## Navigating A Changing World Climate Change and Geologic History

Discussion Questions



## Pre-viewing questions:

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2. Earth's climate is constantly changing. What forces can cause this change?

## Post-viewing questions:

3. What is the primary basis for defining geologic time periods?

4. Why do you think geologists and paleontologists are continually changing the geologic timescale?

5. How are historic concentrations of atmospheric greenhouse gases measured?

6.	Describe how positive feedback cycles accelerate the rate of climate change.
7•	Discuss the link between climate change and mass extinctions.
8.	How does the current rate of extinction compare with the extinction background rate?
9.	What causes the transition from one geologic period to another?
10.	How is paleontology used to develop our understanding of current and historic climatic changes?