

Final Project Proposal Assignment

Due Sunday 4/4/2021 (Easter, do it early) by midnight. No late work will be accepted, assignment is required to pass the class.

Learning outcomes:

The goal of this assignment is to familiarize you with scientific proposal structure and writing process, get you planning for your final project, and gain familiarity in using bibliography software.

Assignment:

In Overleaf or the editor of your choice (Word is fine), write a short (2-3 page) research proposal, including: abstract, background, why it's important, what your research questions are, what analysis you plan to do, what the broader impacts* are, and a timeline for completion. At least one figure and three references (using Zotero or similar) are required. Put the most energy into thinking and writing about what your planned analysis is, how it will answer your research questions, and how you will accomplish this with the time you have.

Save this as a pdf and load into github as final_proposal_yourname.pdf. Include a .zip file of all of your overleaf source files or a screenshot of your bibliography manager if using word.

As per the syllabus satisfactory completion of the final proposal on time is required to pass the class (no late work).

* Broader impacts: How can this information be used? Why do we care? Impact for society...

Assignment Checklist

Name of Student:

1. Has abstract
2. Has background/introduction
3. Has at least one figure
4. Has at least three citations
5. Methods are clear and thought out
 - a. Research questions are well stated
 - b. Clear proposal for what methods will be used
 - c. Proposed methods relate to research questions
6. Timeline is reasonable and thought out
 - a. Timeline exists
 - b. Timeline makes sense
7. Writing is reasonably decent: complete sentences, no missing words

Notes:

* Broader impacts: How can this information be used? Why do we care? Impact for society...