

Using the Data Distribution Service to download GIS data

This document describes how to access the Data Distribution Service to download TEI GIS data. The data available matches the data viewable using iMapBC and includes for most project types: a) the project boundaries and project metadata table and b) the 'short table' of key and concatenated mapping polygon attributes.

Other project data, including project reports, the RISC standard 'long table' containing a full suite of attributes (200+ attribute fields), sample site and on-site symbol datasets, and other project related data is available upon request to eco_mail@victoria1.gov.bc.ca (for ecosystem mapping projects) or soilterrain@victoria1.gov.bc.ca (for soil or terrain mapping projects.)

NOTE: Currently, due to technical issues (FME related geometry issues) the Data Distribution service is either not successful in providing TEI data extract shape files, or the shape files provided do not draw in ArcMap.

The TEI team is working with GeoBC staff to resolve these issues. In the interim, please request data from the above email contacts directly, providing a shape file of the area of interest or a list of project ID numbers (BAPIDs), and information about the data products desired (e.g. project boundaries and/or short table only and/or additional products).

Summary of the Steps:

1. Use iMapBC to identify whether data is available in your area of interest (and available project types – TEM, PEM, SEI, Terrain or Soils).
2. Use the hyperlinks in Table1(below) to go directly to a list of TEI project datasets or use DataBC or the Geographic Data Discovery Service to search for these or other datasets (Go to [DataBC](#) or [Data Discovery Service](#))
3. Be prepared to provide a shape file of our area of interest or know the mapsheet(s) of interest, for requesting data (the provincial coverage of several of the project type datasets exceeds the maximum file size)
4. On the 'To Download' web page (linked from the table below), click on 'SHP'. Submit your request including choosing the data projection, drawing your Area Of Interest(AOI) on a map, providing a shape file of your AOI or selecting a Mapsheet, and your email address. After you 'Submit request', you will be notified by email that your request has been received, and again when your data package is ready for download. To download the .zip file from the URL location, right click on the file name and 'save file as' to save the file to your harddrive or other location. The download package will include a contents.txt – listing the data provided, metadata and shape files for the datasets requested.

Table 1 - Data layers available from BC Geographic Warehouse

Broad project type	Geographic Data Warehouse Layer Title	Data type	Short Description of what you get:	MetaData - Short Description	Hyperlink to download data
TEI all	Terrestrial Ecosystem Information (TEI) Project Boundaries	Project Boundaries	All TEI Project Types in one shape file	TEI includes Terrestrial Ecosystem Mapping (TEM), Predictive Ecosystem Mapping (PEM), Sensitive Ecosystems Inventory (SEI), Terrain Mapping (TER) and Soil Mapping (SOIL).TEI_Polygons contains Terrestrial Ecosystem Information (TEI) polygons with key and amalgamated (concatenated) attributes derived from ..more	To download...
TEI all	Terrestrial Ecosystem Information (TEI) Detailed Polygons with Short Table Attribute Table	Detailed Polygons	All TEI project types in one shape file	TEI currently includes Terrestrial Ecosystem Mapping (TEM), Predictive Ecosystem Mapping (PEM), Sensitive Ecosystems Inventory (SEI), Terrain Mapping (TER) and Soil Mapping (SOIL).TEI_Polygons contains Terrestrial Ecosystem Information (TEI) polygons with key and amalgamated (concatenated) attributes derived from ...more	To download...
TEI all	Ecosystem and Terrain Mapping Data Inventory (Theme)	Project Boundaries and Detailed Polygons	All TEI project types with a pair of shape files for each project type. (Note: KML files are NOT available)	This theme contains the Terrestrial Ecosystem Information (TEI) datasets currently published in the LRDW. Listings include Terrestrial Ecosystem Mapping (TEM), Predictive Ecosystem Mapping (PEM), Sensitive Ecosystems Inventory (SEI), Terrain Mapping ...more	To download...
Ecosystem	Terrestrial Ecosystem Information Project Boundaries	Project Boundaries	Terrestrial Ecosystem Mapping data in a shape file	Terrestrial Ecosystem Mapping (TEM) project boundaries contains (study areas) and attributes describing each project (project level metadata), plus links to the locations of other data associated with the project (e.g., reports, polygon datasets, plo... more	To download...
Ecosystem	Terrestrial Ecosystem Mapping (TEM) Detailed Polygons with Short Attribute Table Spatial View	Detailed Polygons	Terrestrial Ecosystem Mapping data in a shape file	TEI_Polygons contains Terrestrial Ecosystem Information (TEI) polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes. These describe the physical and biological c... more	To download...
Ecosystem	Terrestrial Ecosystem Mapping (TEM) Detailed Polygons with Short Attribute Table - 1:50,000 Spatial View	Detailed Polygons	Terrestrial Ecosystem Mapping data - subset of 1:50,000 scale projects only - in a shape file	STE_TEM_50K_POLYS_SVW contains Terrestrial Ecosystem Mapping (TEM) polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes completed at a scale of 1:50,000 or sma... more	To download...
Ecosystem	Terrestrial Ecosystem Mapping (TEM) Detailed Polygons with Short Attribute Table - 1:20,000 Spatial View	Detailed Polygons	Terrestrial Ecosystem Mapping data - subset of 1:20,000 scale projects only - in a shape file	STE_TEM_20K_POLYS_SVW contains Terrestrial Ecosystem Mapping (TEM) polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes completed at a scale of 1:20 000. TEM ... more	To download...
Ecosystem	Terrestrial Ecosystem Mapping (TEM) Detailed Polygons with Short Attribute Table - Greater Than 1:20,000 Spatial View	Detailed Polygons	Terrestrial Ecosystem Mapping data - subset of greater than 1:20,000 scale projects only	TEM_GT20K contains TEM polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes completed at a scale greater than 1:20 000 (i.e. 1:10 000 or 1:5 000). TEM divides ... more	To download...

Broad project type	Geographic Data Warehouse Layer Title	Data type	Short Description of what you get:	MetaData - Short Description	Hyperlink to download data
Ecosystem	Predictive Ecosystem Mapping (PEM) Project Boundaries			PEM_Projects contains Predictive Ecosystem Mapping (PEM) project boundaries (study areas) and attributes describing each project (project level metadata), plus links to the locations of other data associated with the project (e.g., reports, polygon datasets, plotfiles,... more	To download...
Ecosystem	Predictive Ecosystem Mapping (PEM) Detailed Polygons with Short Attribute Table Spatial View			PEM_Polygons contains Predictive Ecosystem Mapping polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes. PEM uses modeling to divide the landscape into units according... more	To download...
Ecosystem	Predictive Ecosystem Mapping (PEM) Detailed Polygons with Short Attribute Table - 1:50,000 Spatial View	Detailed Polygons	Predictive Ecosystem Mapping data - subset of 1:50,000 scale projects only - in a shape file	PEM_50K contains 1:50,000 PEM polygons with key and amalgamated (concatenated) attributes derived from the Resource Inventory Standards Committee (RISC) standard attributes. PEM divides the landscape into units according to a variety of ecological features including... more	To download...
	Predictive Ecosystem Mapping (PEM) Detailed Polygons with Short Attribute Table - 1:20,000 Spatial View	Detailed Polygons	Predictive Ecosystem Mapping data - subset of 1:20,000 scale projects only - in a shape file	PEM_20K contains 1:20,000 PEM polygons with key and amalgamated (concatenated) attributes derived from the Resource Inventory Standards Committee (RISC) standard attributes. PEM divides the landscape into units according to a variety of ecological features including ... more	To download...
Ecosystem	Sensitive Ecosystems Inventory (SEI) Project Boundaries	Project Boundaries	Sensitive Ecosystem Inventory data in a shape file	Sensitive Ecosystems Inventory (SEI) project boundaries contains (study areas) and attributes describing each project (project level metadata), plus links to the locations of other data associated with the project (e.g. reports, polygon datasets, plo... more	To download...
Ecosystem	Sensitive Ecosystems Inventory (SEI) Detailed Polygons with Short Attribute Table Spatial View	Detailed Polygons	Sensitive Ecosystem Inventory data in a shape file	SEI_Polygons contains Sensitive Ecosystems Inventory polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes. SEI identifies and maps rare and fragile terrestrial ... more	To download...
Terrain	Terrain Mapping (TER) Project Boundaries	Project Boundaries	Terrain data (including Terrain Inventory, Terrain Stability Mapping and Bioterrain) in a shape file	Terrain Mapping (TER) project boundaries contains (study areas) and attributes describing each project (project level metadata), plus links to the locations of other data associated with the project (e.g., reports, polygon datasets, plotfiles, legend... more	To download...
Terrain	Terrain Mapping (TER) Polygon Attributes	Detailed Polygons	Terrain data (including Terrain Inventory, Terrain Stability Mapping and Bioterrain) in a shape file	STE_TER_ATTRIBUTE_POLYS_SVW contains Terrain Mapping (TER) polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes. Mapping criteria vary considerably between the ... more	To download...
Terrain	Terrain Inventory Mapping (TIM) Detailed Polygons with Short Attribute Table Spatial View	Detailed Polygons	Terrain Inventory data (subset of Terrain data) in a shape file	Terrain Inventory Mapping (TIM) contains polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes. TIM is multi-purpose and divides the landscape into unit accordin... more	To download...

Broad project type	Geographic Data Warehouse Layer Title	Data type	Short Description of what you get:	MetaData - Short Description	Hyperlink to download data
Terrain	Terrain Stability Mapping (TSM) Detailed Polygons with Short Attribute Table Spatial View	Detailed Polygons	Terrain Stability Mapping data in a shape file	Terrain Stability Mapping (TSM) contains polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes. TSM uses air photo interpretation and select field checking t... more	To download...
Terrain	Bioterrain Mapping (TBT) Det Bioterrain Poly + Shrt Attr SVW	Detailed Polygons	Bioterrain data (terrain attributes/polygons from Ecosystem projects) in a shape file	Bioterrain (TBT) contains polygons with key and amalgamated (concatenated) attributes derived from the RISC (Resource Inventory Standards Committee) standard attributes. TBT divides the landscape into units using the Terrain Classification System for... more	To download...
Soil	Soil Mapping (SOIL) Project Boundaries	Project Boundaries	Soil only in a shape file (Note: detail polygon data is available upon request from soilterrain@victoria1.gov.bc.ca)	Soil Mapping (SOIL) project boundaries contains (study areas) and attributes describing each project (project level metadata), plus links to the locations of other data associated with the project (e.g., soil survey reports, polygon datasets, plotfil... more	To download...
Wildlife Habitat	Species Distribution Modeling and Wildlife Habitat Ratings Project Boundaries	Project Boundaries	Species Distribution Modelling and Wildlife Habitat Modelling data (note: no projects loaded yet)	Species Distribution Modeling (SDM) and Wildlife Habitat Ratings (WHR) project boundaries contains (study areas) and attributes describing each project (project level metadata), plus links to the locations of other data associated with the project (e... more	To download...