National Aeronautics and Space Administration

Download and Install QGIS

Updated: November 2018

Downloading QGIS

1. Go to the QGIS home page:
   https://www.qgis.org/en/site/index.html

2. Click Download Now to view current versions for your Operating System

Download QGIS for your platform

Binary packages (installers) are available from this page.

The current version is QGIS 3.4.0 'Madeira' and was released on 26.10.2018.

The long-term repositories currently offer QGIS 2.18.25 'Las Palmas'.

QGIS is available on Windows, MacOS X, Linux and Android.

INSTALLATION DOWNLOADS   ALL RELEASES   SOURCES

Download for Windows   ‹

Download for Mac OS X   ⌄

Latest release (richest on features):

Mac Installer Package for macOS El Capitan (10.11) and newer.

Installation instructions are in the Read Me on the disk image. This package uses the
python.org Python 3.6
, version 3.6, the "macosx10.9" build - other distributions are not supported. Install packages in the numbered order.

QGIS macOS Installer Version 3.4.0

Long term release (most stable):

Mac Installer Package for OS X Mountain Lion (10.8) and newer.

Installation instructions are in the Read Me on the disk image. This package uses the system Python 2.7 - other distributions are not supported. It also requires the NumPy and Matplotlib packages on the disk image. Install packages in the numbered order. If an older major version is being upgraded (2.16 or older), delete QGIS.app from your Applications folder before installing this version.

QGIS OS X Installer Version 2.18

Download for Linux   ‹

Download for BSD   ‹

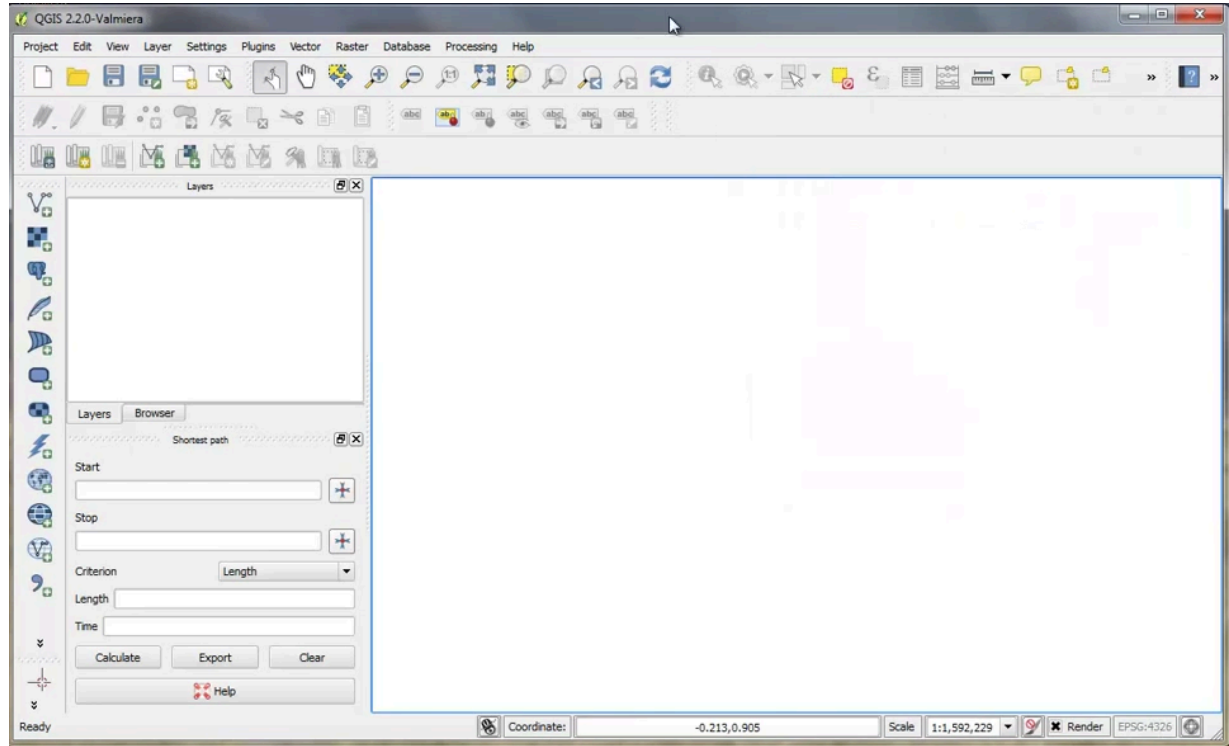**Download for Android**   ‹

Downloading QGIS

For Windows

2. For Windows:

    a. The recommended download is the QGIS standalone installer version 3.2 (32 bit or 64 bit depending on your computer)

    b. To check this, go to **Computer** > **System Properties** to see if the system type is 32 or 64 bit

3. Once the .exe file downloads, double click on it, and run the QGIS setup wizard

4. Click **Next** for all the default properties. You can select the sample datasets if you would like, but it isn't necessary

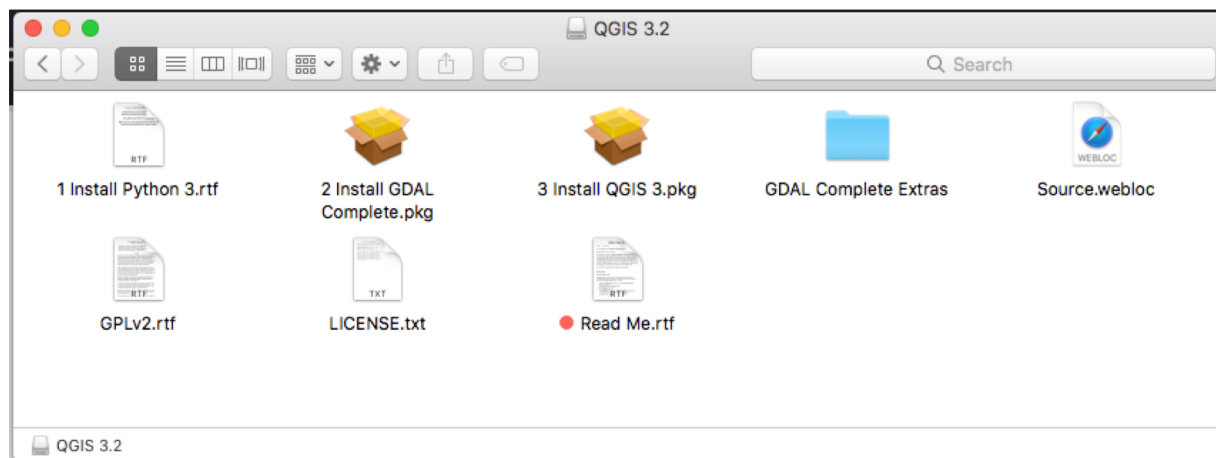# Downloading QGIS

For Windows

5. QGIS will then be saved in your Program Files and an icon should appear on your desktop when it has finished installing

6. You can double click on the QGIS icon, and it should open a window that looks like the image on the right

Downloading QGIS

For Mac

2. Click on the Mac Installer Package **QGIS macOS Installer Version 3.4**

3. Once downloaded, open the drive and a distribution of several libraries will open

4. Open **Read Me.rtf** and read the document. It is important to follow these instructions when installing QGIS

5. Also located in this folder are several accessory packages present that need to be installed in order to get QGIS running properly
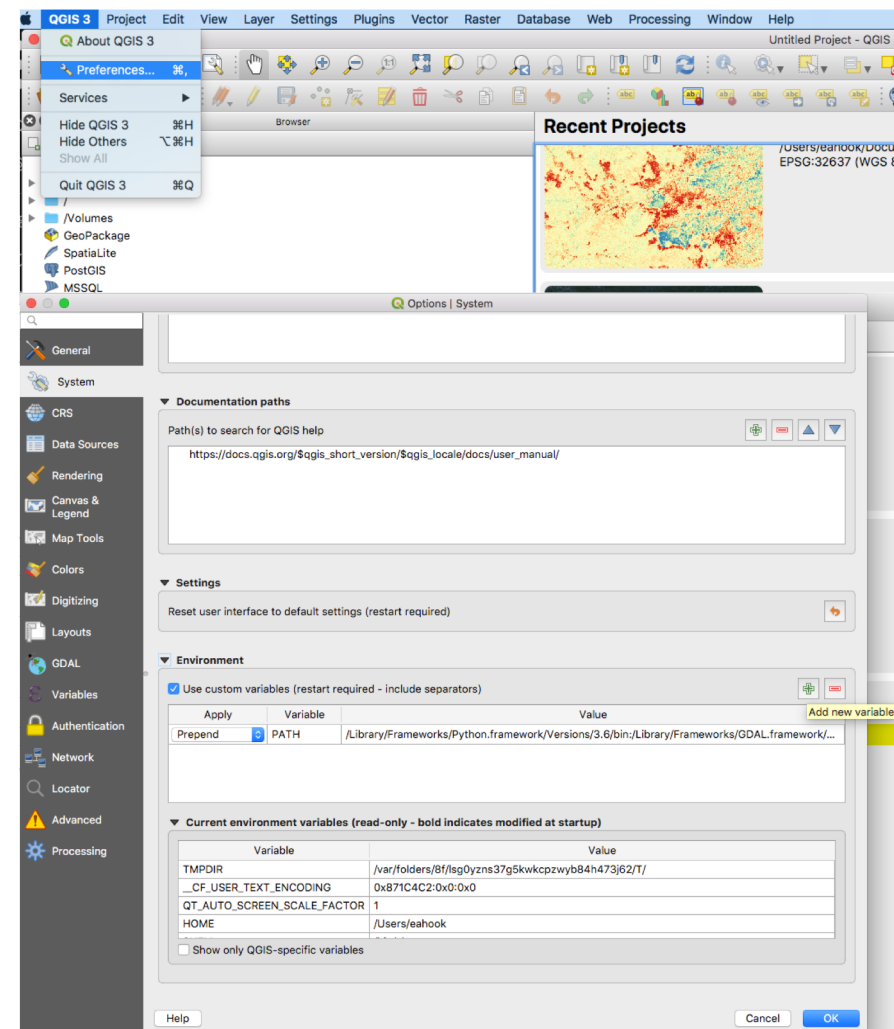
Downloading QGIS

For Mac

6. It is **extremely important** to install these packages in the order listed

7. Install Python 3.6 if it is not already on your system

    – Visit https://www.python.org/downloads/ to download

8. Select **2 Install GDAL Complete.pkg**

9. Select **3 Install QGIS 3.pkg**

10. Once QGIS is installed, you will need to fix a known issue by resolving external program paths

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11. Open QGIS from your Applications folder

12. Go to **QGIS 3** in the top menu and select **Preferences**

13. Go to **System** and scroll down to **Environment**

14. Check **Use custom variables** and click the green plus sign

15. Under Apply, select **Prepend** from the dropdown menu

16. Under Variable, type PATH
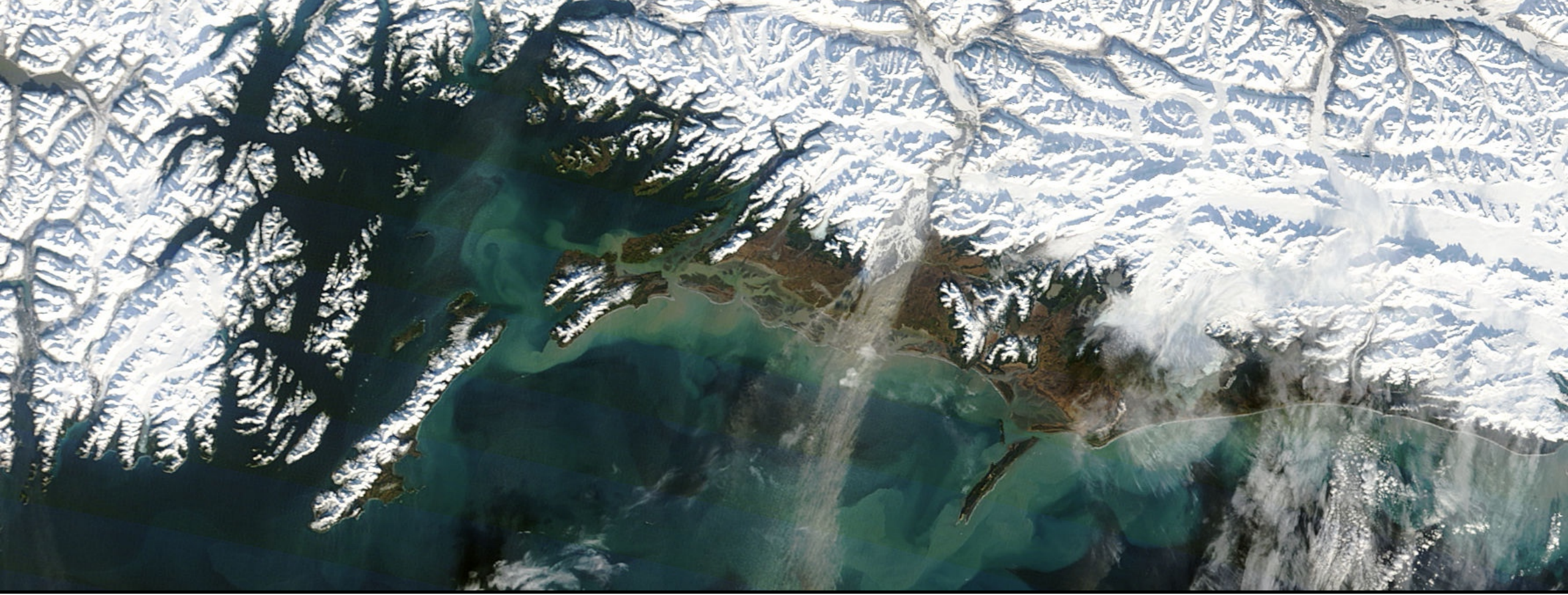
    – **Note:** this must be in all caps

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For Mac

17. Under Value, copy the following text:

  – /Library/Frameworks/Python.framework/Versions/3.6/bin:/Library/Frameworks/ GDAL.framework/Versions/2.3/Programs:

  – **Note:** be sure to copy all of the path, including the first / and the last :

18. Click **OK**, and restart QGIS

Installing Plugins

Installing QGIS

1. Open QGIS by double clicking on the QGIS desktop icon or from your Applications folder

2. Click on the Plugins menu at the top of the main QGIS window

3. Navigate to **Manage and Install Plugins**

   – Once this window opens up, you will see all the plugins with an icon next to them indicating if they have been installed, not installed, upgradeable, or new

4. Below are some useful Plugins:

   1. OpenLayers
   2. Semi-Automatic Classification Plugin
   3. Value Tool
   4. TimeManager