the measurement of wood resources and the characterization of forested lands in Quebec, Canada and elsewhere in the world.
4. Demonstrate skills in university-based pedagogy and knowledge mobilization.
5. Demonstrate the ability to obtain funding for their research from public or private granting agencies.
6. Present a vision for the position in terms of academic pedagogy and research and propose concrete actions to achieve it.
7. Be a member of the Quebec Order of Forest Engineers or be eligible to become a member and commit to do so within two years.

Salary and conditions: according to the collective bargaining agreement.

Expected start date: January 3, 2023

The university values diversity and invites applications from all qualified candidates, particularly women, visible and ethnic minorities, Indigenous Peoples and persons with disabilities. However, priority will be given to those with Canadian citizenship or permanent resident status.

Université Laval being a francophone university, Appendix B of the collective agreement stipulates that a professor whose mother tongue is not French must, within a prescribed period of time, demonstrate functional proficiency in oral and written French.

Interested candidates are urged to send a letter of interest, a one- to two-page document describing their vision and philosophy of undergraduate and graduate teaching and research, a curriculum vitae including a list of publications, and the names of three references by August 13, 2022, at 5:00 p.m. to:

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