Open Data Science
GEOG 693g

Fall 2019
9:30-10:50 am W, F
Brooks 425
3 Credits
Instructor: Dr. Amy Hessl [amy.hessl@mail.wvu.edu]

New tools and techniques in data science are enabling collaboration and discovery at unprecedented rates and scales.
Come join the revolution!

Learn How To:
- Share your code and collaborate using version control in **GitHub**
- Rapidly download data from online sources in bulk
- Use the **terminal** to search, organize, and edit files
- Develop a **projects**, **functions**, and **packages** in **R**
- **Wrangle** data into the shape you need for analysis

We will work with data typical of the Earth Sciences, but techniques and skills are broadly applicable across fields. Course will be taught in a workshop setting. Working in groups, students will develop collaborative projects that simulate real-life collaboration with other scientists.

No previous experience with the terminal, R or GitHub is required.