

Software setup

Install R

Mac

<https://cloud.r-project.org/bin/macosx/R-3.6.3.nn.pkg>

Windows

<https://cloud.r-project.org/bin/windows/base/old/3.6.3/R-3.6.3-win.exe>

Linux (requires compilation)

<https://cloud.r-project.org/src/base/R-3/R-3.6.3.tar.gz>

Install Rstudio

Download Rstudio for your specific computer at:

<https://rstudio.com/products/rstudio/download/#download>

install git(windows only)

<https://gitforwindows.org>

Set up a GitHub account

go to: <https://github.com>

sign up for an account

install GDAL(this will be painful)

- if this doesn't work, don't worry, there is a cloud based alternative

Windows

Follow the instructions at

<https://sandbox.idre.ucla.edu/sandbox/tutorials/installing-gdal-for-windows>

MacOS

First download homebrew. Paste this into a terminal:

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install.sh)"
```

then run this in a terminal : `brew install gdal`

Linux

run the following in a terminal

```
apt-get update
apt-get install gdal-bin
add-apt-repository ppa:ubuntugis/ppa
```