



## **GIS AND AUTOCAD SPECIALIST**

Hatfield Consultants has a full-time opening for a geographic information systems (GIS) and AutoCAD specialist. The successful candidate will play a key technical role in Hatfield's Geomatics group in North Vancouver.

Hatfield is a privately held environmental consulting company with its head office located in North Vancouver. The geomatics group within Hatfield Consultants provides technical services to internal project teams and projects, as well as for external geomatics projects with clients in the private and government sectors.

The primary role of the GIS and AutoCAD specialist will be to provide technical services including GIS data capture and management, geo-processing and spatial analysis, and mapping and drawing. In addition, field work may be conducted as part of experienced field crews to support environmental projects throughout Western Canada.

### **Specific Duties and Responsibilities:**

As a junior to intermediate GIS and AutoCAD specialist you will be asked to:

- Produce high quality cartographic map products and CAD drawings for field teams, reports, and presentations using ArcMap and AutoCAD, following Hatfield and client standards;
- Communicate clearly with environmental specialists regarding map and data analysis requirements;
- Integrate various vector and raster data sets from multiple sources for inclusion in map products;
- Integrate GPS data and field sampling information into GIS data formats for inclusion in map products;
- Perform various data management duties such as data storage and cleanup;
- Occasionally participate in field surveys across western Canada

### **Competencies:**

- Demonstrated skills in the effective use and operation of ArcGIS for Desktop 10.1 and extensions such as Spatial Analyst
- Demonstrated skills in the effective use and operation of AutoDesk AutoCAD Map 3D or AutoCAD Civil 3D. Ability to work effectively in CAD and GIS environments
- Demonstrated cartographic knowledge and design concepts
- Experience in spatial data acquisition and manipulation. Good knowledge of geographic standards and coordinate systems
- Knowledge of federal, provincial and global datasets and repositories for GIS datasets
- Knowledge of geographic data management, including ESRI geodatabases and RDBMS.
- Problem-solving skills and ability to analyze a case or situation and recommend solutions
- Excellent communication (verbal and written).
- General computer skills (MS Office, etc).

**Education and/or Experience:**

- Higher degree in geographical sciences, or related subject
- Post-graduate diploma in GIS and/or AutoCAD
- Interest in environmental management
- Experience in a consulting environment (preferred)
- Ability/interest to work in the field, occasionally in remote locations (preferred)

To apply, please submit a cover letter and CV describing your experience and salary expectations to [hr@hatfieldgroup.com](mailto:hr@hatfieldgroup.com) (no phone calls please). Only short-listed candidates will be notified.