

Jr. Resource Analyst



About Meristem

Meristem Insights is a company focused on providing intelligent decision and management support across the natural resources sector. A meristem is undifferentiated plant tissue that can produce new parts of the plant. It can become any type of plant tissue: leaf, stem, flower, petal, etc. Like a meristem, we are ready to grow and adapt to the circumstances presented to us. We pledge to help our clients grow and provide them what they need to adapt to their ever-evolving circumstances.

Position Overview

We are seeking enthusiastic and motivated Junior Resource Analysts to join our team. As a Junior Resource Analyst, you will work under the direction of a Senior Resource Analyst, applying a range of analysis and communication tools, to support our clients' strategic natural resource management decisions. Examples of projects you may be involved in include long term harvest planning, timberland valuation, co-optimization of resource values (e.g., carbon and timber, balancing ESG objectives), corporate and land base carbon inventories, and development of forest carbon offset projects.

You will receive training and project-specific experience applying a variety of analysis tools and processes, and supporting growth of our client base and service offerings. Our Team will work with you to understand your specific interests and to identify opportunities for professional development and work experience that advance your career goals.

Responsibilities:

1. **Forest Estate Modeling:** Use and adapt existing Forest Estate Models to support a wide range of analysis projects, including Timber Supply Review, timberland valuation, carbon project development, management of existing tenures, etc. You will use industry standard modeling software including Patchworks and/or Woodstock, in addition to other tools from time to time.
2. **Carbon Modeling:** Use industry standard modeling tools (e.g., CBM-CFS3, GCBM), allometric equations, remote sensing data, and field plots to integrate carbon inventory and projections into forest management decision-making.
3. **Growth and Yield Modeling:** Develop growth and yield projections.
4. **Reporting and Communication:** Contribute to written reports describing methodology and results, including interpretation of results relative to client objectives.
5. **Collaboration:** Work with the full Meristem team to ensure that every product we deliver to a client uses the best available expertise that Meristem has to offer.

Qualifications:

- Bachelor's degree in Forestry, Environmental Science, Geography, Natural Resource Management, or a related field.
- Eligible for registration as a BC Forester-in-Training (FIT) with the Association of BC Forest Professionals (ABCFP).
- Minimum of 1 year experience working in a forestry or natural resource management-related position
- Experience with or exposure to forest estate modeling (e.g., Patchworks, Woodstock, growth and yield modeling (e.g., TIPSYP, VDYP, FVS, FPS), and/or forest carbon analysis.
- Exposure to using scripted workflows with tools such as Python, R, and SQL.
- An analytical approach to problem solving.
- Knowledge of forestry practices, inventory techniques, and management principles.
- Excellent communication and presentation skills.
- Willingness to work as part of a team, contributing to delivery of high-quality work products and meeting project timelines.

Working at Meristem Insights

At Meristem Insights we provide a challenging and rewarding work environment, focussed on building a strong and dedicated team of natural resource professionals. We are a growing company, with the view that we succeed through the success of our team. As such, we will support your professional growth and provide opportunities for advancement, based on your individual interests and strengths.

You will receive a competitive salary consistent with your experience and expertise, with room for advancement as you succeed in your role and continue to take on new responsibilities. We provide a full benefits package and flexible work environment that allows our team members to excel in their professional life, while accommodating their personal life.

Application

Please submit a resume and cover letter to Jay Greenfield at careers@meristeminsights.ca with "Junior Resource Analyst" in the subject line of the email. Meristem Insights is an equal opportunity employer. For any candidates requiring accommodation, please contact our People Department at careers@meristeminsights.ca.

We thank you in advance for your submission. All resumes will be reviewed and only those selected will be contacted.