

OPERATIONAL RESEARCH SCIENTIST

Vancouver, B.C.

About FPInnovations

FPInnovations (FPI) is among the world's largest private, non-profit research centres working in forest research. The organization helps the Canadian forest industry to develop path-breaking solutions based on the unique attributes of Canada's forest resources, favouring a sustainable development approach and taking full advantage of the industry's considerable scientific, technological and commercial capital.

Description

At FPI we have an amazing opportunity to facilitate the transformation of the forest sector, including centralized & decentralized business decisions systems along the value chain.

The Operational Research Scientist will be responsible for delivering national research projects and industrial contracts aimed at developing and implementing practical decision support tools, including: optimization and simulation models, operations research and industrial engineering tools for supply chain planning and analysis.

Responsibilities:

- Lead/participate in the development of advanced decision making tools, including logistics, operations research models and other industrial engineering tools;
- Know their clients, potential clients, and those who influence these clients with in-depth knowledge of their activities and be able to foresee their long-term expectations and propose solutions;
- Respond to clients' needs;
- Identify innovations affecting the forest products industry, their commercial use and the access to markets;
- Lead/manage projects and develop proposals;
- Present results to industrial clients;
- Collect on-site forest and mill data;
- Provide timely, relevant, coherent results (reports, data analyses, etc.) designed to meet the client's specific needs, and tailored to specific audiences;
- Support other research areas related to the forest supply chain and wood products processing as needed;
- Transfer technology and knowledge through reports, handbooks, workshops, and presentations to members, clients and general conferences.

Qualifications:

- Master's degree or PhD in Forestry, Mechanical Engineering, Wood Processing, Industrial Engineering or Operations Research;
- Minimum 2 years of experience (preferably in the forest products industry);
- Training and modeling experience with logistics, optimization, discrete event simulation, industrial engineering tools;
- Familiarity with the Canadian sawmilling and forest products industry operations including log allocation analysis, productivity and supply/mill flow;
- Proven track record of industrial client and value focus is essential;
- Proficiency in the scientific process and aptitude for writing high-quality technical reports;
- Strong technical and analytical abilities, a knack for driving impact and growth;
- Demonstrated leadership in responding to clients' needs;
- Independent, self-starter with team-working skills;
- Able to adapt to constantly changing demands;
- Strong communication skills, both oral and written, in English. French is considered an asset;
- Availability to travel.

Please submit your resume to:

[Recruitment recrutement@fpinnovations.ca](mailto:recrutement@fpinnovations.ca)

IMPORTANT: please indicate the reference #326 in the subject line.