**GI: Environment Unit: Climate Change**

**NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Answer the following questions as you watch **Earth: The Operator’s Manual**

<http://earththeoperatorsmanual.com/feature-video/earth-the-operators-manual>

1. What can ice core evidence from the past tell us about today’s climate?
2. What role have humans played, if any, in causing the recent abnormally high CO2 levels?
3. What impact will these heightened levels have globally and locally on Earth’s environments?
4. What are the 6 forms of renewable energy that were suggested in the film as replacements for fossil fuels?
5. In your opinion, how likely is it that the United States will commit to an energy policy similar to the one suggested by the narrator within the next 50 years? Why do you say so?

As you watch VICE ‘Our Rising Oceans’, write down 10 things you learned, 3 things you already knew, and 2 questions you’d like to know more about related to the issues raised in the episode.

**TEN Things Learned**

**THREE things you already knew**

**TWO questions you’d like to know more about**

On your laptops, watch the World Bank videos on the impacts of climate change, complete questions 6-9. In the corresponding boxes, briefly summarize the impacts of climate change in Niger, Indonesia, Kiribati, and Peru. Draw a picture to illustrate the impacts that you summarized.

* *Video links can be found on other side of this page*

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| --- | --- |
| 1. Summary of climate change impact in **Niger:** | Picture to illustrate impact of climate change in **Niger**: |
| 1. Summary of climate change impact in **Indonesia:** | Picture to illustrate impact of climate change in **Indonesia**: |
| 1. Summary of climate change impact in **Kiribati**: | Picture to illustrate impact of climate change in **Kiribati**: |
| 1. Summary of climate change impact in **Peru**: | Picture to illustrate impact of climate change in **Peru**: |

Niger vid: <http://www.youtube.com/watch?feature=player_detailpage&v=saqvbmOMXNM>

Indonesia vid: <http://www.youtube.com/watch?v=44S5sYWpwHE&feature=player_detailpage>

Tuvalu vid: <https://www.youtube.com/watch?v=Z5wRA6AipH4>

Peru vid: <https://www.youtube.com/watch?v=RDjVb8d4tq4>