

## Sensitive Ecosystems Inventory Data

June, 2005

This FTP site contains data and documentation for the Sensitive Ecosystems Inventories (SEI) of East Vancouver Island and Gulf Islands, and Bowen-Gambier.

### Spatial Data

For each 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 document describes the attributes and possible values. Spatial data is present in both ESRI Shape and ESRI Export (E00) formats for the Sensitive Ecosystems Inventories (SEI) of East Vancouver Island and Gulf Islands. Spatial data is present in ESRI Shape for the Sensitive Ecosystems Inventories (SEI) of Bowen-Gambier.

The ESRI Export (E00) is in UTM Zone 10, NAD 83 coordinates; the ESRI Shape is in BC Albers, NAD 83 coordinates.

### Map Symbology

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

For each inventory, 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

For the SEI of Vancouver Island and Gulf Islands, two documents have been included:

SEI Data Dictionary      Outlines all database fields and values

SEI Final Report      Documents the process of updating the SEI and quantifying loss

## **SEI FTP Site File Structure:**

### **\SEI\_Files**

- Readme Document (SEI FTP Data README.doc)

#### **\SEI\_Files\Vancouver\_Island**

- Data dictionary (VI\_SEI\_Data\_Dictionary.doc)
- Final Report (SEI\_Polygon\_Digitizing\_Final\_Report.doc)

#### **\SEI\_Files\Vancouver\_Island\Subunit\_Plots**

- Zipped PDF SEI maps for the five VI subunits

#### **\SEI\_Files\Vancouver\_Island\Spatial\_Data**

- Zipped SHP file (VISEI\_2004\_albers.zip)
- Zipped E00 file (sevi\_2004.E00)
- LYR file (sevi\_2004.lyr)
- AVL file (sevi\_2004.avl)

#### **\SEI\_Files\Vancouver\_Island\Access\_Database**

- MDB file (SeviMarch\_2005.mdb)

### **\SEI\_Files\Bowen\_Gambier**

#### **\SEI\_Files\Bowen\_Gambier\Spatial\_Data**

- Zipped SHP file (BG\_albers.zip)

#### **\SEI\_Files\Bowen\_Gambier\Access\_Database**

- MDB file (SEI\_HOWE\_03.zip)