



Where ideas work

**Ministry of Agriculture and Food
Abbotsford**

**Spatial Data Analyst
\$63,446.31 - \$72,142.65 annually**

This position is part of the Land Use and Geospatial Unit which includes land use planning, geospatial (GIS) services, traceability programming, livestock premises identification, agricultural land use inventory (ALUI), and emergency response. ALUI provides the current and accurate land cover and land use information that is a prerequisite for responsible and effective management of BC's agricultural land.

The Spatial Data Analyst provides leadership and expertise to the agricultural land use inventory program, including the development of advanced custom tools and processes to efficiently collect, compile, maintain, display, and distribute spatial and attribute inventory data. The Spatial Data Analyst also works to address critical information needs of the branch and larger ministry by conducting advanced spatial analysis that explore a wide range of current and evolving issues and practices. This position collaborates with a diverse team of GIS experts, agrologists, engineers, and land use planners across several units and branches.

Qualifications for this role include:

- Bachelor degree or higher in Geomatics and/or GIS, resource management, geography or computer science plus a minimum of two years *related experience; OR
- A Technical Diploma in Geomatics and/or GIS plus a minimum of three years of *related experience; OR
- An equivalent combination of education, training and *related experience may be considered.

*Related experience must include all of the following:

- Experience developing and managing large spatial and attribute data sets, and experience with database management standards, tools and applications.
- Experience developing methodologies and performing custom geo-spatial data modelling and complex geo-spatial analysis.
- Experience consulting and providing expert geospatial advice to technical and professional staff.
- Experience within the last two years in data management, spatial analysis, cartography, online applications, and field collection applications using ESRI's software suite.
- Experience authoring geoprocessing tasks with Python and the ArcPy mapping module.

For more information and to apply online by January 15, 2023, please go to:

<https://bcpublicservice.hua.hrsmart.com/hr/ats/Posting/view/95407>