Environmental Science: Climate Proxies

**Directions**: Answer **ALL** questions in **COMPLETE** sentences!

**Ice Core Video:**

1) What is the goal of the Ice Core Project?

2) What kind of information can scientists obtain from ice cores?

**Sediment core video:**

3) What can be found in sediment cores?

**Tree Ring Video:**

4) How can more rain affect tree rings?

**Independent Practice**

1. Your friend, Erika, does not believe that there is any evidence for climate change. You just read a research report from a team of dendochronologists *(people who study tree ring dating)* that states that trees in the central part of Africa have narrower growth rings now than 10 years ago. Explain to Erika how this supports climate change.
2. Erika still doesn’t believe you. She wants you to provide more evidence of climate change. Using **two** of the proxies described in the lecture, elaborate on how scientists are measuring global warming.

3) Which climate proxy do you believe is most useful to measure climate change? Why?

Homework: Write down one remaining question regarding climate proxies and find the answer through research (you may use any website BESIDES Wikipedia).

Question:

Research:

Source: