
Land Based Investment Program Forest Investment Account Data Management Standard

Data Management Standard

Prepared by
Integrated Land Management Bureau
GeoBC Information Services Branch
for the Resources Information Standards Committee

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<http://ilmbwww.gov.bc.ca/risc/index.htm>

Acknowledgments

Resource Information Standards CommitteeThe Government of British Columbia provides funding of the Resources Information Standards Committee work, including the preparation of this document. The Resources Information Standards Committee supports the effective, timely and integrated use of land and resource information for planning and decision making by developing and delivering focussed, cost-effective, common provincial standards and procedures for information collection, management and analysis. Representatives to the Committee and its Task Forces are drawn from the ministries and agencies of the Canadian and the British Columbia governments, including academic, industry and First Nations involvement.

The Resources Information Standards Committee evolved from the Resources Inventory Committee which received funding from the Canada-British Columbia Partnership Agreement of Forest Resource Development (FRDA II), the Corporate Resource Inventory Initiative (CRII) and by Forest Renewal BC (FRBC), and addressed concerns of the 1991 Forest Resources Commission.

For further information about the Resources Information Standards Committee, please access the RISC website at:
<http://ilmbwww.gov.bc.ca/risc/index.htm>

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LAND BASED INVESTMENT PROGRAM CORPORATE DATA MANAGEMENT STANDARD -

DATA EXCHANGE/SUBMISSION OF RESOURCE INVENTORIES

The LBIP facilitates and supports the exchange of resource inventories with FIA proponents. The purpose of data exchange is for the Province to acquire new resource information for population into the Province's operational information systems and/or the Land and Resource Data Warehouse (LRDW). Data exchange enables the Province and its clients to access the most current data from its operational systems and the LRDW, via service offerings. Data exchange also enables the Province to ensure that rigorous data management standards are also applied to exchanged data.

FIA proponents, undertaking resource inventories in fiscal year(s) 2007/08 and beyond, are now required (effective April 1, 2007) to submit their resource inventories, in a manner that facilitates data exchange.

Proponents, should note, that commencing in this fiscal year (2007/08), the Bureau will be working with the resource inventory data custodians, to develop and implement, as part of the LBIP, electronic data interchange mechanisms, standards and procedures for resource inventories, where such standards currently do not exist.

Proponents are advised to i) adhere to the existing standard as published by the resource inventory data custodian and ii) in addition proponents are required to take into consideration the following standards, which are intended to facilitate data exchange.

Applicable resource inventories include,

- Terrain Stability Mapping
- Terrestrial Ecosystem Mapping
- Karst
- TEM/VRI Integrated Inventory
- Predictive Ecosystem Mapping
- Fish and Fish Habitat
- Archeological Overview Assessments
- Recreation and Visual Resource
- Wildlife and Wildlife Habitat – Species Inventory and Habitat Inventory Modelling

Applicable standards include:

Standard for Developing Digital Data Specification Standards Documents - At a minimum all FIA funded resource inventories to be exchanged with the Province, are required to have a digital data specification, inclusive of the specification categories of this document – logical and physical data description, spatial characteristics, geo-referencing, registration, digital data capture rules and requirements, metadata (to be replaced as of April 1, 2008), quality assurance procedures, and cartographic output and registration.

Standard for the Use of Map Projections in British Columbia for Resource, Cultural and Heritage Inventories – Map projection standards.

British Columbia Albers Standard Projection – Details standards for the BC Albers Projection used by the Province.

Spatial Interchange Formats – While the Province supports the following interchange/data formats - E00, Shape, DWG, and IGDS, proponents should note that where a Resource Inventory business area specifies a spatial interchange format, then only the specified format should be used for data-submission.

Attribute Interchange Formats – While the Province supports the following interchange/data formats – CSV, XLS, MDB and DBF proponents should note that where a Resource Inventory business area specifies a specific interchange format, then only the specified format should be used for data-submission.

Proponents requiring further information should contact the specified business area contact for the particular resource inventory.

ILMB Discovery Service – Link to the ILMB metadata discovery service. As of April 1, 2008, proponents will be required to adhere to the published XML template standard (mandatory fields).

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