



ESRI Canada

g geography network
canada *access a world of information*

Downloading Data from the Geography Network Canada

Background

ESRI Canada hosts the Geography Network Portal as a service to its user community. The Geography Network can be used to search for, discover, and use a large number of data services and online applications.

The Geography Network currently provides complete datasets for the provinces of Manitoba, Ontario, and New Brunswick. Data for the other provinces will be added as it becomes available. Visit the Geography Network to view recent updates.

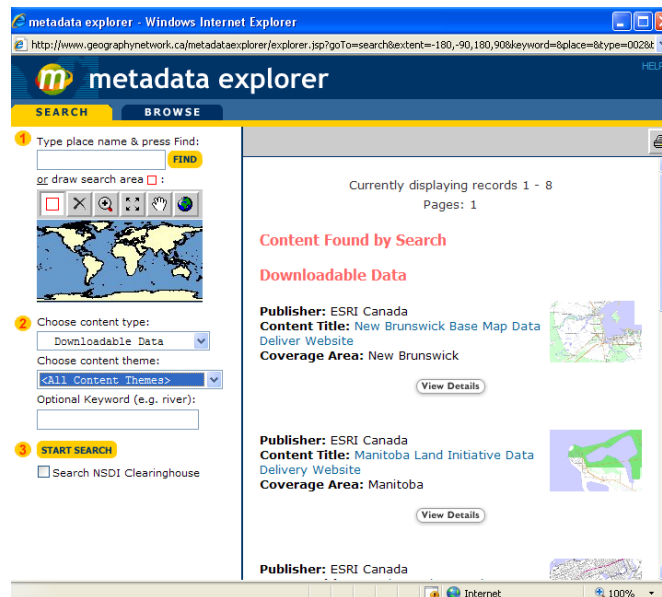
Startup and Navigation

1. Go to www.geographynetwork.ca – *Make sure you disable pop-up blockers to use this site.*
2. On the left side of your screen, under the *explorer* section, go to the *Choose content type* drop down menu on the left side and choose **Downloadable Data**. Click **Search**.

The screenshot shows the Geography Network Canada website. The top navigation bar includes links for 'about us', 'data', 'maps', 'solutions', 'standards', and 'publishers'. The main content area is titled 'Find and share geographic data From Canada's leading data providers'. On the left, the 'explorer' sidebar contains search options. Two white arrows point to the 'explorer' header and the 'Choose content type' dropdown menu, which is currently set to 'Downloadable Data'. Below the dropdown is a 'SEARCH' button. The main content area includes a 'Welcome to GN Canada!' message, a description of the network, and a 'What's New?' section dated May 27, 2009.





- In the metadata explorer window that appears, scroll through the list to see available content.

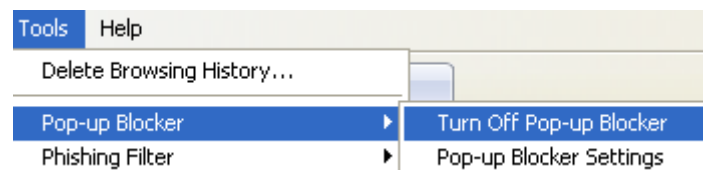


- Click on the **View Details** button to view the metadata. This is the information you will use to determine which map is best suited for your study.

Note: Metadata is information about the data such as the spatial extent, the specific layers that are shown and the date the data was recorded.

- Scroll down and click on the **View Coverage Area** button to see a thumb nail of the map extent. You may also click on the **View Full Metadata** button to view all the information about the data.
- Once you have determined the map you wish to use, scroll back up and click on the **Title of Content** to open the map viewer.
- Using the standard Zoom tool , zoom in to an area of interest. There is a scale dependency in the map, so you will need to zoom in to a small area before you see all the layers. The layers will differ depending on what data you are using. Examine the layers in the table of contents and select the ones that you wish to download using the check boxes.
- Once you have reached your desired area of interest, click on the "Download" button  (left). A new screen will appear if are an existing user.

Important Note: Make sure your browser 'Pop-Up' blocker is disabled for the www.geographynetwork.ca site. If you have *Internet Explorer*, go to the **Tools** menu, select **Pop-up Blocker** and then **Turn off Pop-up Blocker**.





Sign-In

You will have two options when you sign in:

- If you have downloaded data before, (Returning user) sign in with your registered e-mail and click "Proceed to download". Skip ahead to "*Choose Formats and Download*".
- If you are visiting for the first time, click on "Registration".

If you are a new user, you will need to register.

New Users

In order to download data, you need to register. When you click on the "Registration" button, you will see the "Contact Details" form. It is very important to use a valid, correct e-mail address. Fill out all the remaining contact information, and click "Register and Proceed to Download".

Choose Formats and Download

All that remains is to specify your data format, the projection of the data, and agree to the terms and conditions.

Here, you can change:

- The data download format
- Projection coordinates
- Extents (See **Note** below)
- Selected Layers

You must agree to the **License and Agreement** by checking off "I Agree".

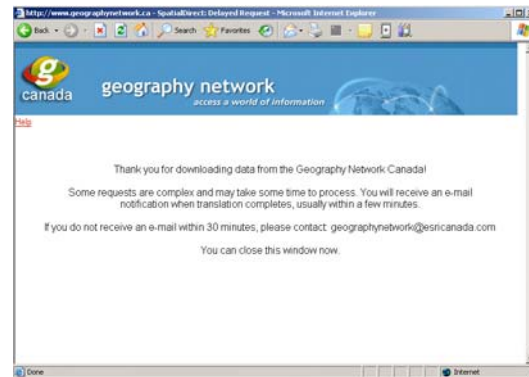
Click "**Download Data**" to proceed.



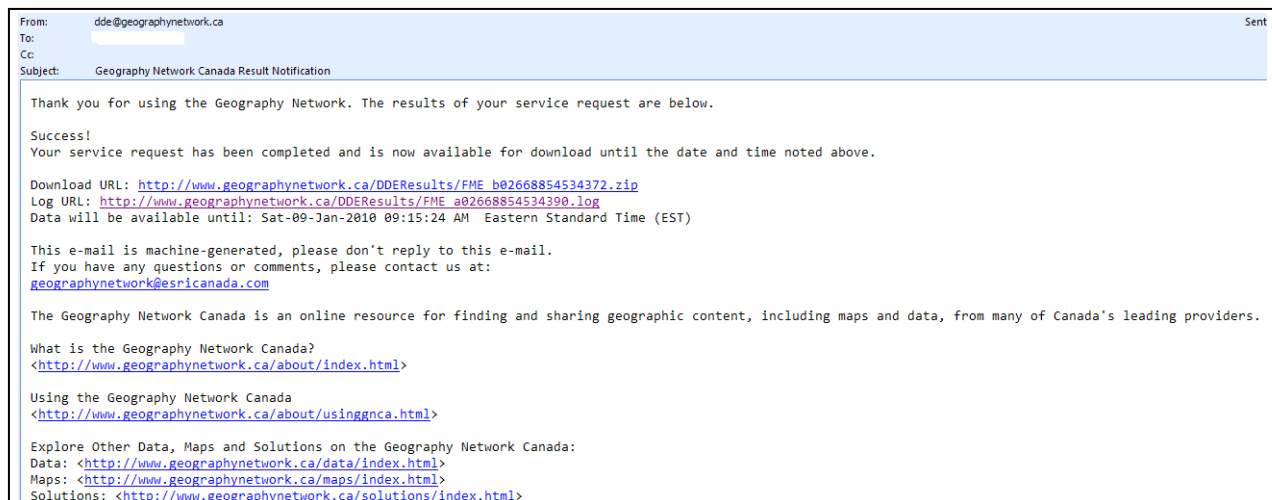
Note: The data download application will prevent large data downloads. Depending on the combination of extent, number of layers, and number of features, you may get a message that your job will not be processed. In this case, reduce one of these factors (extent, number of layers) and try again.

Confirmation

When the job is submitted, a confirmation screen will appear. Read the message, and then close the window.



You will be sent a confirmation e-mail when your data is ready for download. Typically this can take a few minutes, but if the server is busy it can take a bit longer. Your confirmation e-mail will contain a URL to the ZIP file with your data.



Once you have saved the data and unzipped it, you can begin to explore and analyze the data in ArcView.