

Data sources



CCRS : Canada Centre for Remote Sensing
CFS : Canadian Forest Service
AAFC : Agriculture and Agri-Food Canada

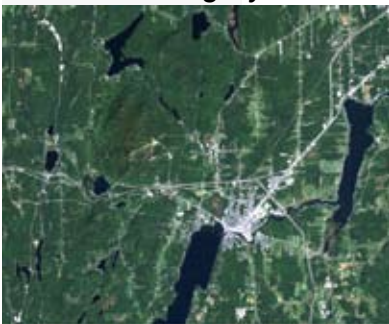
Land Cover is a classification of land surface materials into themes such as forests, wetlands, crops and pasture, snow and ice, rock, and urban development. GeoBase Land Cover is built from classified satellite orthoimagery. It is the result of collaborative work between Agriculture and Agri-Food Canada, Natural Resources Canada, the Canadian Space Agency and Canadian provinces and territories.

To create the GeoBase Land Cover a harmonized legend was developed by the collaborating agencies. The objective was to preserve as much thematic class detail as possible and still create a single, integrated coverage of all of Canada.

Uses

GeoBase Land Cover can be used in a wide variety of applications in forestry, the environment, agriculture, wetlands and land use in general, to make crucial decisions about urban development and resource management.

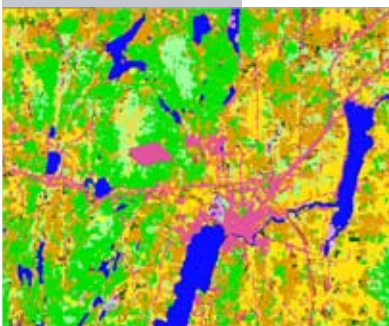
Landsat 7 imagery



Characteristics

The source data for the GeoBase Land Cover is Landsat 5 and Landsat 7 imagery acquired between 1999 and 2003. GeoBase Land Cover was produced by vectorizing classified raster data. Tied to the GeoBase Data Alignment Layer (GDAL), the Land Cover is aligned with other GeoBase data layers such as the National Road Network and the National Hydro Network. It can also be used in combination with both the GeoBase Landsat 7 and SPOT 4 and 5 orthoimagery.

Land Cover



Data formats

Land cover datasets are available for downloading in these formats:

- GML
- ESRI Shapefile™

Technical specifications and metadata are published on the GeoBase Website.