

Fish and Fish Habitat Information Tools and Products

The Fish and Fish Habitat Information Tools and Products 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). Two types of data are stored there; detailed and summary. 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 view directly through a web browser using your mapping software **Go To** <http://lrdw.ca/>.

Some of the common tools and products developed for fish and fish habitat information stored in the LRDW are Information Access Tools, Data Capture Tools, and Interpretive Products and Tools. Some tools can be used for both data capture and information access, as noted below. This sheet describes some of the tools and products available for use by industry, environmental professionals, and the public.

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://srmapps.gov.bc.ca/apps/acat/> for this Oracle database and catalogue tool to access reports, maps, and datasets. EcoCat can be used to search and download fish and aquatic habitat information by keyword, multiple search criteria, and spatially by map.



Types of Information

Reports, Maps, Datasets:
Fish
Water
Terrain
Wildlife

FIDQ - Fisheries Inventory Data Queries

Contact: Lynn Miers (250 387-9564)

What is it?

Central Data Location

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, and bathymetric maps.

Types of Information

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

Spatial Information

Habitat Wizard

Contact: David Tesch (250-9593)

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 Tools

Go To <http://www.env.gov.bc.ca/fish/fdis/index.htm> 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 Tools

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 (e.g. telemetry surveys, stock assessment). Contact: Lynn Miers to obtain a copy.

Types of Information

Telemetry
Stock Assessment

Fish Data Submission Process

Contact: David Tesch (250 387-9593)

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, that has been collected with a Scientific Fish Collection Permit issued by the Province of BC.

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 (250 387-9593)

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 Information Contacts

Regional			Headquarters (Victoria)		
Lynn Blouw *	(Prince George)	250 614-9922	Dan Grant	Aquatic Base Mapping	250 387-9562
Albert Chirico *	(Nelson)	250 354-6352	Dave McEwan *	Fisheries Standards Biologist	250 387-1109
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Dean Peard *	(Smithers)	250 847-7286	Lynn Miers	Fish Information Specialist	250 387-9564
Tom Wilkinson *	(Williams Lake)	250 398-4553	Craig Mount	Aquatic Geomorphologist	250 387-2579
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* Contact for additional copies of the Tools and Products sheet

Go To <http://www.env.gov.bc.ca/fish/> to find out more about our tools, products, and provincial fish and fish habitat information