**Specific Purpose:** To educate and persuade the audience on the gravity of climate change on the Commonwealth of the Northern Mariana Islands and its impact on the islands

**Thesis:**In the present and in the future, the Commonwealth of the Northern Mariana Islands will continue to experience drastic changes in sea levels, typhoon and storm intensity, and ocean systems.

**INTRODUCTION**

**§       Attention Getter -** Families and their livelihoods—are all at risk of being entirely submerged by rising sea levels.

**§       Thesis -**  In the present and in the future, the Commonwealth of the Northern Mariana Islands will continue to experience drastic changes in sea levels, typhoon and storm intensity, and ocean systems.

**§       Ethos & Audience Adaptation - (Create a credible ethos TO US, the opposition – then show us how we share common values on this topic, even though we differ on how to achieve them )**

I have witnessed personally the impacts of climate change. We share common values as we want our home to remain safe.

**(Make sure to include your original research in the Body)**

**§       Preview - (Tell us what your main points are and how they will change our minds to your point of view - -concludes with Transition to your first main point.)**

 The local environment is expected to deteriorate from the harsh temperatures. At the rate of human activities with adverse effects on climate change, the island communities will suffer from rising sea levels, severe typhoons/storms, and changes in the ocean system.

**BODY                         (5-7 Key Arguments; at least 1 PATHOS appeal]**

1. **Main Point [opposition claim] - identify as LOGOS or PATHOS [cites?]**

The Earth’s climate has been drastically changing more than ever before. From the beginning of the industrial age, human activities have accumulated and expanded extensively from fossil fuel extractions, deforestation, and land alterations.

**(Transition)**

**2.   Main Point [opposition claim] - identify as LOGOS or PATHOS [cites?]**

The sea level surrounding the Marianas is rising—creating challenges for communities and infrastructure. Since 1978, the long-term sea level trend shows an average rise of 0.07 inches

**(Transition)**

**3.   Main Point [opposition claim] - identify as LOGOS or PATHOS [cites?]**

In the events of low sea levels, corals are prone to exposure and die-offs.

**a)   Subordinate points (need to be clearly shown as such by being below and inside Main Points)**

**i)    Like This! [cites?]**

**(Transition)**

**4.   Main Point [opposition claim] -  identify as LOGOS or PATHOS**

With the CNMI being no stranger to typhoons and storms, it is known to produce intense winds, severe rains, large waves, and an upsurge of sea water.

**a)   Subordinate points [cites?]**

The effects of these natural events can drastically damage infrastructure and even end lives. During El Niño, there is an increased risk of typhoons as the normal seasonal winds of the CNMI weaken (Greene & Skeele, 2014). Furthermore, scientific evidence shows that tropical cyclone intensity will increase while the occurrence will decrease.

**(Transition)**

**5.   Main Point [last opposition claim or coup de grace claim from your side]**

As climate change drastically increases the ocean temperatures, coral reefs are at risk of thermal stress

**a)   [cites?]**

 This results in the coral reefs to expel algae, which is vital to the survival of the systems. Coral reefs and algae have a mutualistic relationship in which the former provides shelter and the latter provides oxygen. Once the algae is secreted from the coral, this results in coral bleaching. Moreover, ocean acidification will occur as the ocean absorbs carbon dioxide from the atmosphere. Anthropogenic, or human-caused, carbon dioxide comes from greenhouse gas emissions.

**CONCLUSION**

**§       Signal   (Transition, it tells us you’re “winding up)”**

The Commonwealth of the Northern Mariana Islands will continue to face the inevitable consequences of climate change. The lives of every islander are bound to be impacted in more ways than they know and it will be evident in their daily lives.

**§       Summary      (Review main points and that  you convinced us of each point)**

 The local environment is expected to deteriorate from the harsh temperatures. At the rate of human activities with adverse effects on climate change, the island communities will suffer from rising sea levels, severe typhoons/storms, and changes in the ocean system.

**§       Closing (Persuade us that you’ve proven your thesis [restate it here] and let us know that you’re done!)**

 However, it is never too late. Islanders must come together, recognize the issues they are facing, and aid to heal the environment as one community.

**REFERENCES CITED**

 **§**Davin, T. B., & Brannet, A. P. (2010). *Coral Reefs : Biology, Threats and Restoration*.

Nova Science Publishers, Inc.
Derrington, E., Greene, R., Grecni, Z., Miles, W., & Keener, V. (n.d.). *Climate Change in*

*the Commonwealth of the Northern Mariana Islands: Indicators and*

*Considerations for Key Sectors* (pp. 1-68, Rep.). The East-West Center.

doi:10.5281/zenodo.4426942

Greene, R. and R. Skeele. (2014). Climate Change Vulnerability Assessment for the

Island of Saipan. Prepared for CNMI Office of the Governor - Division of Coastal

Resources Management. Saipan: Commonwealth of the Northern Mariana

Islands. 102p

Raygorodetsky, G. (2013). Faces of Climate Change. *Alternatives Journal (AJ) -*

*Canada’s Environmental Voice*, *39*(2), 48–50.

Victoria Keener, John J. Marra, Melissa L. Finucane, Deanna Spooner, & Margaret H.

Smith. (2012). *Climate Change and Pacific Islands : Indicators and Impacts:*

*Report for the 2012 Pacific Islands Regional Climate Assessment*. NCA Regional Input

Reports.