Hello Attendees of Miami University's Inaugural Geospatial Programming Workshop!

Please go to bit.ly/MUOH_RWorkshop to download the data for the workshop. Please unzip it and take note of where it is located on your local drive!

Every computer has had the newest software installed beforehand. The only prep work required of each participant is to install the following packages and libraries onto their specific device. Note that the line that installs packages will take anywhere from 1- 4 minutes to run. Run that line by itself and be patient until it is done.

Please copy, paste, and run the following line of code into the R Studio Code Editor.

```
#This line installs the various packages required for today's workshop
install.packages(c("dplyr", "ggplot2", "rgdal", "sf", "spdep", "ggmap", "raster", "rasterVis", "rgeos", "tidyverse", "gdalUtils"))
```

Once the above line has finished running copy, paste, and run the next few lines!

```
#These next few lines open the necessary libraries within each package
library(dplyr)
library(ggplot2)
library(rgdal)
library(sf)
library(spdef)
library(ggmap)
library(raster)
```