

Fish and Fish Habitat Inventory and Information Tools and Products

This sheet was developed to help direct environmental professionals, industry, and the public to provincial government tools and products that are available for accessing, capturing, and interpreting fish and fish habitat information.

The primary storage location for provincial fish and fish habitat information is the Land and Resource Data Warehouse (LRDW). The LRDW stores both detailed and summary data. Both types of data are in either textual or spatial format. Information can be accessed either directly from the LRDW with desktop tools such as ArcGIS, or through tools that have been developed and described below. To order information from the LRDW or to view directly through a web browser using your mapping software, go to <http://lrdw.ca/>.

Described below are some of the common tools and products developed for fish and fish habitat information stored in the LRDW. These tools and products include Information Access Tools, Data Capture Tools, and Interpretive Tools and Products.

Information Access

Textual Information

EcoCat - Ecological Reports Catalogue

Contact: Gord Oliphant (250 356-9938)

What is it?

Information Query and Storage Catalogue

Go to <http://www.env.gov.bc.ca/ecocat> for this digital catalogue storage system, to access and download reports, maps, and project files. EcoCat can be used to search fish, wildlife, water, and ecosystems information by keyword, advanced, and map searches.



Types of Information

Reports, Maps, Datasets:
Fish
Wildlife
Water
Ecosystems

FIDQ - Fisheries Inventory Data Queries

Contact: Lynn Miers (250 387-9564)

What is it?

Central Data Query

Go to <http://srmapps.gov.bc.ca/apps/fidq/> for a central data query location that provides access to summary and detailed level data. Information available includes watershed identification, obstructions, physical lake and stream characteristics, stocking records, individual fish records, bathymetric maps [includes Fisheries Information Summary System (FISS) information].

Types of Information

Watershed Codes
Fish Distributions
Obstructions
Individual Fish Records
Bathymetric Maps
Summary Lake Data

Spatial Information

Habitat Wizard

Contact: Albert Chirico (250 354-6352)

What is it?

Spatial Access to Fish and Fish Habitat Information

Go to <http://www.env.gov.bc.ca/habwiz/> to create simple maps, make summary reports and access detailed fish and fish habitat information. Habitat Wizard links to provincial databases, providing information on fish observations, fish ranges, stream and lake physical information, aerial photography, the watershed atlas, Ecological Reports Catalogue (EcoCat), fish stocking records and bathymetric mapping for over 2,500 lakes.



Types of Information

Fish Observations
Fish Ranges
Stream: Physical
Lake: Physical
Aerial Photography Reports
Bathymetry
Fish Stocking

Data Capture Tools

FDIS - Field Data Information System

Contact: Lynn Miers (250 387-9564)

What is it?

Inventory Data Capture and Storage Tool

Go to <http://www.env.gov.bc.ca/fish/fdis/index.html> if you are planning an inventory project. FDIS is a multi-part data capture, storage and reporting system.



Types of Information

Inventory

Mini-FDIS - Mini-Field Data Information System

Contact: Lynn Miers (250 387-9564)

What is it?

Inventory Data Capture and Storage Tool

Mini-FDIS is a data capture and storage system devoted to gathering field information that is not part of the typical dataset in "traditional" FDIS. Examples would include information from telemetry surveys and stock assessment. Contact: Lynn Miers to obtain a copy.

Types of Information

**Telemetry
Stock Assessment**

Fish Data Submission Process

Contact: Dave McEwan (250 387-1109)

What is it?

Data Submission Service

Go to http://www.env.gov.bc.ca/fish_data_sub/ to submit fisheries data and sampling information in accordance with data submission standards. Use of this service is a requirement for submitting fish sampling information, which has been collected with a Scientific Fish Collection Permit issued by the Province of B.C.

Types of Information

**Inventory
Fish-stream Identification
Stock Assessment
Research
Fish Salvage
FIA Deliverables**

Interpretive Tools and Products

FHAT20 - Fish and Fish Habitat Assessment Tool

Contact: David Tesch (250 387-9588)

What is it?

Predictive Modeling Program

Go to <ftp://fshftp.env.gov.bc.ca/pub/outgoing/FHAT20/> to access the tool and user's guide. FHAT20 is a modelling program that is used in conjunction with Reconnaissance Inventory data, to predict fish distribution and habitat characteristics.

Types of Information

**Fish Distribution
Habitat Characteristics**

Fish and Fish Habitat Inventory and Information Contacts

Regional			Headquarters (Victoria)		
Albert Chirico *	(Nelson)	250 354-6352	Dan Grant	Aquatic Base Mapping	250 387-9562
Rob Knight *	(Surrey/Kamloops)	604 582-5317	Dave McEwan *	Fisheries Standards Biologist	250 387-1109
Jerry Mitchell *	(Penticton)	250 490-8246	Lynn Miers	Fish Information Specialist	250 387-9564
Dean Peard *	(Smithers)	250 847-7286	Craig Mount	Aquatic Geomorphologist	250 387-2579
Susanne Williamson *	(Prince George)	250 614-9911	Gord Oliphant	Aquatic Information Specialist	250 356-9938
Cheryl Williston *	(Williams Lake)	250 398-4530	Don Philip	Aquatic Spatial Information Specialist	250-387-9558

* Contact for additional copies of the Tools and Products sheet

Go to <http://www.env.gov.bc.ca/fish/> to find out more about provincial fish and fish habitat inventory and information