Land and Resource Data
Warehouse Access Services

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Presentation Outline

- What is Land Information BC?
- Objectives of the Land and Resource Data Warehouse (LRDW)
- Service Architecture
- LRDW Services
  - Discovery Service
  - Distribution Service
  - Viewing Service
  - WMS Service
    - WMS Connectivity Instructions
- Contact Information
What is Land Information BC?

- Base mapping
- Registry of legal interests in Crown/private land
- Resource information
- Warehouse to store and manage the information
- Portal to access the information easily and from one place
- Analysis and modeling to help with decision-making
LRDW Objectives

- Single, current, seamless province wide view of the data
- Streamline data access and delivery
- Self-service capability
- Eliminate duplicate data across ministries and program areas
- Develop and maintain meta content for all data and information
- Support decision making
LRDW Service Architecture

- Operational & External Databases
- Population Services
- Integration Services
- Land and Resource Data Warehouse
- Security Services
- Discovery Service
- Access Services
- Distribution Service
- E-Commerce Service

Tools and Systems:
- iMAPBC
- ArcView
- ArcInfo
- IMF applns
- WMS
What are LRDW Services?

The Land and Resource Data Warehouse (LRDW) is the corporate repository for land, resource and geographic data that supports a variety of business requirements for the natural resource sector, other government agencies, industry and the public.

- **Discovery Service** - find out what data is available in the Land and Resource Data Warehouse
- **Viewing Service** – view, query, analyze and print maps using data in place via the web
- **Distribution Service** – select, order and download LRDW data to your local workstation for personal use
- **WMS Service** – view land and resource data warehouse information directly into GIS applications
Welcome to the Land and Resource Data Warehouse (LRDW)

The Land and Resource Data Warehouse (LRDW) is the corporate repository for integrated land, resource and geographic data that supports a variety of business requirements for the natural resource sector, other government agencies, industry and the public.

The following services are available to find out what data is in the warehouse, download it or view it through your browser. Each service has online help to assist users. Some services have tutorials which show a user how to utilize the services.

Discover Data

The Discovery Service allows users to determine what data is available in the warehouse. Click here to access this service.
Land Information BC Discovery Service

Land Information Data Discovery

This service allows you to discover Land and Resource Data holdings. You can find core information about the data such as title, description, custodian, location, and format.

- Conduct a simple search using the search function below and only one search criteria.
- Browse the data. A good place to get started and to see what kinds of data are held.
- Conduct a more advanced search using one or more search criteria.

You do not have to login to use the Discovery Service, but to order some data or contribute metadata you will have to login.

Search

Search Criteria:

* All Fields

Theme View:  
Results Per Pages: 75

Orderable Online  
Main LRDM Datasets (IDR/PROD)}
Viewing Service

Map Layers

- All Layers
- (7.5M) Major Roads
- (7.5M) Major Cities
- (7.5M) Drainage Lines
- (7.5M) Boundary Lines
- (2M) Water - Lines
- (2M) Transportation - Lines
- (2M) Provincal Boundary
- (2M) Landscape - Cities
- (250K) Water - Lines
- (250K) Water - Coastline - Lines
- (250K) Transportation - Lines
- (20K) Water - Lines
- (20K) Transportation - Lines
- Vegetated Land Cover - Outlined
- (7.5M) Provinces and States
- (7.5M) Drainage Polygons
- (7.5M) British Columbia
- (7.5M) Bathymetric
- (2M) Water - Polygons - Colour Fill
LRDW - Order Land and Resource Data

Your Order

Standard Products

Standard Products can be ordered for the:
- coordinate reference system (CRS)
- file formats
- Area of Interest (AOI)
- clipping method for the AOI

Area of Interest

Note: the selected options will:
- apply to ALL standard products in your order;
- alter the size of your order.

Output Options

Select a Standard Product

Order Land and Resource Data

Standard Products

Available Products

Selected Products
Instructions for WMS Access

Here are the steps your users will need to take to access the LIBC WMS Service in ArcGIS 8x:

1. Download and install the WMS Connector tool for ArcGIS from the ESRI Site:
   

2. Run the installer and follow the instructions

3. Add the Interoperability Tools to a users ArcMap session by:
   
   i. Double clicking on an empty space in the toolbar in ArcMap
   ii. Checking the box next to Interoperability Tools under the tool bars tab

4. Click on the Add WMS Data Button and enter the following URL:
   

5. Click on Get List. A list of all layers available through the WMS connector will be listed. Select a layer and click on Add Data.
Links

- Land and Resource Data Warehouse
  
  http://lrdw.ca

- LIBC Map Services:
  
  http://maps.gov.bc.ca  Public Access to 20 available applications

- LIBC HelpDesk

  Application support:  
  LIBC.ApplicationSupport@gov.bc.ca

  Data Support:  
  LIBC.DataSupport@gov.bc.ca

  Phone:  
  250-387-1816