

Postdoctoral position in Project:

“Market Analysis of Mass Timber, Engineered wood and Dimensional Lumber Product Opportunities in Ontario”

This project aims to answer the question: ‘where will mass timber and solid/composite wood products be in 2030?’ and is intended to support ongoing work at the Mass Timber Institute (MTI) and ongoing work at Centre for Research & Innovation in the Bio-Economy (CRIBE) on their Pathway to 2030 report. The postdoc will be directly supervised by Dr. Rasoul Yousefpour at the University of Toronto to develop a market analysis of mass timber, engineered wood and dimensional lumber product opportunities for new market entrants in Ontario. The project aims to address the following research questions with more emphasize on the last three research questions:

- I. What is the available wood supply from Ontario forest recourses to 2030? (CRIBE running project: Forsite/Patchworks Model)
- II. Allocate the main wood supply recourses and the forest types?
- III. What is the projected demand for the various wood products especially mass timber, engineered wood products and dimensional lumber products by 2030? Define and analyse plausible future scenarios based on the current forest policies
- IV. What are the novel and improved forest business development opportunities to optimally mobilize the available wood?
- V. What are the economy-based solutions to mobilize hardwoods in mixed-wood forests of Ontario?

The Postdoc will coordinate the project and will be responsible for deliverables and final report of the project. The project plans to interact with regional wood sector agents and the PDF is expected to get engaged in workshops and other dissemination activities. Moreover, the Postdoc will join the newly established team Yousefpour’s Lab (forest economy and decision support system) and is expected to participate in the activities of the Lab (students’ supervision, research projects, training) and collaborate closely with research and industrial partners.

Expected Qualifications:

- PhD in forestry or relevant fields (acquired in last five years)
- Excellent oral and written communication skills in English
- interest in forest economy and wood sector analysis

Applicant’s desirable Assets:

- Familiarity with Canadian or US wood market
- Experience with wood market analysis programs e.g. patchwork, Wood stock,
- Familiarity with forest econometric calculus
- Programming skills e.g. R, Python

Applicants should send a letter of interest (2 pages) outlining their motivation for the position, relevant experience and competences, a full curriculum vitae (including publications list), and the names of three references to Dr. Rasoul Yousefpour r.yousefpour@daniels.utoronto.ca

Full applications will be solicited and reviewed starting from February 20th 2022, but the positions will remain open until a suitable candidate is selected. Only selected potential candidates will be contacted for pre-selection interviews.

The project is funded for one year jointly by CRIBE and MTI at the University of Toronto. University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of color, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.