



Where ideas work

## Ministry of Agriculture and Food

Flexible work options are available; this position may be able to work up to 5 days at home per week subject to an approved telework agreement.

This position can be based out of any of the location(s) listed in the online posting.

### Remote Sensing Specialist

**\$80,652.20 - \$91,992.70 annually, plus \$36.53 bi-weekly isolation allowance for Smithers.**

The Remote Sensing Specialist is the scientific and technical authority on remote sensing and geospatial applications within the ministry. This position provides leadership to a professional team of geospatial specialists to identify, design and develop tools and processes to increase the predictive accuracy and efficiency of land classification for agricultural applications. This role conducts research and development to leverage remote sensing and other advanced and emerging geospatial technologies and incorporate proven automation techniques into land classification processes, and collaborates with a diverse team of agronomists, engineers, land use planners, and others to maximize the potential of remote sensing to address the information needs of the branch and ministry.

#### Qualifications for this role include:

- A Master's degree from a recognized\* post-secondary institution in a related field and at least four (4) years of current and progressively advanced related professional experience; OR,
- Bachelor's degree from a recognized\* post-secondary institution in a related field and at least six (6) years of current and progressively advanced related professional experience.
  - \*Proof of your education credentials may be required.
- Related education includes geography, environmental studies, resource management, agriculture, land use planning, data science, computer science, geomatics, geospatial, statistics, mathematics, engineering.

#### Related professional experience includes:

- applying modern machine learning/digital image/GIS processing and analytical techniques with an emphasis on geospatial applications.
- leveraging geospatial software and databases applications, such as ArcGIS, QGIS, PCI Geomatica, Oracle and MS Access,
- automating processes using programming languages such as Python, Visual Basic, SQL, R, C, Java, JavaScript.
- planning, managing, and undertaking projects and activities that utilize remote sensing and geospatial data to produce land-based information,
- establishing and documenting technical standards, processes and methodologies,
- providing professional expertise on spatial data analysis, spatial data modelling, spatial data standards, geographic information systems, remote sensing or other geospatial disciplines.
  - \*Professional experience does not include academic course work but may include research projects at the Masters or PHD level.
- Demonstrated experience establishing working relationships and strategic partnerships with imagery service providers, the remote sensing community, internal clients and colleagues.

**For more information and to apply online by February 6, 2024, please go to:**

<https://bcpublicservice.hua.hrsmart.com/hr/ats/Posting/view/109024>