Student Worksheet: Climate Change Repercussions Research Project

Directions: We know that the climate is changing. And we know that humans are contributing to those changes. This activity will help you become familiar with the repercussions (impacts) that the area you live in may be experiencing now or in the future. Follow the directions closely. Write the answers to the following questions in complete sentences.

1. Go to the National Climate Assessment website: [http://nca2014.globalchange.gov/](http://nca2014.globalchange.gov/). Click on ‘Explore the Report.’ Find the Region where you live (i.e. midwest, southwest, etc.) or choose a Sector that interests you. Search for repercussions on climate change in your area by reading the key messages for that region or sector. Write down the key message that interests you the most.

**Region or Sector:**

**Key Message:**

2. After choosing a Key Message to focus on, you will find 3-4 figures that support that key message. Write down the name of the figure below and explain why it supports your key message. You may need to use the search bar to find additional figures.

   a. Figure: ________________________
      Why does it support the key message?

   b. Figure: ________________________
      Why does it support the key message?

   c. Figure: ________________________
      Why does it support the key message?

   d. Figure: ________________________
      Why does it support the key message?
3. Thinking back to the earlier figures in Lesson 1 & 2 about the rise in global temperatures and using your own creativity, what is one way this key message could be addressed?

4. It is important to choose graphs and information that are reliable. How do you know the graphs and figures you chose are reliable? Where did your figure come from and how do you know it’s reliable?

5. Prepare a short speech, video, slide show, etc. (2-3 minutes) to share with the class. Your speech should include your key message (and what region/sector it is from), a short discussion of the graphs/figures you chose, and two things that could be done to reduce the impact of this problem.