

Materials for Energy MSE 455/556

Project 01 Statement Impact of Climate Change

Objective:

The objective of this project is to review the literature regarding a specific aspect of climate change. The student is allowed to select the specific subject of interest. Examples include but are not limited to

- Impact on non-human species, e.g. changes in migration patterns of a birds or the geographical distribution of an insect species
- Impact on natural systems, e.g. changes in ocean levels, ocean acidity, glacial mass or shape of the Arctic ice shelf
- Impact on human systems, e.g. agriculture, trade, human immigration patterns

Report:

The product of this project will take the form of a written report. The report must follow the template provided on the course website.

Four Elements:

The following elements must be answered in the report.

- Provide evidence and/or arguments to link the phenomenon under study to climate change.
- Provide evidence and/or arguments that dispute the connection of the phenomenon to climate change, or argue that it is not a significant phenomenon, relative to other competing interests.
- Evaluate the quality of the references that support each of the opposing views.
- Discuss the broad future consequences of this phenomenon, if the observed trend continues or expands.

References:

The report must include no fewer than five references, which are attributed to the original source. These references must be from the following sources

- archival, peer-reviewed journals
- government reports
- technical monographs

Additional references from newspapers and websites are acceptable, but do not count toward the five required references.