Scholars GeoPortal
- A step-by-step Tutorial -

Navigating the Portal

1. Go to http://geo.scholarsportal.info
2. Zoom into the St. Catharines area using the zoom features located in the top left of the map window, or use the scroll wheel on the mouse.
3. Click n' drag to pan around the map.
4. Find your neighbourhood.
5. Select the **Base Maps** option in the top right of the screen and select a few different options to see the differences: imagery, street map. Light Gray.
6. Zoom out to full extent using the zoom out tool.
7. Select the ESRI World Street Map, and close the window.
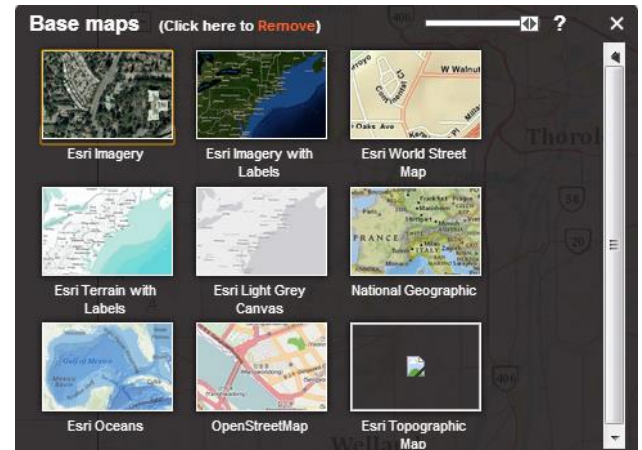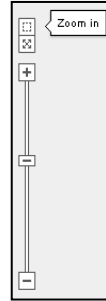
Search and View data

From the **Search** tab, several options are available: use a keyword to search data; or select a subject category from the *Browse by* list provided. A place or address search is also available.

1. Under the **Search** tab click the **Data** button.
2. Click the search box and enter *land cover*.
3. Click the **Search** button, and a list of results appears.
4. The **Details** button opens the *metadata* record - a description of the data.
5. Scroll down the list to find the *Land Cover Region* layer, click **Add** and add the most recent data. (***A Conditions of Use agreement window will appear. It is important that you read and agree to these terms before the data can be added.***) The land cover layer will be added to the map window.
6. Zoom to a local area to view the detail.
7. Click the **Back to Results** button; then **Back to Browse**.
8. Select *Human Health and Disease* from the *Browse by* list and **Add** the layer describing *Long Term Care Home Locations*.

Preview Data

1. Click the **Map** tab. This lists the data layers, with legend, that were added to the map view.
2. Layers can be rearranged by click and drag.
3. Use the transparency slider to fade the *land use* layer. Streets and place names from the base map are now more visible.
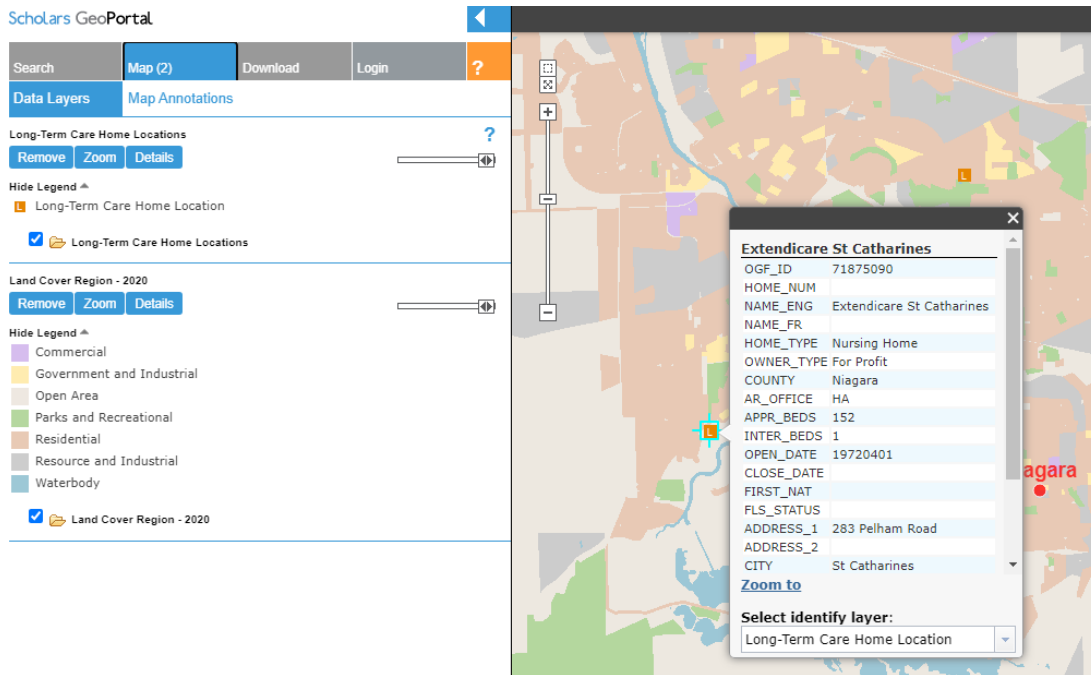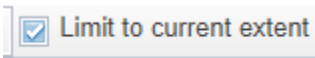

Identify a map feature

1. Click a feature on the map to identify it.
2. Once the popup box appears, select the appropriate layer from the **Select Identify Layer** drop down. Information about the selected feature will appear.

View the Attribute Table

1. Click the **Data Table** tab from the map view menu bar at the top.
2. Select the layer and notice the columns of data associated with the layer. At the top of the table click

   ☑ Limit to current extent

3. Close the table by clicking the X in the top right corner of the table.

		Query Export Result Reset Long-Term Care Home Locati ▼	☑ Limit to current extent				
OBJECTID	**OGF_ID**	**HOME_NUM**	**NAME_ENG**	**NAME_FR**	**HOME_TYPE**	**OWNER_TYPE**	**COUNTY**
33	71875350		Valley Park Lodge		Nursing Home	For Profit	Niagara
61	71875723		Tufford Nursing Home		Nursing Home	For Profit	Niagara
128	71875905		West Park Health Centre		Nursing Home	For Profit	Niagara
283	71875599		Millennium Trail Manor		Nursing Home	For Profit	Niagara
290	71875621		Oakwood Park Lodge		Nursing Home	For Profit	Niagara
317	71875782		R. H. Lawson Eventide Home		Charitable	Non-Profit	Niagara
374	71875090		Extendicare St Catharines		Nursing Home	For Profit	Niagara
452	71874971		Meadows Of Dorchester (The)		Municipal	Non-Profit	Niagara

Found **8** features - showing **1** to **8**

Download Data

Data layers for an area of interest can be downloaded in a number of file formats for use in a GIS software, such as ESRI ArcGIS.

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To define the area of data extraction:

1. Zoom to the extent of St. Catharines, ON.
2. Click the **Download** tab and select *Download by area of interest.*
3. Select the **Select a pre-defined area** button. (You may also draw an area of interest using the draw tools.)
4. From the dropdown list, choose **Census Subdivision**.
5. In the map view, click on St. Catharines, the CSD becomes highlighted. Data within this area only will be extracted.
6. Under **Choose an output file format**, Shapefile – (.shp) is default. This is the native format used for ArcGIS.
7. Under **Choose an output coordinate system,** Same As Input is default. This is the format used when the data was created.
8. Under **Select datasets to include**, make sure all desired layers are selected, or deselect those that are unwanted.
9. Click **Download** button and allow the program to extract the data (this may take several seconds).
10. The zip files per layer will appear in the **My download list**.

Export a Map

A map layout view can be exported in several file formats, jpg, pdf, etc. and includes a title, legend, scale, data source, etc.

1. Click **Export** from the map view menu bar at the top.
2. Complete the Export window form and click **Export**.
   Note: A **Print** option is also available on the map view menu bar.
3. When processed, the file will appear in **My download list** and can be saved locally.

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*Note that the exported map includes ALL layers in the map view regardless if they are checked or not. Remove unwanted layers using the **Map** tab.
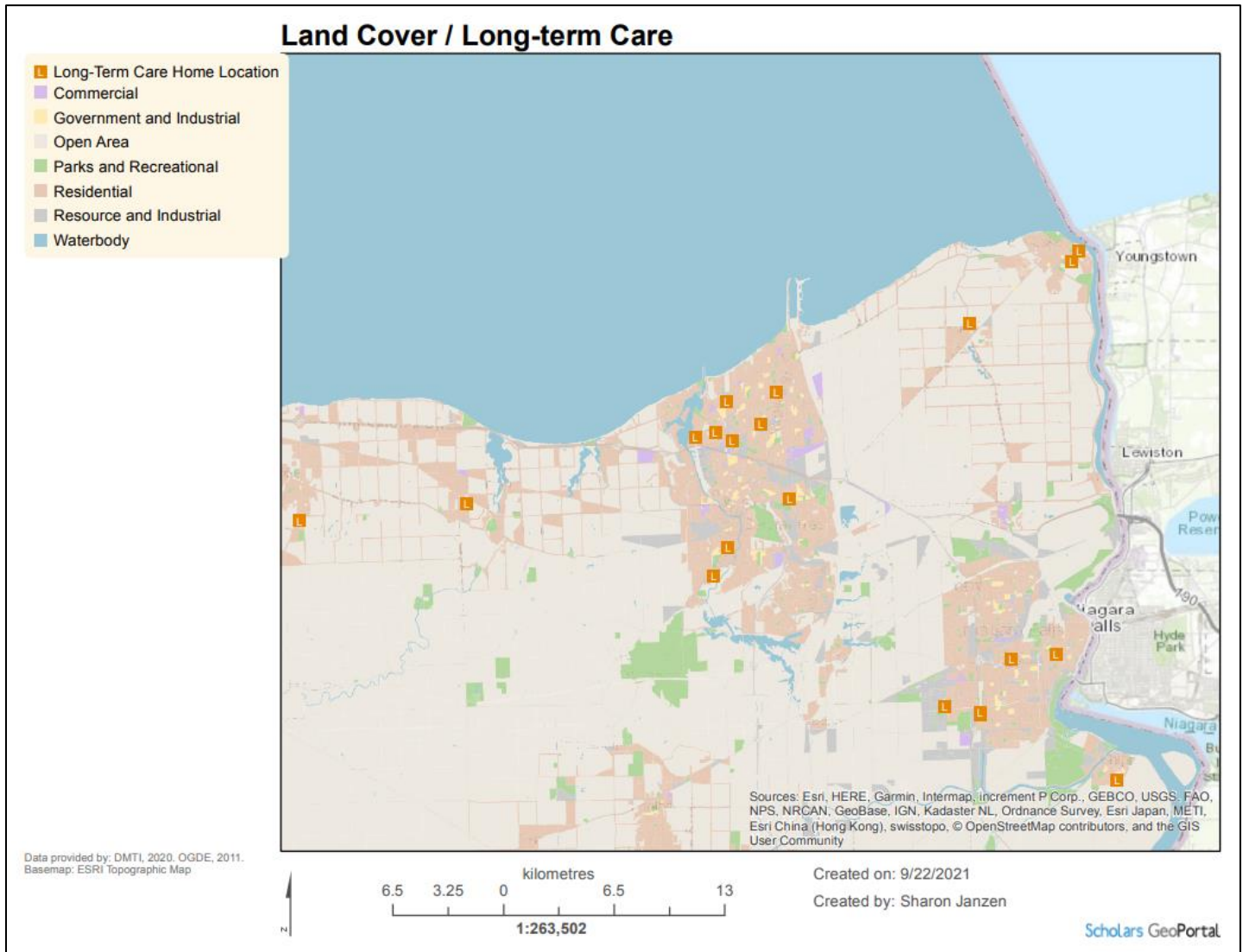
Share a Map

A map view can also be shared using the **Share** link from the map view menu bar.

1. Click **Share** and copy the url address (highlight and Ctrl-C) from the **Link** box (it could be lengthy).
2. Paste (Ctrl-V) the url in an email, website, or make a link in a text document to share with others.
   The link will open the GeoPortal site and display the map view you created.