

## **Geol 007: Earth Hazards - Climate Change Assignment 2017**

For this assignment, you will **create a mock dialogue between a climate scientist and a climate change denier.**

You must pick ONE of the denialist claims below to use as your prompt.

- 1. Climate has changed before without humans being involved and will change again.*
- 2. There is no scientific consensus that climate is changing because of humans.*
- 3. The record of temperatures used to argue for climate change is unreliable.*
- 4. There has been no global warming since about 2000*
- 5. Climate models, used to predict climate change, are unreliable and overestimate warming.*
- 6. It has not been proven whether or not warming is dangerous.*

Your dialogue must present both sides of the argument and the scientist must use facts (and citations) to counter the denialist argument.

**You must cite and use AT LEAST 5 sources. They should be cited in your dialog.**

At most, 2 sources can be from the web

at least two sources must be scientific articles from academic journals

at least one source must be from a published book

*Citations must be listed in a bibliography at the end of the dialog. Any format that provides sufficient information for us to find the source is OK.*

**You MUST submit your dialog as a PDF to Blackboard by the start of CLASS on THURSDAY APRIL 20, 2017.**

Your grade on this assignment will be based on the creativity, quality of argument, and clarity of writing. We will grade according to the attached rubric.

Your assignment should be between 400 and 500 words long NOT including citations.

Here are some useful web resources to get you started:

<https://skepticalscience.com>

<http://www.realclimate.org>

<https://judithcurry.com>

<http://climateoutreach.org>

<https://www.heartland.org/publications-resources/publications/why-scientists-disagree-about-global-warming>

<https://news.utexas.edu/2010/11/08/climate-myths-jackson-school-sets-the-record-straight>

<http://www.populartechnology.net/>

## **Climate Change Project Rubric**

### **Argument**

- 3 – Succinctly articulates the perspective of both a climate change denier and a scientist
- 2 – Partially articulates both
- 1 – Only tells one side of the story
- 0 – Not a dialogue

### **Writing**

- 3 – Well-written with no spelling or grammatical errors
- 2 – Average writing with few spelling or grammatical errors
- 1 – Awkward writing with repeated incorrect spelling and grammar

### **Citations**

- 2 – Finds at least 2 journal articles, 1 book(s), and up to 2 websites, cites correctly, references works in text and include in Bibliography
- 1 – Cites but does not reference in the text, or does not cite all formats listed above, or does not have proper bibliography
- 0 – Citations poorly formatted (such as only listing hyperlinks), or not are there at all

### **Execution**

- 2 – Creative, well written dialogue
- 1 – Passable, arguments are choppy, sometimes hard to follow
- 0 – Sloppy and non coherent

### **Deductions**

- 1 Over 500 words
- 1 Material from others used but not cited

**TOTAL SCORE**

**/10**