

Extraction of Elevation Profile using SRTM or ASTER DEM

Stepwise Process Flow Details

- **Step 1:** Install the SRTM Downloader Plugin
 - Open QGIS.
 - Go to the Plugins menu.
 - Select "Manage and Install Plugins."
 - In the Plugins dialog, search for "SRTM Downloader."
 - Click on the plugin and then click the "Install Plugin" button to install.
- **Step 2:** Access the SRTM Downloader Plugin
 - Once the plugin is installed, you should see a new menu item called "SRTM Downloader" in the QGIS toolbar.
- **Step 3:** Define Study Area
 - Zoom in to your study area in QGIS using the zoom and pan tools.
 - Use the rectangle or polygon selection tool to define the area you want to download the SRTM data for. You can find these selection tools in the QGIS toolbar.
- **Step 4:** Run the SRTM Downloader Plugin
 - Click on the "SRTM Downloader" menu in the QGIS toolbar.
 - Login using the Earthdata user account.
 - In the SRTM Downloader dialog, choose the output folder where you want to save the downloaded data.
- **Step 5:** Start the Download
 - Click the "OK" button to start the download process. The plugin will automatically download the SRTM data for the defined study area.
- **Step 6:** Process the Downloaded Data
 - Once the download is complete, the SRTM data will be available in the output folder you specified.
 - You can now use the downloaded SRTM data for your analysis in QGIS.

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