Date

Name

Class

Instructor

**Annotated Bibliography on the Effects of Global Warming**

***Djalante, R. "Research trends on hazards, disasters, risk reduction, and climate change in Indonesia: a systematic literature review." Natural Hazards and Earth System Sciences (2016).***

The systemic review by Djalante is an important source that addresses the hazards related to global and other forms of climatic changes. The study warns that the number of these disasters are on the rise. The author also gives the areas mostly affected by these natural hazards. Knowing some of the most predisposed areas to natural calamities e.g. Countries around the Pacific region is an alarm that these parts need an urgent solution to global warming. The article is a key contribution to the topic as it points out the effects of global warming in causing the natural disasters. The assessment of risks of hazards resulting from climatic change is brought forward so as to mitigate on the reduction of these risks for the well-being of the predisposed population.

***Luber, George, and Natasha Prudent. "Climate Change and Human Health." Transactions of the American Clinical and Climatological Association 120 (2009): 113–117. Print.***

The journal by Luber et al. focuses on the effects of global warming on human's health. The authors classify the health effects as direct or indirect. According to this journal, the evidence that global warming is taking place is unequivocal. The consequences of this climatic variability are likely to vary across regions depending on the vulnerability of the demographic areas affected. According to this source, serious heat waves have caused many deaths in the past. Since it is a peer-reviewed journal, the level of evidence in this publication is adamant. For this reason, the publication is a rich source of information on the effects of global warming, particularly to the human health. The source concludes that global warming is an issue of a public health concern.

***McMichael, Anthony J. "Globalization, climate change, and human health." New England Journal of Medicine 368.14 (2013): 1335-1343.***

For a better understanding of the effects of global warming, it is key to have a background on how this phenomenon occurs. The study by McMichael published on New England Journal of Medicine found that human activities play a significant role in causing climatic change. Human activities have led to an increased production of carbon dioxide a key factor causing global warming. The study further gives some of the effects of the global warming on the human health. The results provided are from epidemiologic studies that have been done. The authors postulate that the effects of global warming on people's health are likely to be more adverse as the climatic change worsens. The source broadens our understanding of the global warming and its link to human health. Lastly, the authors assert that mitigation policies to prevent the adverse effects of global warming are need despite the complexity of the problem.

***National Aeronautics and Space Administration. The consequences of climate change. 20 May 2016. <http://climate.nasa.gov/effects/>.***

National Aeronautics and Space Administration (NASA) website is an enlightening source of information on consequences of global warming. Of note, the website addresses the issue of how the global warming results in the formation of adverse heat waves. The websites also assert that global warming will affect the length of seasons. The website is a useful source as it projects future effects of the global warming on the human population. For instance, the website predicts that the future hurricanes may be more severe due to serious climatic changes suspected. In a nutshell, the website gives diverse information on how the effects of global warming are occurring today and the future possibilities of this menace.

***Rosenthal, Joshua P., and Christine M. Jessup. "Global Climate Change and Health: Developing a Research Agenda for the NIH." Transactions of the American Clinical and Climatological Association 120 (2009): 129–141. Print.***

The journal by Rosenthal et al. is a rich source of extensive information on the effects of climatic change, particularly on human health. The authors clearly demonstrate how global warming is frequently associated with significant effects on the respiratory and cardiovascular diseases, distribution of zoonotic diseases, contamination of water and emergence of other diseases associated with extremes of heat e.g. heat stroke. Also, the journal makes it clear that most of these effects will affect the vulnerable population in our society e.g. people of extreme ages (very old and young). Also, people living in regions that are more predisposed will suffer more health effects that those in less risky areas. Thus, the source is paramount due to its comprehensive information on this topic and high level of evidence of the content presented.

 ***The United States Environmental Protection Agency. Agriculture and Food Supply. 2 February 2016.*** [***https://www.epa.gov/agriculture/agriculture-news-2016***](https://www.epa.gov/agriculture/agriculture-news-2016)

The web page is a key source of information that focuses on the climatic effects of farming and supply of food. Since agriculture is an important sector of the economy, negative implication on this field as a result of global warming is a serious issue due to its profound consequences. The key message from the web page is that global warming causes increased temperature that results to drought. Thus, the livestock, plants, and fish rearing are all affected by global warming. As a result, food supply is affected, and the most vulnerable areas may require humanitarian assistance. Lastly, the web page highlights the international impact of global warming. The website is a credible source hence a useful contribution on this topic.

***William, Ellsworth, Robertson Jessica, and Hook Christopher. Man-Made Earthquakes Update. 17 January 2014.*** [***https://archive.usgs.gov/archive/sites/www.usgs.gov/blogs/features/usgs\_top\_story/man-made-earthquakes/index.html***](https://archive.usgs.gov/archive/sites/www.usgs.gov/blogs/features/usgs_top_story/man-made-earthquakes/index.html)

The web page by William et al. provides insight on the occurrence of manmade earthquakes. The mechanism of development of these forms of earthquakes is given especially the effects of seismic activity. Based on the information provided by this website, it is apparent that global warming plays a significant role in the development of the manmade earthquakes. Global warming causes melting of the glacier, and this relieves the pressure exerted on the earth's crust. The article emphasizes the importance of understanding the associated risk as a result of the manmade earthquakes. The source is, therefore, an important source as it provides information on how global warming may contribute to natural calamities e.g. occurrence of deadly earthquakes.

***WorldWatch Institute. Global Warming May Trigger Greater Seismic Activity. 27 May 2016.***

The web page by WorldWatch provides information that is essential to understanding the mechanism of the formation of seismic activity due to global warming. Global warming has led to melting of ice as well as rising of the sea level. Consequently, the predisposed areas may experience earthquakes or volcanic eruptions. The author asserts that not all volcanic eruptions and volcanic activities result from the climatic change. However, because of the global warming can be prevented, it is important to understand a few cases of volcanic eruption and earthquakes that may be avoided if the problem is controlled. The web page is also credible and thus an important source for the research paper.