

## Assignment 3: Best Practices

### Software Engineering for Scientists

**Objectives:** Become familiar with best practices.

**Tasks:**

1. Using the same repo as assignment 2
  - a. Update `print_fires.py` to take the command-line arguments for
    - i. `country`
    - ii. `country_column`
    - iii. `fires_column`
    - iv. `file_name`
2. Update `get_column` to return a list of integers
3. Update `run.sh` to use these command-line arguments. Include three examples of running `print_fires.py`, one that works and two that give errors.
4. Make sure your changes follow the proper Git workflow
5. Make sure all of your files follow best practices:
  - a. A good `README.md`
  - b. Catch possible exceptions when opening files and converting values to integers
  - c. Documentation and comments
  - d. Use a `main` function
  - e. Use `argparse`
6. Create a release from master tagged as v2.0