



POSITION: GIS Analyst

DIVISION: Forestry

LOCATION: Campbell River

REPORTS TO: Planning Manager/ Operations Forester

POSITION OVERVIEW

The GIS Analyst plays a key role in operational, strategic and tactical planning initiatives by managing and analyzing spatial information to provide accurate summaries, reports and required visualizations of their work to facilitate and inform decision making.

Developing technology based solutions to advance business performance in information management is also a responsibility of the GIS Analyst. The GIS Analyst is often required to work closely with planners and management to improve efficiencies in the management of data and information flow.

RESPONSIBILITIES

Safety & Environmental Performance

- Demonstrate adherence to company safety and environmental processes and procedures.

Financial Performance

- Understand corporate financial goals and recommend effective and innovative strategies to drive cost efficiencies in the operation.

Leadership

- Participate effectively in programs designed to improve safety, reduce operational costs, and maximize value and margins while meeting customer requirements;
- Participate in a culture of accountability and continuous improvement.

Operational

- Geospatial: Capture and/or import spatial features, convert data into appropriate formats, undertake basic geoprocessing and advanced editing tasks, and manage operational feature datasets.
- Mapping: Produce and maintain operational maps from standard map templates, produce maps for operational and planning tactical initiatives. Analysts may also undertake Visual Landscape Design as required.
- Forestry Systems: Perform advanced editing, spatial queries and mapping, prepare and implement data quality checks and author and edit map templates as required analyze and document business processes, and assist in developing standards and procedures.
- Ensure that skills and knowledge necessary for the effective performance of the role remain current.

QUALIFICATIONS

EDUCATION AND EXPERIENCE

The GIS Analyst brings advanced skills and proficiency to the position. The GIS Analyst is a refined GIS professional with the following credentials:

- Post-secondary degree or diploma in GIS from a recognized and accredited institution.
- 8+ years of progressive experience directly related to the position purpose.
- Documented training with current GIS software and programming languages.
- Demonstrated forest management acumen specific to forestry requirements and challenges.
- Registration or eligibility for professional accreditation is preferred.

SKILLS, KNOWLEDGE AND REQUIRED COMPETENCIES

This position requires an individual to be forward thinking in an often rapidly changing environment. The qualifications that differentiate the GIS Analyst are as follows:

- Advanced skills in geomatics.
- Advanced programming skills using Python, JavaScript and SQL.
- Automation and scripting skills using tools such as Python, Model Builder and FME.
- Expertise using the ESRI software suite of tools.
- Expertise with LiDAR data, ortho imagery.
- Expertise with GPS data processing, loading and storage.
- Demonstrated skills in project management, problem solving and organization.
- Refined communication skills both written and oral.
- Developed understanding of business drivers and performance measures.
- Ability to lead, mentor and motivate junior staff.
- Customer service oriented disposition.
- A general awareness and understanding of the forest industry and familiarity with RoadEng and ForestOps are an asset.

To apply please visit: [GIS Analyst](#)