Assignment 1: Introduction

Ardath Dixon

OVERVIEW

This exercise accompanies the introductory material in Environmental Data Analytics.

Directions

1. Change "Student Name" on line 3 (above) with your name.
2. Work through the steps, **creating code and output** that fulfill each instruction.
3. Be sure to **answer the questions** in this assignment document.
4. When you have completed the assignment, **Knit** the text and code into a single PDF file.
5. After Knitting, submit the completed exercise (PDF file) to the dropbox in Sakai. Add your last name into the file name (e.g., "Salk_A03_Introduction.Rmd") prior to submission.

The completed exercise is due on <>.

1) Discussion Questions

1. What are your previous experiences with data analytics, R, and Git? Include both formal and informal training.

   Answer: I took Statistics fall 2019 where I used R for the first time. I did some statistical tests (ANOVA, etc.) and made graphs through R. I depended on TA & group mates' help for guidance with R coding.

2. Are there any components of the course about which you feel confident?

   Answer: I feel confident with the basics of R coding, ArcGIS spatial coding analysis, GitHub, and statistical analysis. Meanwhile, I don't feel too knowledgeable in any of them, and hope this class can strengthen my confidence with them.

3. Are there any components of the course about which you feel apprehensive?

   Answer: I'm a bit apprehensive about working to keep R codes and processes distinct in my head from Python codes & processes from a course my last semester. I also hope to not get too lost in computer coding details with complex systems.

2) GitHub

Provide a link below to your forked course repository in GitHub. Make sure you have pulled all recent changes from the course repository and that you have updated your course README file.

   Answer: https://github.com/ardathdixon/Environmental_Data_Analytics_2021