Final Project Research Proposal Guidelines

General guide:

- <1 page long document (no minimum length so long as all information is included)
- 5% of final project grade (5% if completed and submitted on time, 0% if not submitted or late)
- Due date: March 3, 11:59 PM
- Submission: Email to instructor

Specifics to include:

- What is your research question?
  - 1 sentence
- What is the data that you will use?
  - This can be different than what you originally planned on using
  - How many observations? How many variables?
- What methods will you use?
  - Identify the method and explain why it is suitable for this dataset and question
  - E.g.:
    - "I will use multiple linear regression because I am trying to predict methane concentrations from several environmental variables, and I want to know which variable is most important for this prediction. I will also use a neural network model, which will use the same environmental variables to predict methane concentration because this relationship may be non-linear."

Note: You are not bound by the ideas that you submit in this proposal; particularly, your research question and methods used may change as you explore your dataset and work on your project. The purpose of this proposal is to demonstrate that you have an idea to pursue and viable means to pursue it.