



GeoNode

Basic download tutorial

based on [GeoNode Users Guide](#)
for [Data Atlas Fontium](#) platform

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About the tutorial

This tutorial is dedicated to non-advanced Users of the [Data Atlas Fontium](#) platform.

data.atlasfontium.pl is a repository of historical geodata managed by the Department of Historical Atlas (IH PAN). It allows storing historical sources and materials that have a spatial dimension and as such can easily be viewed as maps.

In this manual we describe how to download resources.

Tutorial was based on [GeoNode Users Guide](#), where you can find more advanced and detailed information.

QGIS

QGIS is a free Geographic Information System that supports many raster, vector and database data formats.

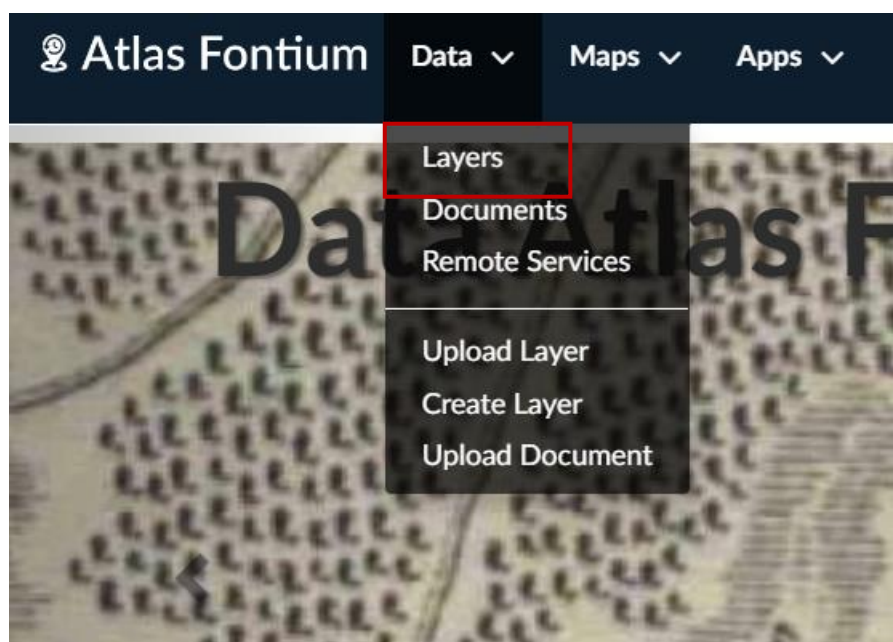


In the following instructions, we will show you how to download data from the [Data Atlas Fontium](#) platform and upload them to the program.

To download and install QGIS, go to the application [download page](#).

Data download

From the Data menu, choose *Layers*.




Find the layer you want to download and click its title to open details.



Data download

To download a layer, select the **Download Layer** button.

ne_10m_populated_places



Download Layer

Metadata Detail

Editing Tools

View Layer

Download Metadata

Legend

Circle

Maps using this layer

List of maps using this layer:

Testowa mapa

Info

Attributes

Share

Ratings

Comments

Favorite

Title

ne_10m_populated_places

Abstract

No abstract provided

Publication Date

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The first tab contains options for downloading a layer as an image (map printout). To download a printout, click on the selected format, the image will be automatically downloaded by the browser.

Download Layer

Images

Data

PNG

PDF

JPEG

Close

Data download

The second tab offers options for downloading a layer in vector or raster format (depending on the resource). To download an asset, click on the chosen format, most formats will be automatically downloaded.

Download Layer

Images

Data

Do you want to filter it?

Pick your download format:

GeoJSON

Excel

CSV

GML 3.1.1

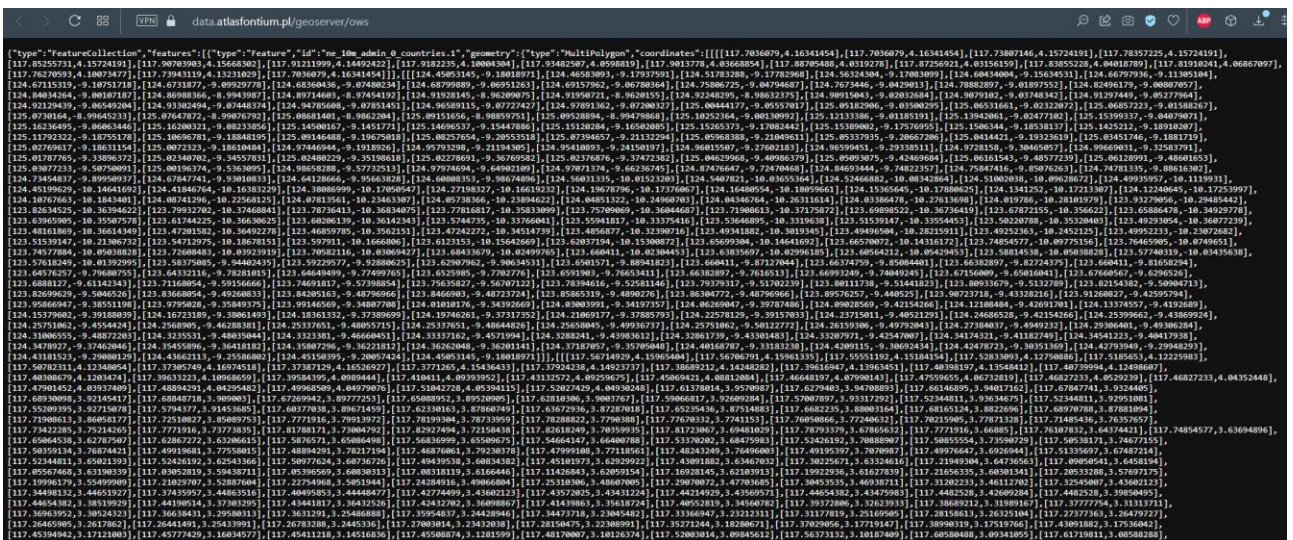
GML 2.0

Zipped Shapefile

Original Dataset

Close

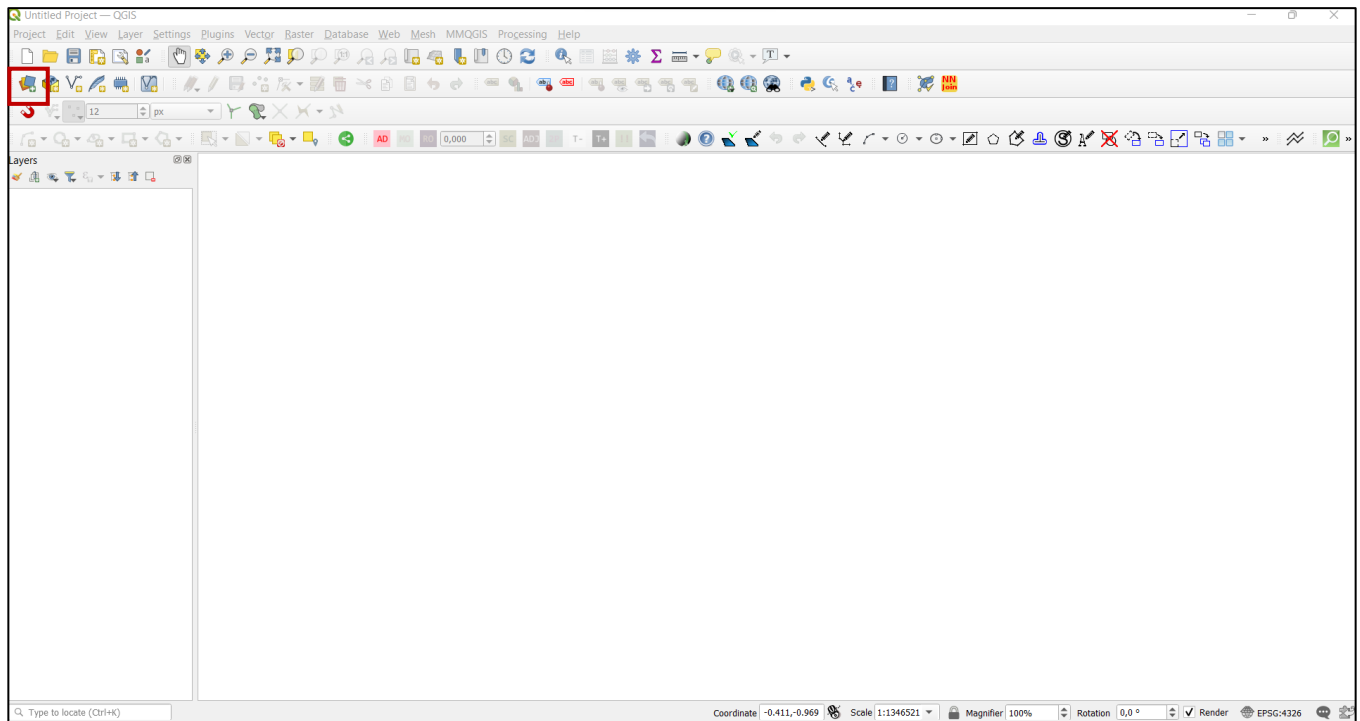
If you choose GeoJSON or GML format, the encoded file will open in a new browser tab.



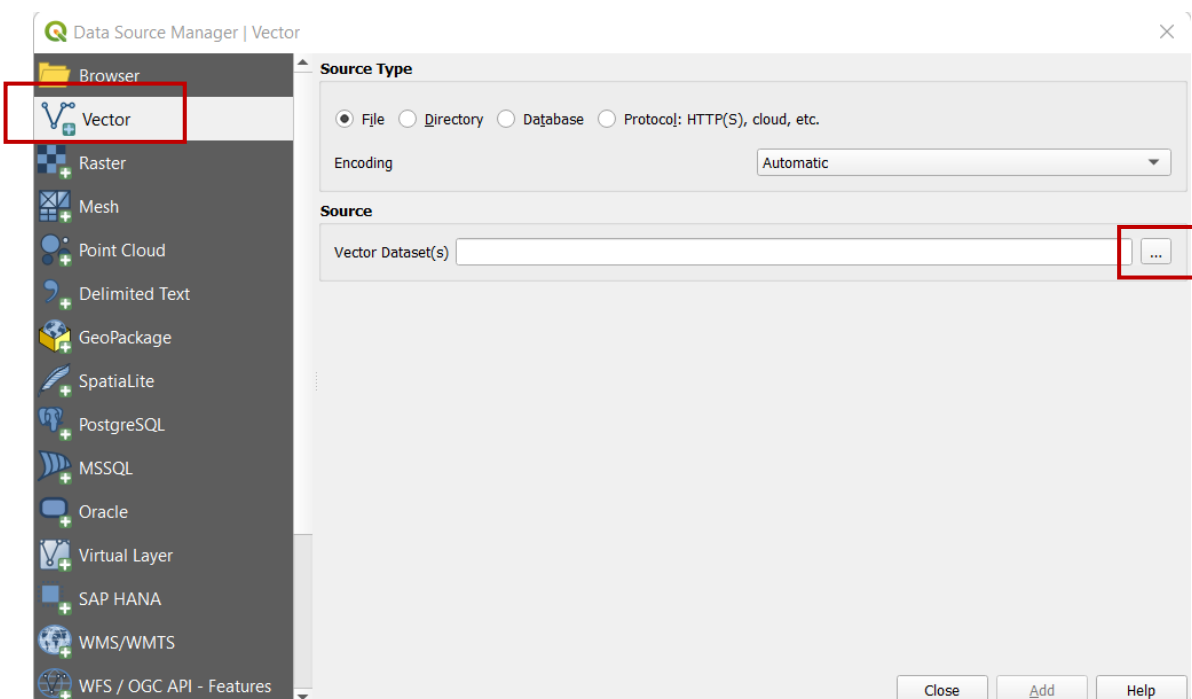
To save a file, right-click on the opened page and select the Save As option. Save the file with a new name, ending in .json.

Adding data in QGIS

Open a new project in QGIS and open the data adding tool.

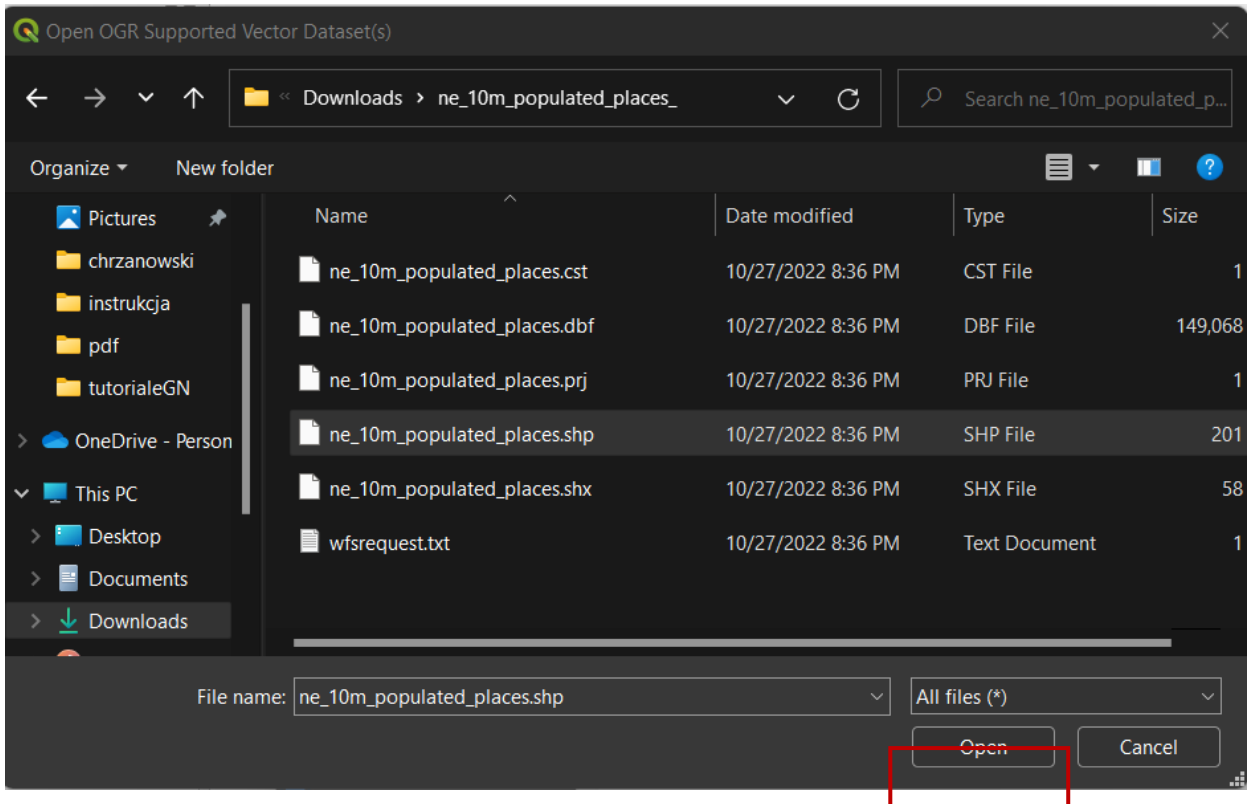


Select the option of adding vector data and select the file to be loaded.

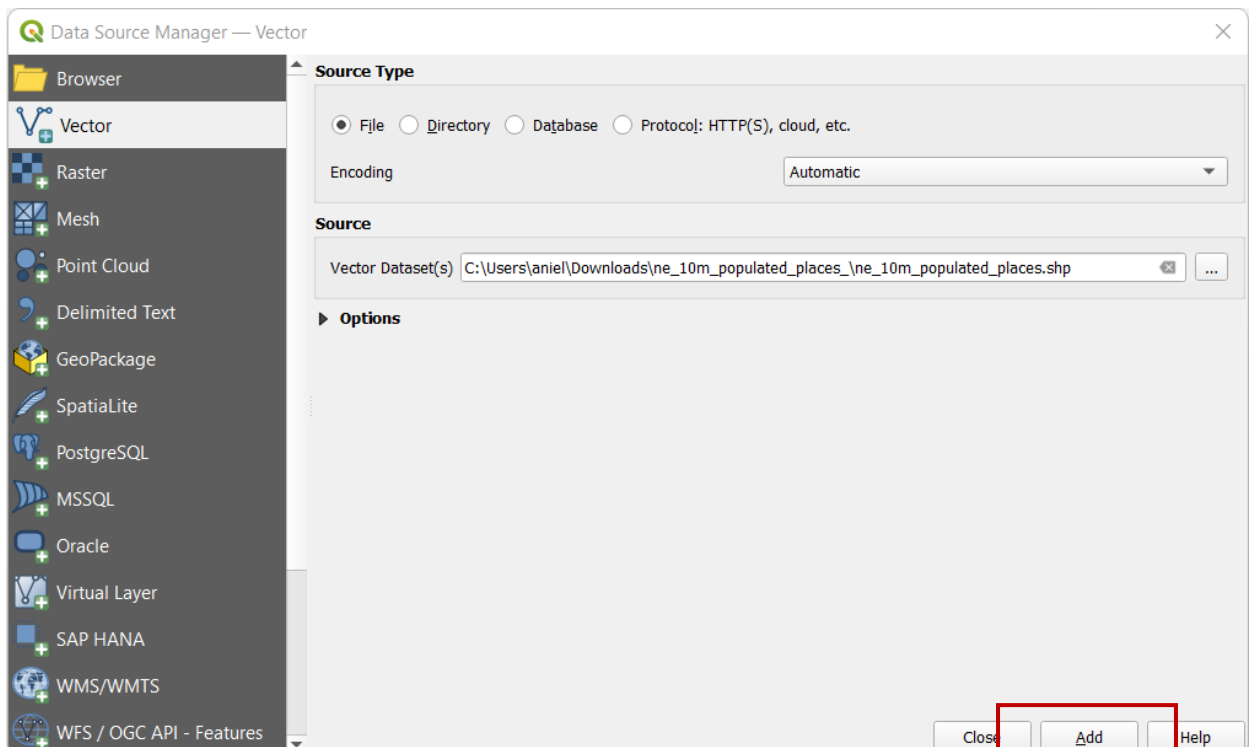


Adding data in QGIS

Select the SHP or JSON file and click Open.

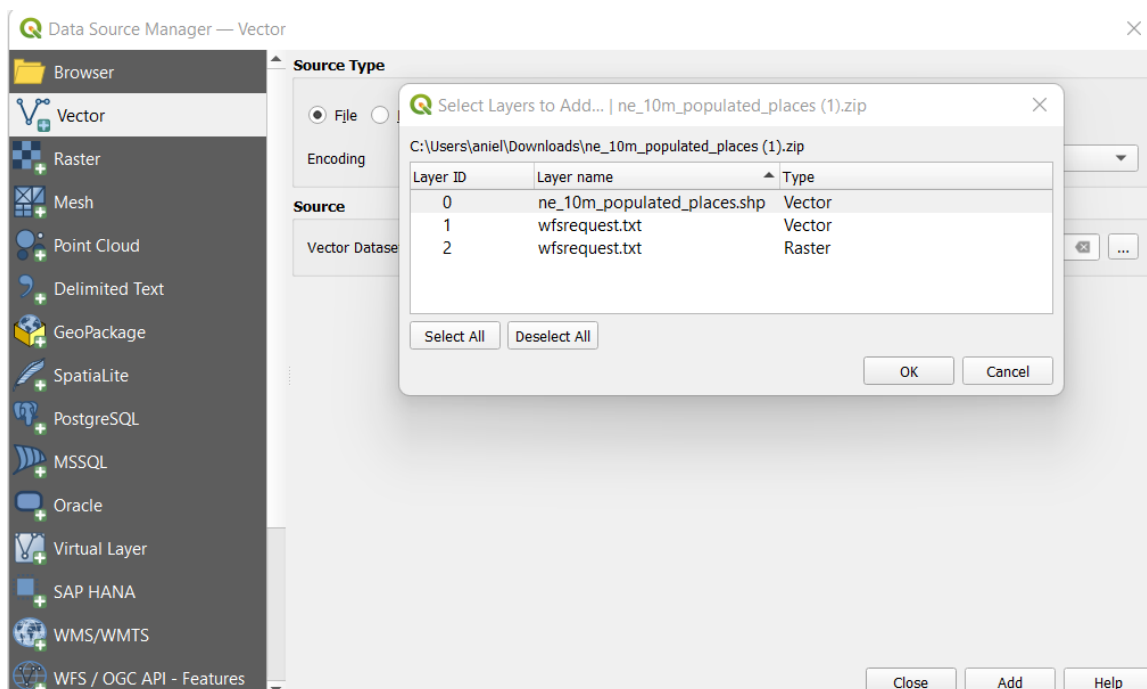


Click the **Add** button. If the file is a compressed .zip, an additional window will appear asking you to select the main file.

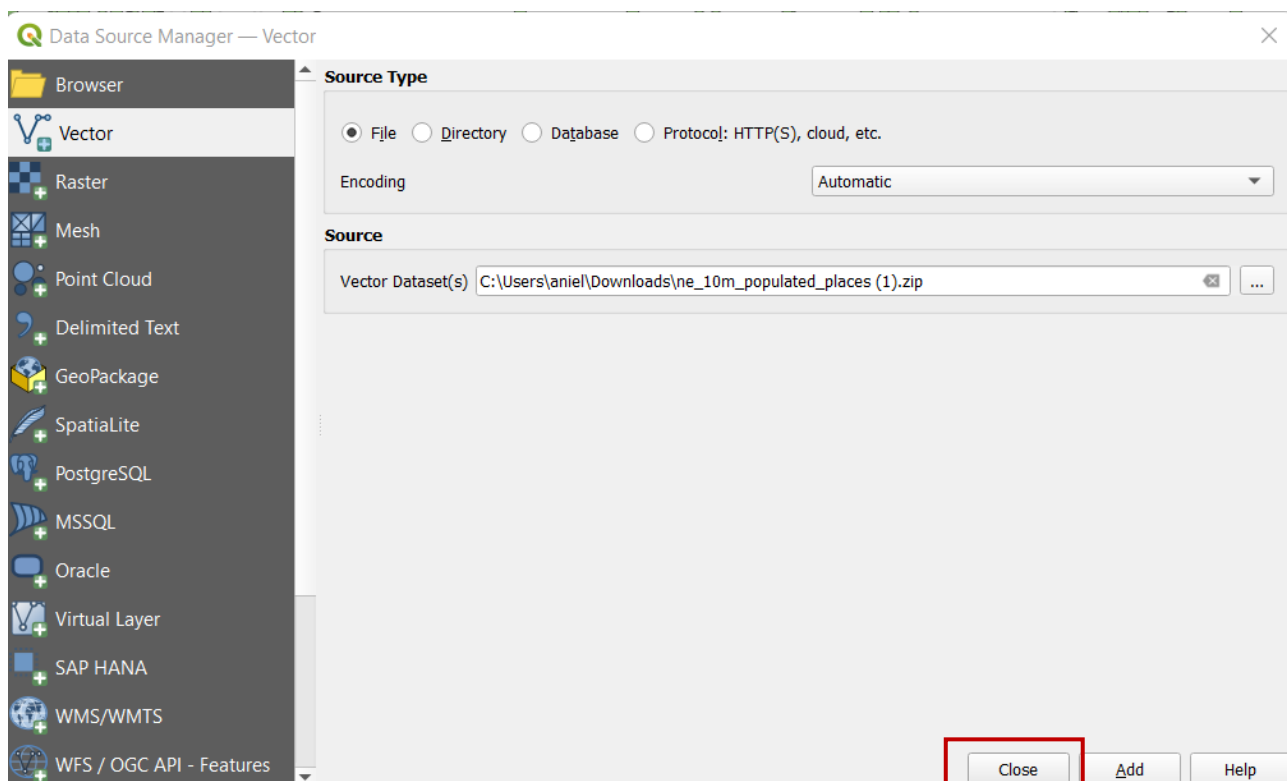


Adding data in QGIS

Select the file with the .shp extension and click **OK**.

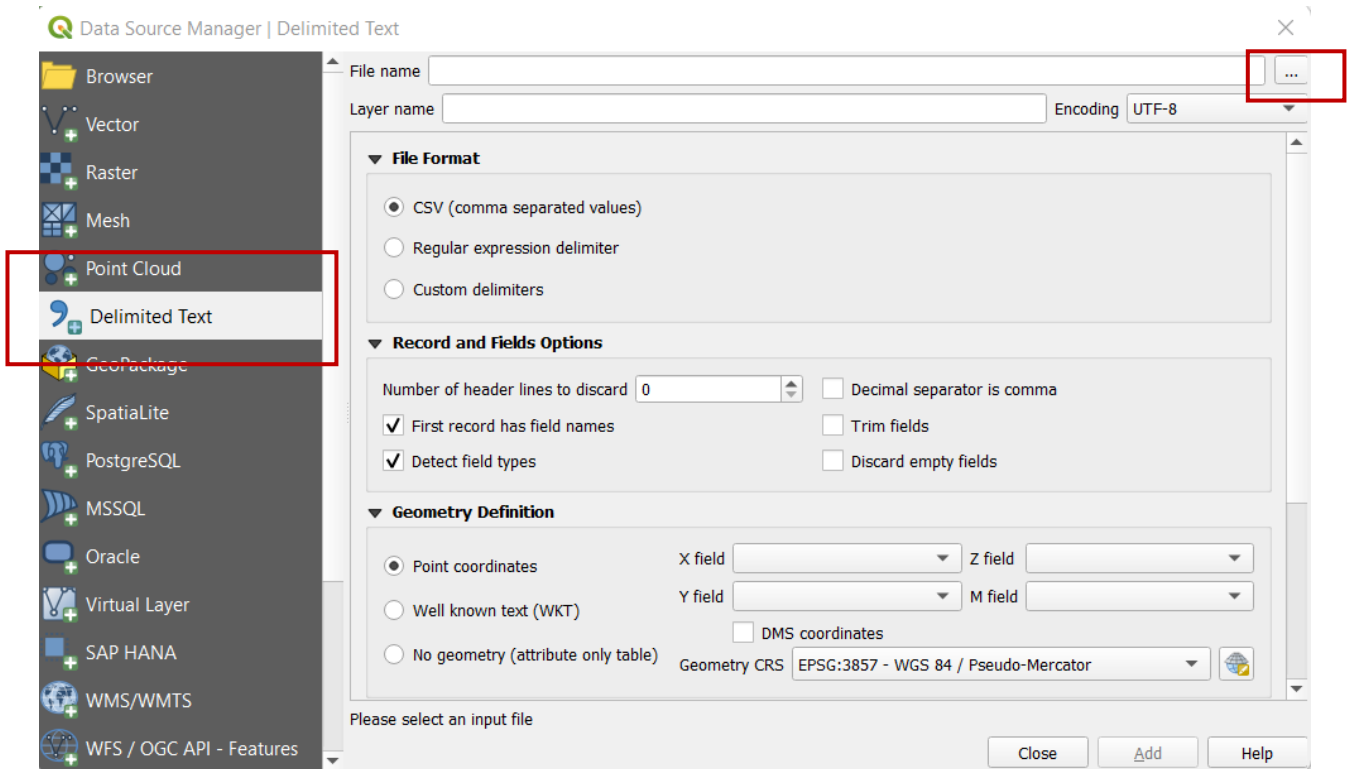


Close the adding data window.

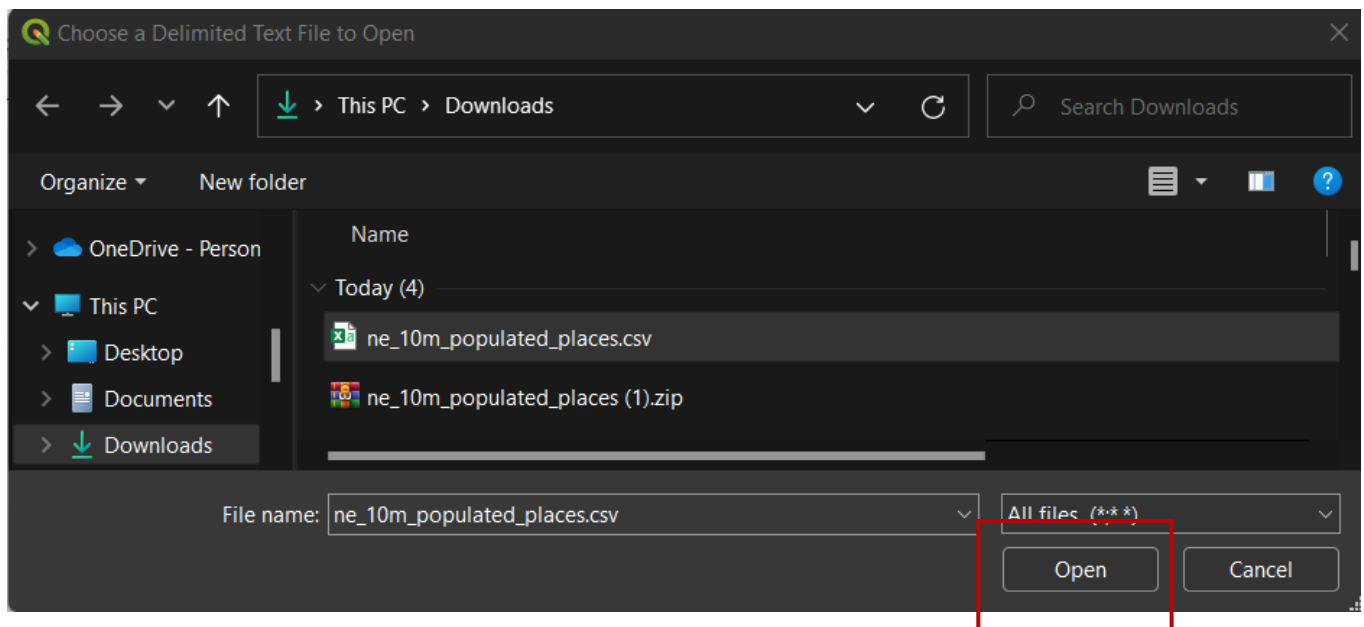


Adding a CSV file

In the data adding window, select the Delimited Text option and select the source file.



Select the file and click **Open**.



Adding a CSV file

Select the file format, geometry field, and coordinate system.

Data Source Manager | Delimited Text

File name: C:\Users\aniel\Downloads\ne_10m_populated_places.csv
Layer name: ne_10m_populated_places Encoding: UTF-8

File Format

☒ CSV (comma separated values)
☐ Regular expression delimiter
☐ Custom delimiters

Record and Fields Options

Number of header lines to discard: 0
☒ First record has field names
☒ Detect field types
☐ Decimal separator is comma
☐ Trim fields
☐ Discard empty fields

Geometry Definition

☐ Point coordinates
☒ Well known text (WKT)
☐ No geometry (attribute only table)
Geometry field: the_geom
Geometry type: Detect
Geometry CRS: Project CRS: EPSG:4326 - WGS 84

Layer Settings

☐ Use spatial index
☐ Use subset index
☐ Watch file

Sample Data

| | FID | fid_1 | the_geom | SCALERANK | NATSCALE | LABELRANK | FEATUR |
|---|---------------------------|-------|---|-----------|----------|-----------|---------|
| 1 | ne_10m_populated_places.1 | 1 | POINT (-57.836116004496425 -34.469787716602944) | 10 | 1 | 8 | Admin-1 |
| 2 | ne_10m_populated_places.2 | 2 | POINT (-56.9009966 -33.5439989) | 10 | 1 | 8 | Admin-1 |
| 3 | ne_10m_populated_places.3 | 3 | POINT (-58.3039975 -33.138999) | 10 | 1 | 8 | Admin-1 |
| 4 | ne_10m_populated_places.4 | 4 | POINT (-56.3840015 -34.528000) | 10 | 1 | 8 | Admin-1 |

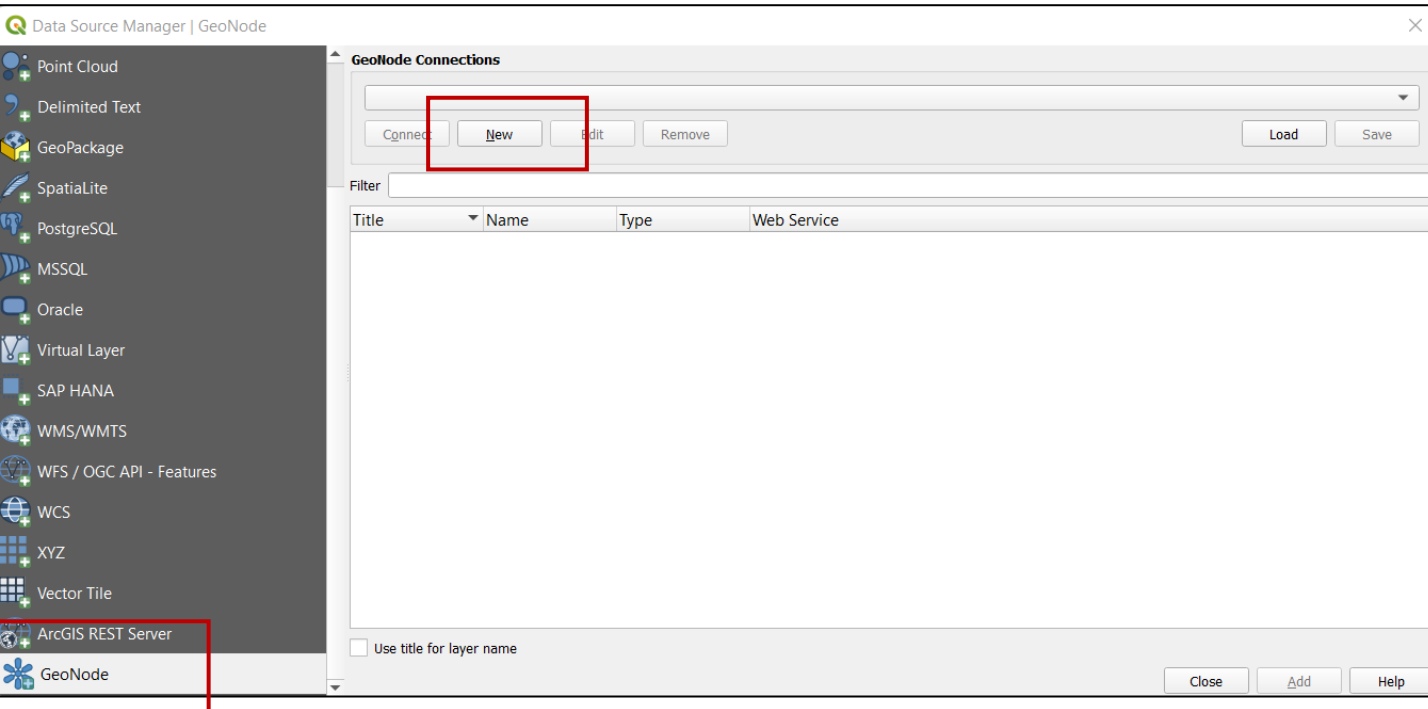
Close Add Help

The table shows a preview of the data. Check if the data is correct.

After choosing all parameters and checking the preview table, click **Add**.

Adding data via plugin

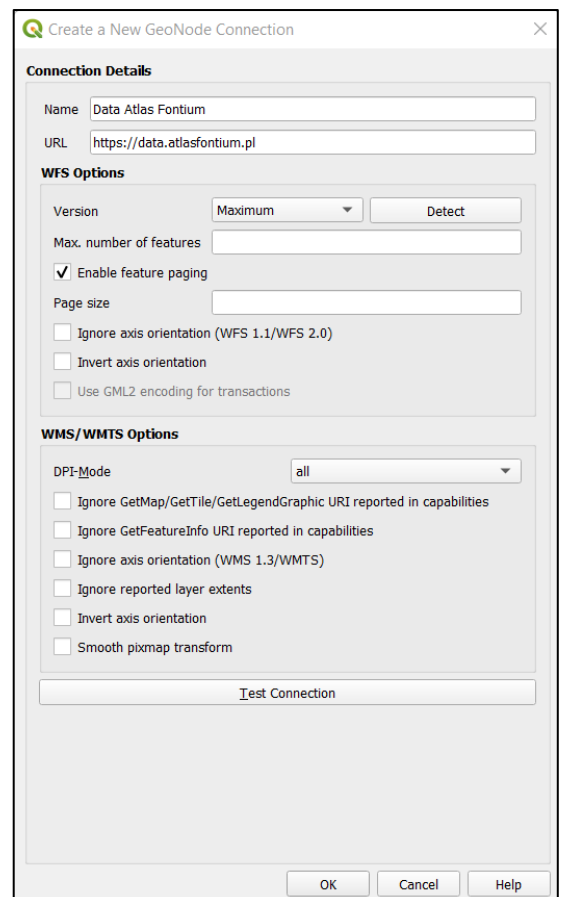
Select GeoNode from the resource adding tools and create a new connection.



Enter the name of the connection and the address of the Data Atlas Fontium website.

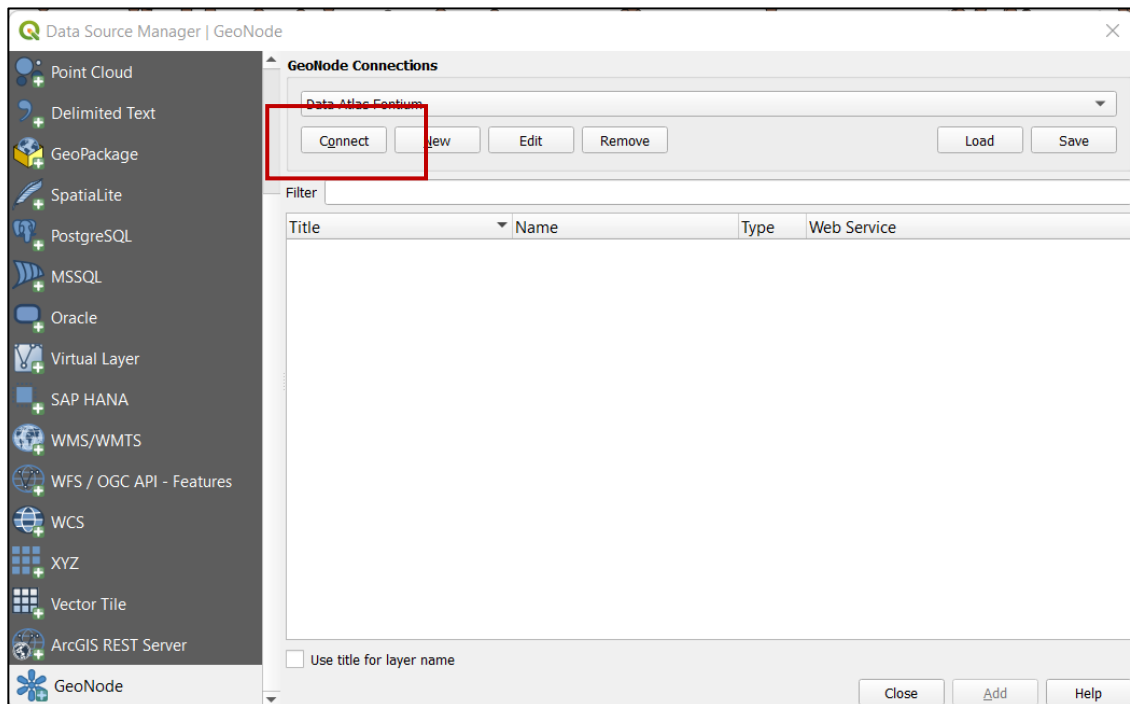
To check if the entered data is correct, click **Connection test**.

After confirming the connection, click **OK**.

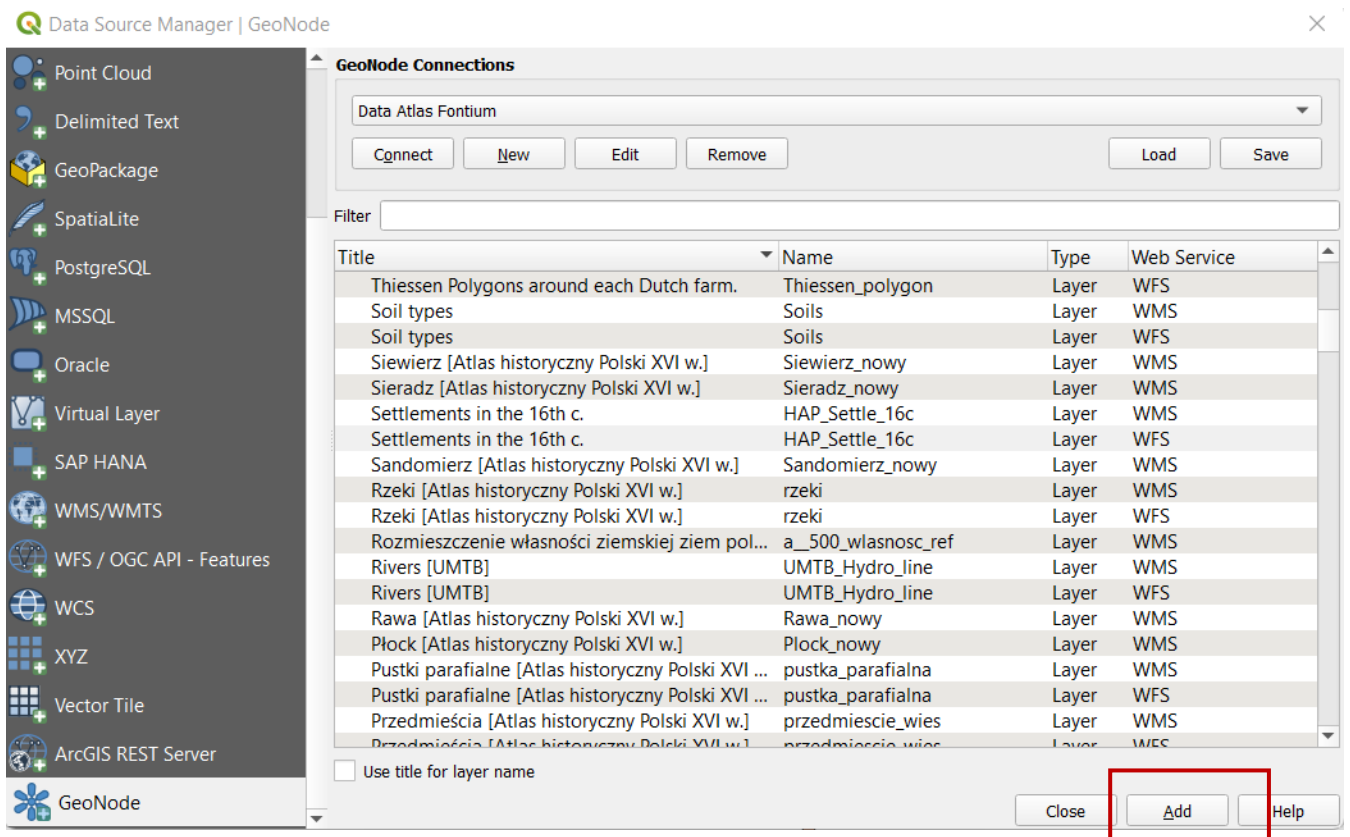


Adding data via plugin

Click **Connect**.



Select the WFS layer you want to load and click **Add**.



Adding data via plugin

To close the data adding tool, click **Close**.

