

AOS/NIES 171 Spring 2025 Prof. Hitchman

Term Paper 40 points

Due Thursday, April 24

Choose a topic relevant to global change that you are interested in and would like to learn more about. One good way to come up with a topic is to think of something that you are interested in and imagine how it might contribute to or be affected by global change. A recent interesting article in the news could be a starting point for your paper. From time to time during the semester I will suggest possible topics in class.

A few weeks into the semester, please come to office hours for conversations about selecting term paper topics. You are also welcome to email possible topics to me and Yingshun and we will be happy to provide feedback and suggestions.

The paper should be about 10 double-spaced pages. High quality source materials include peer-reviewed journal articles. You may want to read a book or chapters in a book as the basis for your paper.

Choose a title which captures your main theme. Please make clear near the beginning what your main intent is for the paper. It could be an explicit “roadmap” for the reader. It is often helpful to pose a question or a hypothesis. In the main part of the paper it is important to clearly summarize the source material.

When you mention a source in the text, such as: “An alternative point of view was presented by Lindzen (1990),” be sure to include it in your bibliography at the end of your paper. For citation format, please use guidelines for journals published by the American Meteorological Society, e.g:

Lindzen, R. S., 1990: Some coolness concerning global warming. *Bull. Amer. Meteor. Soc.*, **71**, 288-299.

It can be beneficial to include figures or sketches. When you include a figure in your paper it should be mentioned in the text, as in “The concentration of CO₂ has increased steadily since 1958 (Fig. 1).” Then, below each figure include a caption such as:

“Figure 1. Carbon dioxide concentration (in ppmv) at Mauna Loa Observatory during 1958 – 2023 (Author, Year).”