

A Long History of Climate Science

Link: <https://www.amphilsoc.org/museum/exhibitions/great-talks-american-philosophical-society/long-history-climate-science>

Length: 1:18:41

Date: April 15th, 2019

Description: Dr. Charles Kennel and Dr. Walter Munk discuss the history of oceanography and climate change awareness in the past century. Listen as they delve into how climate science is communicated and the environmental state that we are in today. *This episode is in memory of Dr. Walter Munk who passed away shortly before its release.*

Guiding Questions:

- Why was predicting wave patterns so important during World War II?
- Why is it important to use a variety of methods for measuring the impact of climate change?
- What is the role of uncertainty in the science community versus the public perception of uncertainty?
- What are some struggles of scientists as they communicate the effects of climate change?

Great for: Grade 7-12

Keywords: Oceanography, climate change, environmental science, science