Data Loading

To see which datasets are still to come, see the Priority List for Future Loading.

Want to recommend a dataset to be loaded? Contact us at gis at scholarsportal.info

Scholars Portal GeoPortal
Données nouvelles dans ScholarsPortal GeoPortal

Region of Niagara Orthophotography, 2006
The Region of Niagara Orthophotography 2006 data set consists of 20 cm digital orthophotography covering the Region of Niagara. The imagery was collected by First Base Solutions.

Compressed GeoTIFFs: These images are JPEG-compressed GeoTIFFs, and are suitable for analysis in many cases. Should you require uncompressed TIFF files, these may be requested for download by contacting geoportal@scholarsportal.info, and providing your name and institution (ex. University of Guelph). For more information, click **Request Uncompressed TIFFs** below.

Please note: Due to the size of these tiles (~500 MB each), please request a portion of the data only. This can be done by including a polygon file of the study area, a description of a desired feature/area (ex. UTM campus), or a screenshot in your e-mail.

South Central Ontario Orthophotography Project (SCOOP) 2013 [revised]
SCOOP digital imagery was collected with sensor Leica geosystems ADS80 SH82 for areas of Ontario between April 26th and May 7th 2013.

The project encompassed an area of approximately 35,762 square kilometers, covering parts of South Central Ontario including Peterborough, Haliburton, Muskoka, Simcoe and surrounding areas.

A Leica ADS80 SH82 Digital Camera system including an inertial measuring unit (IMU) and a dual frequency airborne GPS receiver was used for the digital image acquisition. Imagery acquisition was performed at 1,920m AMT (above mean terrain) to produce 20cm GSD RGBNiR orthorectified imagery and related products. Ground control survey was also collected by Fugro.

This dataset represents a revised, colour-balanced version, to facilitate a seamless coverage over the entire collection of images. The original version is available in both JP2 and TIFF format here: http://geo2.scholarsportal.info/#r/details/_uri@=3516388189

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London Colour Digital Orthoimagery
The 2018 City of London Digital Mapping Data Distribution raster GIS dataset contains very detailed 10cm pixel resolution orthoimages (.sid) clipped to the city boundary.

Digital Raster Acquisition Project Eastern Ontario (DRAPE) 2014 Digital Elevation Model
The DRAPE 2014 DEM is a 2m raster elevation product that represents a generalized representation of both surface and ground features. The product was generated by an imagery contractor for the purpose of ortho-rectifying the DRAPE 2014 ortho-photography. Digital Raster Acquisition Project Eastern Ontario (DRAPE) ortho-photography was collected through a collaborative funding partnership for eastern Ontario. Contributing organizations include the Ontario Government, municipalities, Conservation Authorities, the private sector and the Federal Government.

Region of York Orthophotography, 2011
The Region of York Orthophotography 2011 data set consists of digital orthophotography at 15 cm resolution, showing the Region of York plus a 2 km buffer. The imagery was created using a Vexcel digital camera and collected in the spring of 2011 to ensure leaf off, no snow conditions, and was acquired in the spring of 2011 by First Base Solutions.

Compressed GeoTIFFs: These images are JPEG-compressed GeoTIFFs, and are suitable for analysis in many cases. Should you require uncompressed TIFF files, these may be requested for download by contacting geoportal@scholarsportal.info, and providing your name and institution (ex. University of Guelph). For more information, click **Request Uncompressed TIFFs** below.

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London Digital Elevation Model
The 2017 City of London Digital Elevation model is a 3-dimensional raster data set which captures terrain elevations.

This data set covers the entirety of the city of London, Ontario.

London Relief Data - Contours and Spot Heights (3D)
The 2017 City of London Topographic Map contains very detailed topographic and planning information, clipped to the municipal boundary of the city of London, Ontario.

This data set includes a 3D representation of spot height elevations and contour lines.

London Topographic Map - PDF
The 2017 City of London Topographic Map contains very detailed topographic information in PDF format.

This data set is clipped to the municipal boundary of the city of London, Ontario.

London Topographic Feature Data (2D)
The 2017 City of London Topographic Map contains very detailed topographic and planning information, clipped to the municipal boundary of the city of London, Ontario.

This data set includes features such as hydrography, vegetation, and shoreline.

Mississauga Colour Digital Orthoimagery, 2018
The 2018 City of Mississauga digital mapping data contains very detailed topographic and planning information clipped to the City of Mississauga municipal boundary.

This data set contains the 7 cm resolution TIFF version imagery for the City of Mississauga.

DMTI Satellite StreetView (SSV) - Ontario
DMTI Satellite Streetview is an integrated product containing orthorectified and pansharperned QuickBird Satellite imagery data combined with CanMap streets data. It provides satellite imagery at 60cm resolution along with boundary and point data.

This series contains imagery and supplementary data for several towns, cities, and locations in Ontario. For each record, images are arranged as one mosaic dataset and each mosaic has a currency date associated with it as part of the file name.

Supplementary files include mosaic tile layouts, street files, census subdivisions, and additional documentation, and are available from the metadata for each image service.

Mississauga Legend
The 2018 City of Mississauga digital mapping data contains very detailed topographic and planning information clipped to the City of Mississauga municipal boundary based on a scale of 1:2,000.

This data set contains a legend of street information for the City of Mississauga, Ontario.

Mississauga City Mask
The 2018 City of Mississauga digital mapping data contains very detailed topographic and planning information clipped to the City of Mississauga municipal boundary based on a scale of 1:2,000.

This data set contains a mask of the City of Mississauga, Ontario.

Mississauga Street Name Listing
The 2018 City of Mississauga digital mapping data contains very detailed topographic and planning information clipped to the City of Mississauga municipal boundary based on a scale of 1:2,000.

This data set contains a listing of street names in the City of Mississauga, Ontario.

DMTI Satellite StreetView (SSV) - Quebec
DMTI Satellite Streetview is an integrated product containing orthorectified and pansharperned QuickBird Satellite imagery data combined with CanMap streets data. It provides satellite imagery at 60cm resolution along with boundary and point data.

This series contains imagery and supplementary data for several towns, cities, and locations in Quebec. For each record, images are arranged as one mosaic dataset and each mosaic has a currency date associated with it as part of the file name.

Supplementary files include mosaic tile layouts, street files, census subdivisions, and additional documentation, and are available from the metadata for each image service.

DMTI Satellite StreetView (SSV) - Saskatchewan
DMTI Satellite Streetview is an integrated product containing orthorectified and pansharperned QuickBird Satellite imagery data combined with CanMap streets data. It provides satellite imagery at 60cm resolution along with boundary and point data.

This series contains imagery and supplementary data for several towns, cities, and locations in Saskatchewan. For each record, images are arranged as one mosaic dataset and each mosaic has a currency date associated with it as part of the file name.

Supplementary files include mosaic tile layouts, street files, census subdivisions, and additional documentation, and are available from the metadata for each image service.

Administrative Boundary Lines - Provincial and Territory
This layer contains Canadian Geopolitical Boundaries. It includes international, interprovincial and territorial boundaries, as well as the boundaries of Canada's exclusive economic zone.

The northern portion boundary might be cut off in the north when viewing online, but is included when the entire dataset is downloaded.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Valves Point
This layer indicates the locations of devices on a pipeline that control flow.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

WiFi Hotspots Point
This layer indicates locations in Canada that have public WiFi access.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Tower Point
This layer indicates the locations of towers. For this layer, a tower is defined as a structure of at least 10 meters in height built to provide clearance above the surrounding objects or features.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Water Names Point
This layer indicates the point locations and associated names of water features across Canada. This includes, but is not limited to, the names of lakes, rivers, channels, ponds, and reservoirs.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Tracks Line
This layer outlines the shape of sports tracks. These are typically found in recreational areas or part of educational facilities.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Stadium Point
This layer indicates the locations of structures containing tiered spectator seating along the perimeter of playing fields and sports tracks.

All features are classified using the North America Standard Industry Classification System (NAICS) and Standard Industry Classification (SIC), for further analysis. Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Tank Point
This layer indicates the point locations of cylindrical structures used to store liquids.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Silo Point
This layer indicates the locations of cylindrical structures of 20 meters or more in height used for storing silage.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Weigh Stations Point
This feature layer includes all weigh stations in Canada.

All features are classified using the North America Standard Industry Classification System (NAICS) and Standard Industry Classification (SIC), for further analysis. Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Runway Region
This layer represents the areas of runways, prepared surfaces used by airplanes and helicopters for take-off and landing.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Trails Line
This layer indicates the paths or routes suitable for walking, hiking, bicycling, and other outdoor activities.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Transmission Lines Line
This layer indicates the location of cables used for communication or power transmission.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.

Transformer Station Region
This layer indicates the sites where voltage is altered for an electrical power system.

Additional tables and supporting documentation are available in the Data Dictionary and User Manual.