# Clustering plugin

In order to automate the clustering processing used by KTH, the team has developed a QGIS-based plugin. This brief document will go through how to install the plugin and make it available for use in QGIS

1. Download the [zipped folder](https://github.com/KTH-dESA/Clustering/tree/master/Plugin) onto your computer.
2. Open **QGIS Desktop** make sure that you use version 3.2, 3.4, 3.10 or 3.16.
3. On top of the window you have a number of menus, click on the one that reads **Plugins.**

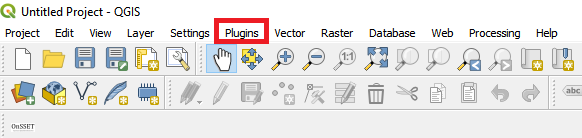
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Figure 1. Plugin menu

1. Next, go to **Manage and Install Plugins…**

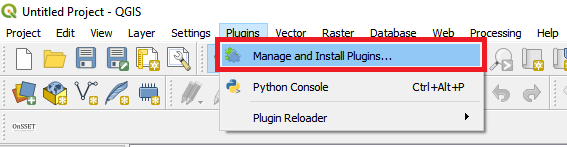
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Figure 2. Mangaement menu for plugins

1. This will open a new window with a number of different options on the left-hand side. We will choose **Install from ZIP**

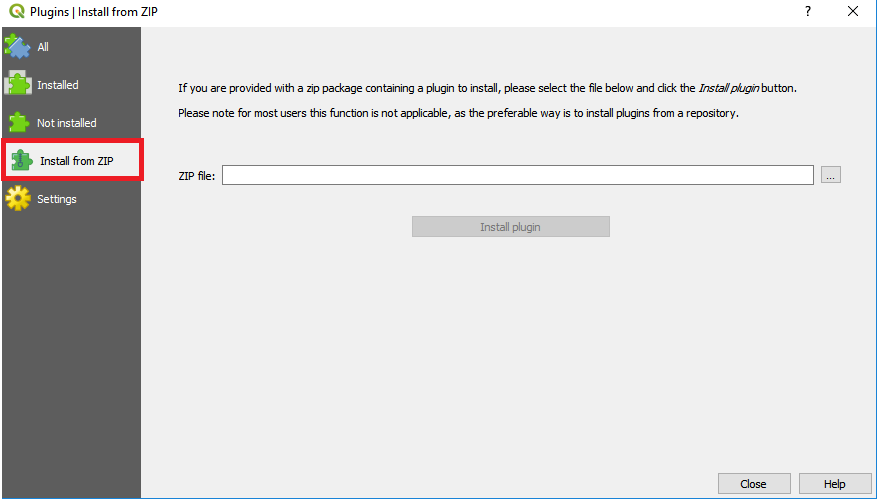
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Figure 3. Installing plugins using ZIP-files

1. In the window that opens click on the three dots next to the empty field to navigate to wherever you saved the zipped plugin folder.

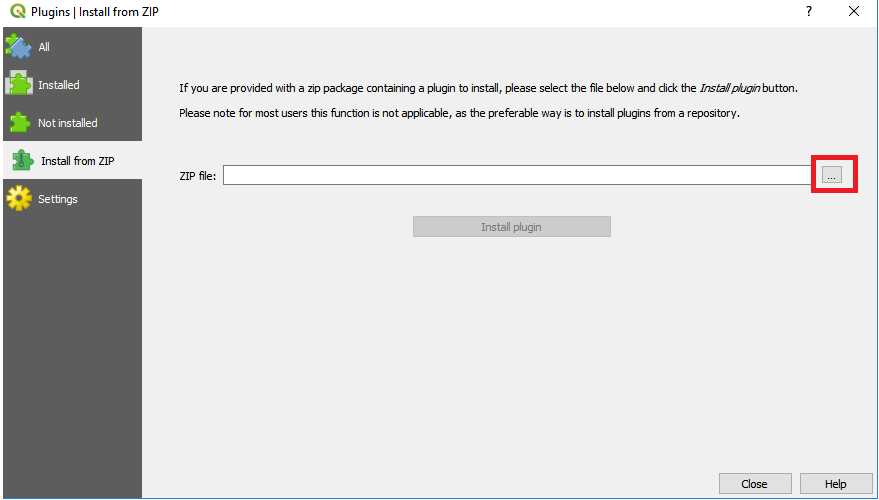
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Figure 4. Click on this button to browse to the zipped file

1. When you have found it click **Install plugin**

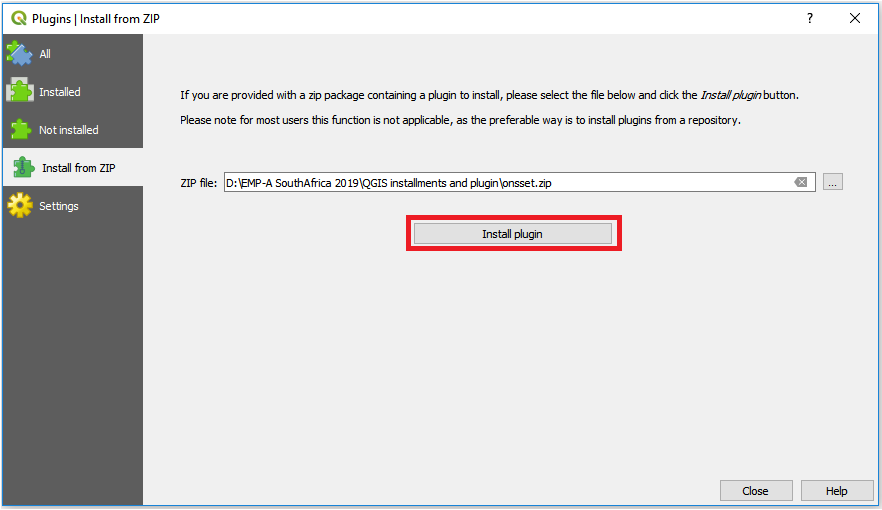
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Figure 5. When you have found the zipped folder click on this button to install it

1. After the plugin has been installed will appear under the **Plugins** menu on top of the screen. You are now ready to run the plugin.

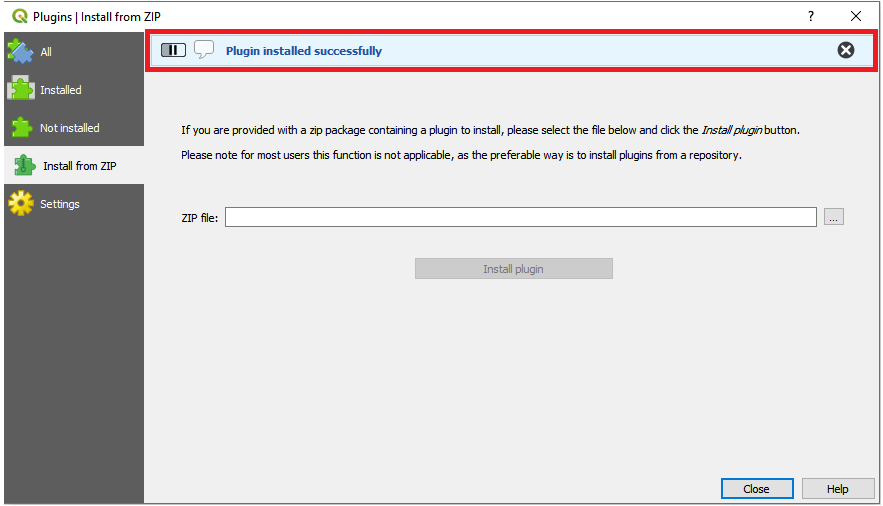
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Figure 6. This field will appear when the install is completed

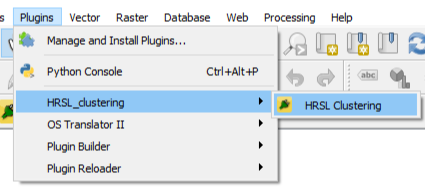


Figure 7. When the plugin is installed it will appear under the database menu with the name "HRSL\_clusteringl"