

## **Biologist Position with InStream Fisheries Research**

InStream Fisheries Research (IFR) is looking for a Biologist to join their dynamic team of environmental professionals. IFR is a small consulting company focused on improving our understanding and management of fish populations. We collaborate with a network of affiliates from industry, government, and academic groups to provide solutions to fisheries issues using cutting-edge methods and technologies. See [instream.net](http://instream.net) for an overview of the work we do.

### **Job Summary**

The selected candidate will primarily be responsible for in-field data collection and maintenance of field equipment. The candidate will be expected to conduct data entry, data management, and a variety of data validation tasks. Execution of in-season data summaries and post-season data analyses will also be required. Additionally, this role will assist in the implementation of new projects and improvements to existing equipment, infrastructure, and data management systems.

This position will be based out of either Vancouver or Squamish, BC (negotiable) and but will require long periods in Fort St. John between April and October (max. 3 wks/trip). Accommodation in staff housing while in Fort St. John will be provided.

IFR conducts several research projects within the Peace River Watershed and at the Site C Dam, including the operation of PIT and radio telemetry systems to monitor the effectiveness of the Site C Dam fishway and Truck and Transport systems. IFR also operates resistivity counters and PIT antennas in tributaries of the Peace River and conducts helicopter surveys to determine the abundance of adult Bull Trout.

The hired Biologist will work on projects that require the set-up and maintenance of PIT and radio telemetry equipment and other fish monitoring equipment throughout the Peace River watershed. Radio tagging fish (surgery) may also be required, as well as conducting redd and spawner surveys by helicopter and on foot. The Biologist will primarily work under the direction of Project Biologists of Site C monitoring programs. They will additionally provide support to Project Biologists with management of data and reporting and/or work on other projects in the Lower Mainland.

### **Job Duties**

- Collection of data in the field while maintaining a safe working environment
- Assist in the design and installation of field equipment and infrastructure
- Fish handling, including applying anesthesia and the surgical implantation of tags
- Assist in collection and management of data from a variety of electronic monitoring and recording devices in the field (e.g., telemetry systems, resistivity counters)
- Work with Project Biologists to consolidate, format and summarize field data from various sources. Compile tables, charts, graphs, and summary statistics for integration into reports

- Assist with the set-up, calibration, and operation of field equipment and software
- Maintain and test field equipment and components to minimize data gaps, verify equipment reliability, and ensure optimal fish health
- Contribute to the development of new projects and new monitoring methods
- Provide training to field technicians on data collection and fish handling techniques

### **Job Requirements**

- M.Sc. degree in a related field and 6 months of related field experience or a B.Sc. degree in a related field and 2-5 years of relevant experience
- Registered Professional Biologist (R.P. Bio), Registered Biology Technologist (R.B.Tech), or immediately eligible for one of these certifications
- An interest in or experience with fish ecology and/or fish passage research at dams or other migration barriers
- Ability to analyze data with statistical models and communicate results, including using R to analyze large data sets and relate them to ecosystem processes
- Experience with manufacturing, power tools and electrical systems an asset
- Knowledge of relevant field techniques, terminology, equipment, and materials
- Ability to effectively communicate both verbally and in writing
- High flexibility with strong interpersonal skills
- Ability to work individually as well as part of a team in diverse environments
- Demonstrated time management skills
- Ability to prioritize and manage conflicting demands
- High level of integrity and work ethic
- Proficiency with boat operations and/or with Swiftwater an asset
- Certifications or licenses appropriate to fisheries research are an asset (e.g., Electrofishing, Swiftwater Rescue, MEDA3, OFA Level 1 and transport endorsement)

### **Work Conditions**

- Long periods in Fort St. John (April to October)
- Attendance and participation in training
- Exposure to hazards associated with dynamic river and dam construction environments
- Use of required personal protective equipment
- Requirement to work outdoors in a variety of weather conditions
- Long periods of sitting required during data validation tasks
- Working in and around helicopters

### **Application**

Please send a CV and cover letter by **January 15, 2021** to [hire@instream.net](mailto:hire@instream.net). Salary is commensurate on experience.