

400 Points Total Available (300 paper and 100 presentation)

MOCK NSF/NASA PROPOSAL – Presentations 12/5, 12/7 and 12/12 – Projects due 12/12

FINAL PAPER – MOCK PROPOSAL FORMAT (not due yet.... just a heads up)

Number of pages per section a suggestion, you can modify them as necessary (slightly longer intro, slightly shorter technical approach). However, the “Technical Approach and Methodology” section **MUST** be longer than the “Introduction” section.

FORMATTING:

Spacing: 1.5

Page Requirement: 10 (not counting references, but including figures)

Margins: 1 inch all around

Font Type: Times New Roman

Font Size: 12 (no more, no less)

Page Numbers: Lower right hand corner.

Cover Page (1 page, doesn't count for the 15): The cover page will have your title, name, course number and contact information

Proposal Summary (1/2 page): like a 250 word AGU or AMS abstract (this summarizes the whole paper). It can have bullets or just be solid text.

Introduction (2-3 pages): This is your background information about the topic you'll be focusing on. This will include your scientific justification for doing the work that you're doing. You'll use most of your literature review here. Feel free to set up sections and sub sections. You need to make a good case for why your topic of interest is important.

Research Objectives (1/4-1/2 page): Brief description of what you propose to do and why it is important. You can set up your research topic goal(s) as bullets here to make it very clear. (you should use your case study to show an example from each goal if you have more than one).

Expected Significance (1/4-1/2 page): Why is your idea important to people or to the research community (ocean modeling, hurricanes, etc). How do you think this will help your field of interest? You can use information from your objectives and literature review for this. Some folks included these ideas in one, the other, or both.

Technical Approach and Methodology (4-6 pages with figures and tables): Here is where you describe your data sets, study region(s), and how you will analyze them. After you describe your methodology (how you're going to use each data set and combine them to address your research objective) include your case study to show that it is possible. **Include figures and tables in the text not at the end.**

Summary (1/2-1 pages): Here you summarize your case study example results and how it shows the potential of addressing your research goals described in the “Research Objectives” section. This is the “Look see, I CAN use these data sets to get information about xxxxxx (hurricane intensification, pyrocbs, vog, etc), that will help me address my goals.” Will be very similar to the project summary, that's ok.

References: List your references. (Doesn't count for your 10 pages)