


GEOG/TOUR 2P94 Human-Dominated Ecosystems

MAPS, DATA & GIS WEBSITE: <https://brocku.ca/library/collections/mdg/maps-geodata/>

Make a Topographic Map - <https://bit.ly/2xt573O>

Good source for designing a map of a study area for a report
Detail is based on 1:10,000 topo mapping for Ontario

Google Maps <https://maps.google.ca/>

Useful for navigating and viewing areas using 'Street View' 
'Satellite' view (bottom left corner) can also be useful for viewing some of the most recent imagery

Niagara Navigator: <https://maps-beta.niagararegion.ca/Navigator/>

- Imagery for years: 1934 - 2018
- Campgrounds, arenas, beaches, golf courses, marinas and trails (*Recreation*)
- Township and Lot boundaries (*Land Planning*)
- Wineries (*Recreation & Tourism*)

NPCA Watershed Explorer: <https://bit.ly/2tJUNSc>

- Thematic layers related to watershed management
- 2015 imagery (*Basemap Services*), Watershed Planning Areas, Subwatersheds (*Boundaries*)
- Conservation Areas, Trails (*Conservation Lands*)

Scholars GeoPortal: <http://geo2.scholarsportal.info/>

A geospatial data portal of relatively current information – land use, contours, water, roads, etc.
Mainly used to view and download GIS data for ArcMap applications
Allows some custom mapping capabilities

Niagara Open Data: <https://niagaraopendata.ca/>

A geospatial data portal for Niagara area – building footprints, neighbourhoods, land use, etc.

Air Photos: <http://arcg.is/ur0yH>

Essential source for imagery (1921 - 2015).
Provides an excellent resource for detecting landscape changes over a time period
Instructions for air photo retrieval are posted on the index cabinet OR the online index can be used
(Air photo interpretation of determining certain features will be essential)

Paper Maps/Publications Available Online:

Historical topographic maps date back to 1904 to late 1990's (1:50k; 1:25k) <https://bit.ly/2kfSPbj>
The Niagara Historical Map Gallery is rich in 18 and 19 century maps, older city plans of Niagara;
<https://bit.ly/2sbKYi1>

Library Research Guide for Tourism Studies - Search for publications, journal articles <https://bit.ly/2krevRS>

HOW TO Reference Maps & air photos - <https://bit.ly/2MBRO9N>

Paper Maps

Most of the print historical maps are listed individually in the Library Catalogue and SuperSearch. Individual print historical **topographic** maps are not in the catalogue/SuperSearch, but they can be easily located in the historical map cabinet.

Paper Maps used in the MDGL session on 19 September 2019:

City of St Catharines: Existing Land Use (2008)

MapLib G 3464 S35 G4 2008 S35

<http://catalogue.library.brocku.ca/record=b1968755~S0> (digitized version also online)

https://brocku.ca/library/wp-content/uploads/sites/51/StC_existing_land_use_2001.pdf

Generalized soil map: Regional Municipality of Niagara, Ontario (1989)

MapLib G 3463 S35 N54 J3 1989 L35

<http://catalogue.library.brocku.ca/record=b1364533~S0>

The Merritt Trail bicycle & walking trail, St. Catharines, Ontario (1980)

MapLib G 3464 S35 E63 1980 M47

<http://catalogue.library.brocku.ca/record=b1326729~S0>

Soils of the Regional Municipality of Niagara, Ontario (1989)

MapLib G 3463 N54 J3 1989 O567 StCa/NOTL

<http://catalogue.library.brocku.ca/record=b1233408~S0> (digitized version also online) <https://arcg.is/1y1qTC>

Map of the town of St. Catharines, Canada West (1852)

MapHist G 3464 S35 1852 S65

<http://catalogue.library.brocku.ca/record=b1625210~S0> (digitized version also online) <https://bit.ly/2sbKYi1>

Historical Topographic Maps (digitized version also online) <https://arcg.is/0uLnuD>

1904/1930 30 M|3 Niagara [no catalog entry]

1906/1938 30 M|3 Niagara [no catalog entry]