

Job Title: Spatial Modeling Analyst – Timber Supply & Forest Planning

Location: Flexible (Remote / Hybrid / In-Person within Canada)

Company: Silvacom Ltd.

The Opportunity: Apply Spatial Modeling to Real-World Forestry Challenges

We are seeking a **Spatial Modeling Analyst** to support timber supply analysis and forest planning initiatives across a range of forestry and environmental projects.

In this role, you will work with forest inventory data, spatial models, and planning tools to help inform practical, defensible decisions for land and resource management. Your work will contribute directly to forest management strategies, regulatory processes, and long-term sustainability outcomes.

You will collaborate with a team of forestry professionals, GIS specialists, and project managers to analyze scenarios, evaluate trade-offs, and deliver clear, actionable insights to clients. This position offers the opportunity to apply your technical expertise in a hands-on environment while continuing to develop your skills in forest estate modeling and applied analytics.

The role is primarily office-based, with opportunities to engage in field work and support a variety of projects across Canada's forest sector.

What You'll Do:

- Develop and maintain timber supply and forest estate models to support strategic and tactical planning
- Analyze forest inventory and spatial datasets to evaluate harvest scenarios and management strategies
- Support the development of forest management plans and regulatory submissions through technical analysis and documentation
- Apply modeling tools to assess wildlife habitat, wildfire risk, and other landscape-level considerations
- Contribute to projects related to biomass, carbon, and emerging forest-based opportunities
- Prepare clear, well-structured outputs that communicate key assumptions, risks, and trade-offs
- Work closely with internal teams and clients to ensure analysis aligns with project objectives and operational realities
- Support continuous improvement of modeling approaches, workflows, and documentation standards

What You Bring:

- Strong analytical capability with a focus on accuracy, transparency, and defensibility of results

- Practical understanding of forest management planning and timber supply concepts
- Ability to interpret complex data and translate it into clear, usable insights
- Strong organizational and time management skills, with the ability to meet deadlines across multiple projects
- Effective communication skills and the ability to work collaboratively with technical and non-technical audiences
- Self-motivated, with the ability to work independently while contributing to a team environment

Technical Skills & Experience:

- Experience with forest estate modeling tools such as Remsoft Woodstock or Patchworks
- Proficiency in GIS platforms (e.g., ArcGIS, QGIS) and spatial data analysis
- Experience with statistical or analytical tools (e.g., Python, R, or similar) is an asset
- Familiarity with forest inventory data structures and planning frameworks in one or more Canadian jurisdictions
- Exposure to project planning or coordination is considered an asset

Qualifications:

- Undergraduate degree in Forestry, Environmental Science, Ecology, Environmental Planning, Agriculture, or a related field
- Graduate degree is an asset, but not required
- Registered or eligible for registration as an RPF or RPFT in Alberta, British Columbia, Saskatchewan, or Ontario

Why Work at Silvacom:

- Work on projects that directly support sustainable forest management and responsible land use
- Be part of a team that values practical solutions, technical quality, and collaboration
- Contribute to meaningful work across the forest sector, government, and environmental initiatives
- Access opportunities for professional growth in forest modeling, planning, and applied analytics
- Join a company with a long-standing reputation in forestry, GIS, and land management

Compensation:



CAREER OPPORTUNITY

We offer competitive salaries commensurate with experience, along with a comprehensive benefits package including medical, dental, and vision coverage, a Flexible Spending Account (FSA), and a company-sponsored RRSP plan.