

You will be doing research and writing on the topic of global climate change. This assignment will be worth a total of ten points divided as follows: library research (5 points) and an in-class essay (5 points).

The entire class will meet in the computer lab in SG138 promptly at 1:15pm on Monday, April 20th, the day we get back from Spring Break. For your research, you will be required to have **two Internet sources** and **one scholarly journal article** about global warming and/or related topics listed below. The library instructional session will help you understand how to evaluate Internet sources and help you choose two good source documents from the Internet. The library session will also teach you how to recognize and find a scholarly journal article from an online database.

You must **print out** copies of your Internet and scholarly articles. You should **read and summarize** in one paragraph the main ideas in each article so you can easily write about these sources in your in-class essay. You will also **attach the copies and summaries to your essay**. 5 points will be given for having articles and summaries that meet the criteria as follows:

1. Internet articles must contain **scientific data** – charts, maps, statistics, graphs.
2. Internet articles must come from recognized scientific authors/organizations, and be considered “good” Internet sources per the library instructional session.
3. Scholarly journal articles must be **full-length feature articles**, not book reviews or abstracts.

Possible key words or sub-topics:

Global warming	Melting of ice sheets
Climate change	Carbon Trade or Exchange
Greenhouse Effect	Fossil fuels or carbon-based fuels
Carbon Dioxide	Ocean or sea level rise
Methane gas	Ocean temperature rise
Melting of glaciers	Hurricanes or storms increasing intensity
Melting of permafrost	Polar regions as first places to change

In-class essay - prepare to answer the following questions:

1. Explain the process that causes the Greenhouse Effect and resulting global warming using scientific terminology from your textbook, film, recorded interview, articles, class discussion. Discuss specific molecules and processes, be sure your explanation is “in-depth.”
2. What is the current evidence for the existence of global warming? Use your sources, as well as the film, interview, textbook, and class discussions. **Cite your sources in the text.**
3. What are the predictions concerning global climate change? Again, use all possible sources and be sure to cite them.
4. What can we do to slow down or stop global warming? Use all sources and cite them.

The exact question for the essay will be given when we write the in-class essay on Friday, April 24th.
Bring a blank BlueBook – DO NOT WRITE IN IT.

Grading - 5 points total for the essay awarded as follows:

- 1 point for “mechanics” – proper word use, spelling, sentence structure, “readability,” etc.
- 3 points for content – having lots of details and examples to illustrate your ideas
- 1 points for logic and scientific accuracy – correct explanations and analysis of the data from your sources