

Sensitive Ecosystems Inventory Data

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EcoCat provides a link to data and documentation for the Sensitive Ecosystems Inventories (SEI) of East Vancouver Island and Gulf Islands.

Spatial Data (see Digital Map Files in EcoCat)

For this inventory, there exists a set of polygons defining the location and extent of each sensitive ecosystem. Each polygon contains a number of attributes which describe the ecosystem, the site conditions and the data source(s). An accompanying Data Dictionary ([data_dictionary.pdf](#)) describes the attributes and possible values. Spatial data is present in both ESRI Shape and ESRI Export (E00) formats, and are in UTM Zone 10, NAD 83 coordinates.

Map Symbology (see Digital Map Files in EcoCat)

Files which dictate how the SEI polygons should be depicted are included (both ESRI LYR and AVL files) with the polygons.

If you are an ArcMap user... ensure that the LYR file is in the same folder as the polygon coverage, and simply add the LYR file to your view. The polygons should be added with the correct symbology.

If you are an ArcView user... ensure that the AVL file is in the same folder as the polygon coverage, and simply add the polygon coverage to your view. The polygons should be added with the correct symbology.

MS Access Database (see Data Files in EcoCat)

There is also a Microsoft Access database (MDB) containing non-spatial information about ecosystem polygons. This database contains all of the information found in the polygon attribute table, plus a number of additional tables, forms and reports.

The emphasis of the Access database is the Site table, corresponding to a site inspection or field plot within a sensitive ecosystem polygon. Details regarding the soil and vegetation characteristics, disturbance history and ground cover are described in detail for each site record.

A report may be generated from the database which details all information regarding a given sensitive ecosystem polygon and any ground plots found within it.

Documentation (see Report Files in EcoCat)

Four documents have been included:

<u>Disturbance Mapping Summary Report</u>	Documents the process of updating the original SEI and quantifying loss
<u>Technical Report</u>	Documents the methodology, ecological descriptions and results from the original SEI mapping.

Conservation Manual Documents methods for conserving sensitive ecosystems by SEI class and subclass.

SEI Data Dictionary Outlines all database fields and values

Maps (see Image Documents in EcoCat)

Each mapsheet has been included in pdf format to allow non-GIS users to print maps. An index to the mapsheets is in the document titled, Order_from.pdf. Hard copy maps can be purchased by users unable to print mapsheets using the Order_form.pdf.