Global Climate Change and Human Health
Cycloning out of Control: Climate Change Impacts on Natural Disasters; Cyclones

Activity Questions and Answer Sheet
After completing all of the instructions above, there were questions posed throughout the instructions that students should be able to answer. They are listed below all in one section.

Question 1: Describe where Hurricanes, Cyclones and Typhoons occur.

Question 2: Why do Hurricanes occur on the east coast of North America but not on the west coast?

Question 3: Why do they not occur in the South Atlantic but do occur in the South Pacific and Indian Oceans?

Question 4: List 3 counties in the eastern hemisphere that experience a high risk proportion economic loss

Question 5: Can you explain why North Korea has a greater risk than the countries surrounding it?
Global Climate Change and Human Health
Cycloning out of Control: Climate Change Impacts on Natural Disasters; Cyclones

Question 6: Use the Population Estimation tool to estimate the population subjected to storm surges along the New Jersey Shoreline.

Question 7: List 3 countries in the eastern hemisphere that have a ranking in the 8th to 10th decile.

Question 8: List 3 countries in the western hemisphere that have a ranking in the 8th to 10th decile.

Question 9: What is the estimated population living in this region?

Question 10: What is the estimated population living in this region?

Question 11: How many additional people would be at risk of a more intense storm if the category 2 region were to increase to category 3?

Question 12: Do you think people in these areas can use some of the techniques the people in Bangladesh are employing to help them adapt to climate change issues?
Global Climate Change and Human Health
Cycloning out of Control: Climate Change Impacts on Natural Disasters; Cyclones

Challenge Exercise!

Please look at the available layers in the CHANGE Viewer and find an area with frequent, intense, and economically damaging cyclones. Now do a Google search to find a specific recent destructive cyclone in your selected area. Write a paragraph on this cyclone’s effect on human health answering the following questions and also other interesting facts or observations. Please keep track of your references because you will be responsible for turning in a bibliography.

a. Name

b. Date range

c. Saffir-Simpson Hurricane Wind Scale

d. Extent of Storm Surge

e. Death Toll

f. Monetary Cost

g. Warning System

h. Could damages have been avoided?