

John Smith

FYEX 1000

15 July 2015

**FYEX Annotated Bibliography Assignment:  
Extreme Weather and Global Warming**

**1. Topic Sentence:**

I am interested in exploring if connections exist between extreme weather and global warming.

**2. Annotated Bibliography:**

**a. Academic Journal Article**

"Certain Uncertainty." *Nature Climate Change* 3.8 (2013): 689. *Environment Complete*. Web. 15 July 2015.

This article is from the academic journal *Nature Climate Change*, which focuses on climate change as it impacts research and practice in diverse disciplines. This article addresses the “big picture” with an emphasis on distinguishing “day-to-day weather” from “long-term climate” although there is a definite interplay between them. The authors cite the World Meteorological Organisation’s report, “The Global Climate 2001-2010: A Decade of Climate Extremes” and a number of other studies that explore the links between climate change and an increase in the number of extreme weather events, emphasizing the point that some, but not all, extreme weather events are created by global warming. This article helped me get a better grasp on the difficulties scientists and meteorologists face when creating climate models and projections based on historical data and observations. This article was published in August 2013. Though it is now two years old, I found it added valuable information to my understanding of

how scientists investigate connections between global warming and extreme weather events. However, I would most likely need to review more recent research to get the most up-to-date information on this issue.

## **b. Magazine Article**

Begley, Sharon. "Global Warming Is a Cause of This Year's Extreme Weather." *Newsweek* 152.1/2 (2008): 52. *Academic Search Complete*. Web. 15 July 2015.

This article is from *Newsweek*, which is a well-known news magazine that is published on a weekly basis. The article does not focus on a specific example of extreme weather caused by global warming but instead briefly addresses flooding, heat waves, and hurricanes, all of which have been increasing in occurrence and intensity. So, it is looking at the “big picture” on my topic. The author discusses reports and studies produced by climatologists. The article describes how the studies have shown that human-created climate and atmospheric changes have caused extreme weather phenomena. This article has helped me gain a better understanding of some of the ways global warming impacts the climate and causes extreme or severe weather. Though the article was useful to me because of the examples it provided, it was published in 2008, which means I will need to find more up-to-date information on my topic. Seven years have passed since the publication of the article, and climate scientists have most likely collected additional data demonstrating global warming’s role in producing occurrences of extreme or severe weather. While the information was valuable to my understanding of the topic, I would add more recent articles to my research in order to get an up-to-date picture of the topic based on newer data.