



Woodlands North Inc. (2000), is a professional consulting firm offering management services to Alberta's natural resource sectors. We specialize in upstream planning services at the inventory, modeling and implementation phases of resource-based projects. *Woodlands* has offices in Edmonton and Whitecourt and operations throughout the province of Alberta. We are currently seeking a Senior Professional to join our team in a management capacity. This is a full time permanent position based in our Edmonton office.

Position: Geospatial Analyst & System Administrator

Reporting to the General Manager, this position provides an opportunity for an experienced geospatial database administrator and analyst to apply problem solving, data management, analytic, modeling and cartographic skills to operational problems. Candidate will be knowledgeable in current resource management regulations and applications within either the forestry or energy sectors. This person should have a few years of related field experience and be well versed with the management and application of resource objectives using GIS and geospatial modeling techniques to support planning and deliverables.

Key Responsibilities

- Data management and GIS system maintenance
- Analysis using modeling, scripting languages and other automation skills
- Assistance with web mapping and mobile application development
- Develop and document technical methodology
- Draft scripts, perform complex analysis, design, develop and maintain GIS databases, and monitor/improve database performance and capacity
- Personnel management of programming and GIS technician

Qualifications

- Post-secondary education in Forestry, Biology, and/or Environmental Planning
- Several years of field experience and at least 3 years of GIS experience
- Knowledge of programming and scripting languages such as Python, Java, and JavaScript
- Expertise in ESRI products and Open Source GIS is required
- Experience with Remote Sensing applications using LiDAR and imagery data processing
- Experience with database development, model builder and integration of VB with Access & GIS
- Skill with statistics and spatial statistics is an asset
- An ability to teach / mentor a GIS technician and provide GIS support to field personnel

Salary is competitive based on level of experience and education. *Woodlands* offers comprehensive benefits, continuing education, and a flexible work environment. Applicants will be a graduate from a post-secondary institution and be eligible for professional registration.

Closing Date: February 1, 2019

Suitable applicants will be contacted prior to the closing date. Please submit a resume and cover letter in MS Word or .pdf format to bruce@woodlandsnorth.co. For more information: www.woodlandsnorth.co