



# Wetlands Workforce Geographic Information Systems (GIS) Coordinator

## About BCWF and Wetlands Workforce (WW)

The B.C. Wildlife Federation is British Columbia’s leading conservation organization. As a province-wide member-driven charitable organization, with over 43,000 members and more than 100 member clubs, our organization represents the interests of all British Columbians who aim to protect, enhance and promote the wise use of the environment for the benefit of present and future generations.

We are pleased to announce this exciting opportunity for you to join our team and make a BIG impact on watershed and wetland health in B.C. The Wetlands Workforce (WW) project will deploy work pods in the field to support the maintenance, monitoring and inventory of restored wetland sites across B.C., engage in planning activities related to the restoration of future wetland restoration sites and inventory of natural wetland sites for the development of better wetland management tools. The WW Project is supported through the Province of BC’s economic stimulus fund to provide temporary employment for a minimum of 100 people. Work pod activities will be supported in part by direct employment as well as multiple sub-contracts provided to partnering conservation organizations across the Province.

The BCWF is hiring several positions for the Wetlands Workforce project. Other positions include:

- Field Crew Technician
- Field Crew Supervisor

Other positions may also come open throughout early 2021. Interested parties can see all available current postings at <https://bcwf.bc.ca/current-opportunities/>.

## Role Details

<b>Department:</b>	Conservation Stewardship – Wetlands Program	<b>Start Date:</b>	April 2021 Or as soon as possible
<b>Reports to:</b>	Wetlands Workforce Project Manager	<b>Wage:</b>	\$27-32/hour (To be reviewed based on experience)

This is a full-time, contracted position starting from hiring date and ending December 15, 2021. Evenings, weekends and/or extended hours may be required to accommodate activities and events. At the current time, there is no clear opportunity for extension as this is a one-time fund.

You will be expected to primarily work remotely (e.g., home office), collaborating virtually with a headquarters team, field crews, partners, and First Nations communities. Applicants living outside of the Lower Mainland, but in British Columbia, will be considered.



## Job Purpose

Reporting to the Wetlands Workforce Project Manager and the Director of Conservation Stewardship, the Geographic Information Systems (GIS) Coordinator will join our headquarters team to develop and analyze mapping applications and tools for the WW projects.

## Core Responsibilities

- Create maps and graphs, using ArcGIS or QGIS and data collected through FileMakerGo, GPS and other data collection equipment.
- Source and analyze provincial spatial datasets for stratification of wetlands in B.C.
- Determine appropriate processing and GIS analysis of collected data in collaboration with the WW team.
- Produce appropriate field maps to be used for data collection and navigation in the field using ArcCollector and Avenza.
- Create and maintain an online storymap of the WW project progress.
- Analyze collected data to produce reports and appropriate maps on wetland assessments.
- Assist with streamlining field data collection and processing.
- Maintain organized and accurate geodatabases.
- Compile geographic and demographic data from many sources.
- Collaborate with partners to access and create maps and aerial imagery.

## Competencies and Skills

### Work Experience:

- Minimum 3 years of work experience using GIS technologies and creating geospatial data.
- Experience using GIS Online, ArcCollector, ArcGIS, experience with QGIS an asset
- Experience using Python to create and modify scripts for modeling and data processing
- Experience working with large data sets
- Experience using FileMakerPro and FileMakerGo is an asset
- Charity/Non-Profit experience is an asset
- Experience working with First Nations is an asset

### Knowledge, Skills and Abilities:

- Maintains working knowledge of the sources of available digital data
- Strong problem solving skills
- Demonstrated cartographic capabilities that can efficiently convey the desired information in a map
- Knowledge of wetlands and riparian habitat
- Proficient in Microsoft Office Suite
- Self-starter, well organized, analytical, flexible, and detail-oriented, with the ability to manage multiple priorities and meet tight deadlines
- Demonstrate ability in effective oral and written communications



- Strong personal alignment with BCWF's mission, goals, and values

**Education:**

- Post-secondary diploma or degree in GIS, Remote Sensing, Geomatics or a related field, or equivalent training

### How to Apply

To apply, send a combined PDF file including a current resume or CV, cover letter, salary expectation and references to: [Jobs@bcwf.bc.ca](mailto:Jobs@bcwf.bc.ca)

Please use subject line: WW GIS Coordinator Application

Applications will be accepted until March 24<sup>th</sup>, 2021, or until a suitable candidate has been found. Candidates must be available for interviews March 29-April 1, 2021. Due to Covid-19 restrictions, interviews will be conducted over video conferencing.

We kindly ask that applications be sent by email only – no fax, mail or phone calls please.