

## QGIS Workshop

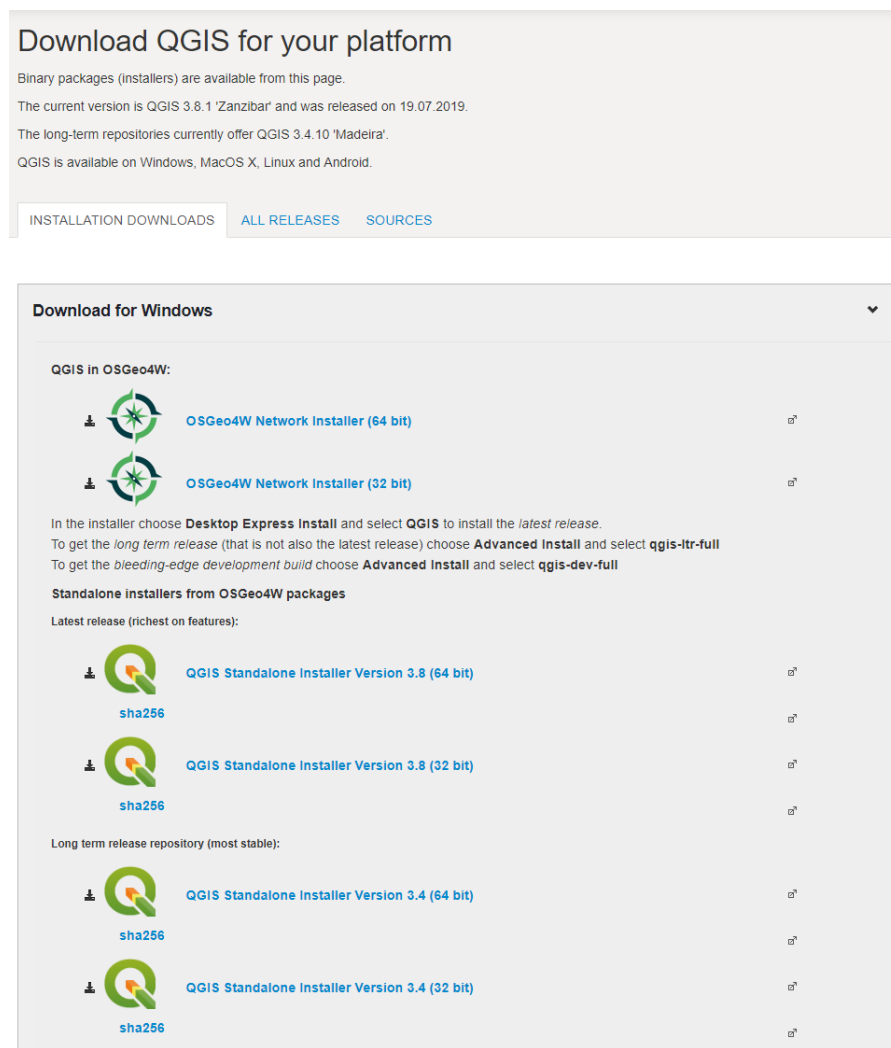
### Download and Install Instructions

#### Download

QGIS is available in different versions (64 bit, 32 bit) and comes with two different installers (Standalone, OSGeo4W). On the download page you can find the actual version as well as older versions to download and install.

Link: <https://qgis.org/en/site/forusers/download.html>

We recommend to download the standalone version in 32 bit or 64 bit, dependent on the system you are running. The actual version is 3.8 and has a size of 450 MB.



The screenshot shows the QGIS download page. At the top, it says "Download QGIS for your platform". Below this, it provides information about binary packages and the current version (3.8.1 'Zanzibar'). There are tabs for "INSTALLATION DOWNLOADS", "ALL RELEASES", and "SOURCES". The main content is titled "Download for Windows" and lists various installers. Under "QGIS in OSGeo4W", there are two network installers: "OSGeo4W Network Installer (64 bit)" and "OSGeo4W Network Installer (32 bit)". Below this, it provides instructions on how to choose between Desktop Express Install and Advanced Install. Under "Standalone installers from OSGeo4W packages", it lists the latest release (3.8) and the long term release repository (3.4) for both 64 bit and 32 bit. Each installer entry includes a download icon, the installer name, and a SHA256 hash link.

Fig. 1: Download page of QGIS.

## Install

After you have downloaded the installer from the link above, you have to run it and setup QGIS on your local machine. First, you have to accept the license agreement and click "I Agree" to move on (Fig. 1).

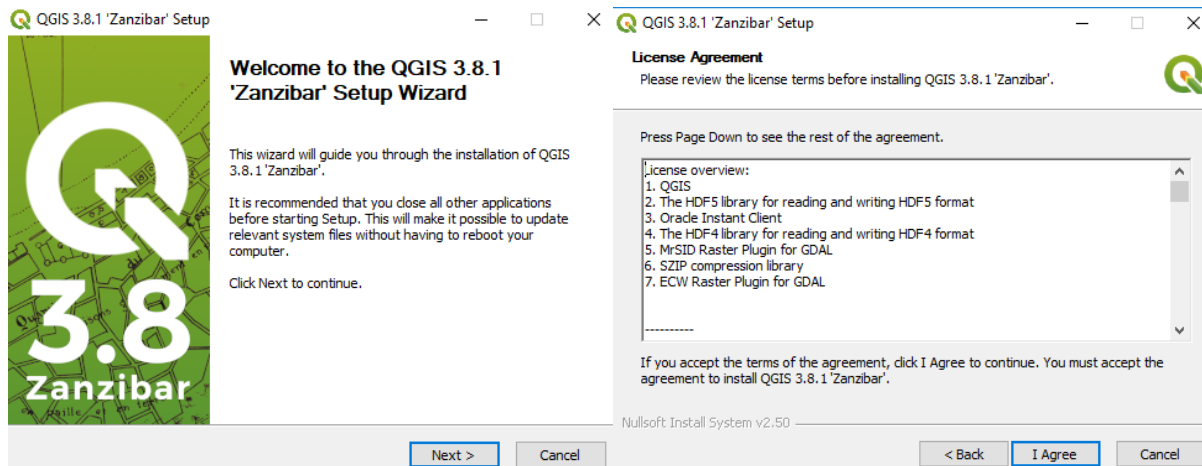


Fig. 2: Starting the installation process (left) and accept the license agreement (right).

The next step is to choose the installation destination and the possibility to select additional test data. Be careful, the installation already needs about 1.9 GB hard drive space without the test data (Fig. 3).

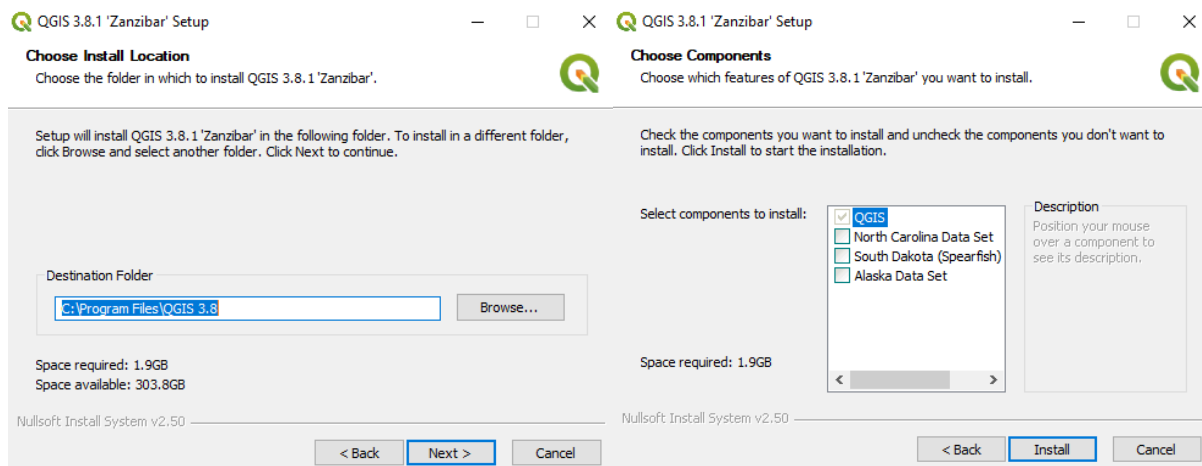


Fig. 3: Choosing the install location (left) and select additional test data (right).

After that the installation will start. If it is ready, the completion screen shows up and after that, you are able to run QGIS 3 on your local computer (Fig. 4).



Fig. 4: Completing the installation process.

## Install Plugins

### Via plugin menu

In QGIS you are able to install plugins through the menu Plugins. Therefore, you have to click on the menu button "Plugins" => "Install and Manage Plugins" and a new window opens up. There you can search for "QuickMapServices" and click install Plugin.

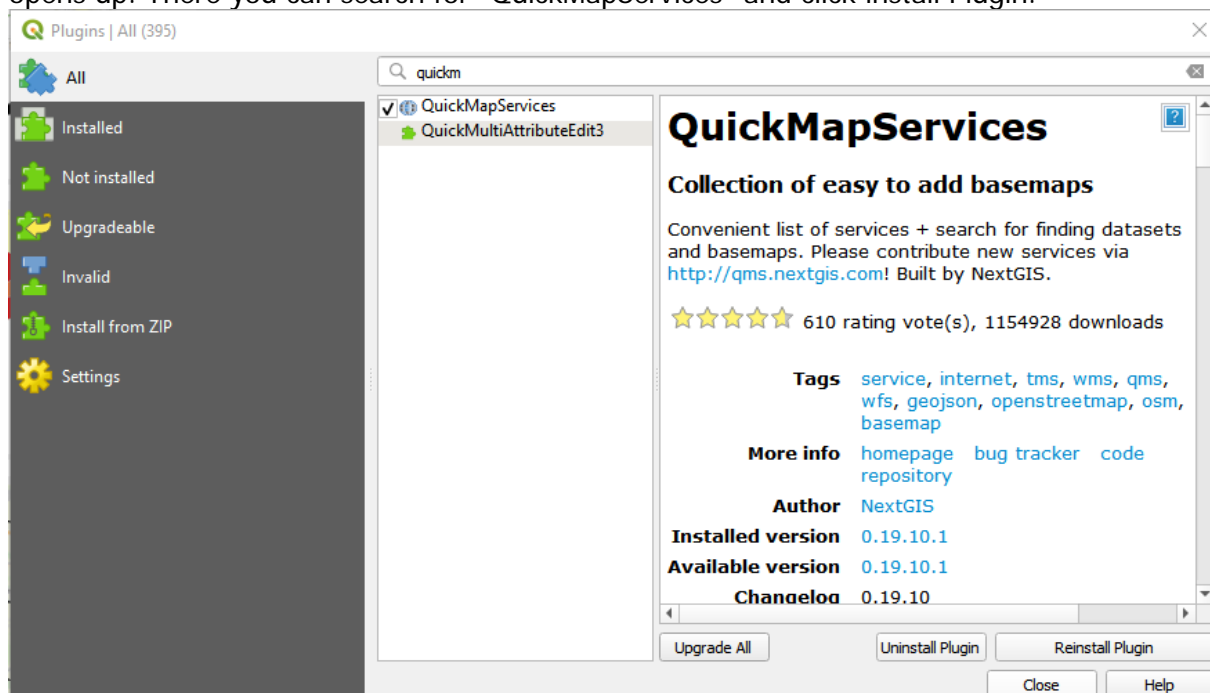


Fig. 5: Install a QuickMapServices in QGIS.

### Via extract

You can install QGIS plugins through the Plugin menu in QGIS, but you are also able to pre-install plugins without opening QGIS. You can download every plugin from the QGIS plugin repository. We only need the Quick Map Services plugin (QMS). It can be found under

[https://plugins.qgis.org/plugins/quick\\_map\\_services/](https://plugins.qgis.org/plugins/quick_map_services/)

If you are on a windows machine, the archive can be extracted to:

%APPDATA%\QGIS\QGIS3\profiles\default\python\



On a Mac, you can access the folder via:

~/Library/Application\ Support/QGIS/QGIS3/profiles/default/python/plugins

And on Ubuntu, the plugin folder is located under:

/home/USER/.local/share/QGIS/QGIS3/profiles/default/python/plugins