MARS 5470/4470 Fall 2019
Introduction to Scientific Computing
Rubric for grading project proposals
Due midnight on Sunday 11/10/19

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 have you gain familiarity in LaTeX.

Assignment:
In Overleaf or the LaTeX editor of your choice, 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 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.

As per the syllabus this is 15% of your final grade. Deductions will be taken for late submissions. Load this into github as final_proposal_yourname.pdf.

Name of Student:

1. Has abstract (10 pts)

2. Has background/introduction (10 pts)

3. Has at least one figure (10 pts)

4. Has at least three citations (10 pts)

5. Methods are clear and thought out (30 pts)
    a. Research questions are well stated (10 pts)
    b. Clear proposal for what methods will be used (10 pts)
    c. Proposed methods relate to research questions (10 pts)

6. Timeline is reasonable and thought out (20 pts)
    a. Timeline exists (10 pts)
    b. Timeline makes sense (10 pts)

7. Writing is reasonably decent: complete sentences, no missing words (10 pts)

Notes:

Total: /100

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