

Climate Change, a Geological Perspective

Abstract

Geologic time, as recorded in the rock record, reveals a dynamic earth with a changing climate. Atmospheric gas concentrations, as estimated from proxy isotopic data, have varied significantly. This presentation will explore questions critical to understanding climate change as follows: How has the earth's atmosphere varied over geologic time? How have global temperatures varied in conjunction with atmospheric changes? What role have earth rotational cycles and the sun had on climatic variation? How do oceanic cycles affect global climate? And finally, how do current climate model predictions compare with actual data?

The Speaker

Mr. Krumm was educated at Capital University, majored in Geology and Chemistry and received his Masters of Science degree at Ohio State University in Geology and Mineralogy. He spent 10 years working as an analytical chemist and for the past twenty-two years he has been a consulting geologist and hydrogeologist, currently with Stantec Consulting Services Inc. in Columbus, Ohio. Mr. Krumm is a member of the American Chemical Society, a Certified Professional Geologist with AIPG, and a Ohio Voluntary Action Program Certified Professional. Mr. Krumm is also a LEED® Accredited Professional under the U.S. Green Building Council program: Leadership in Energy and Environmental Design. As an amateur astronomer, he has been a student of solar activity and climate variation since the 1970s, and has actively followed research in this area throughout his career.

Date:

September 24th, 2009

Location:

LaScala Italian Bistro

Schedule:

5:00 to 6:00 Social Hour

6:00 to 7:30 Dinner

7:30 to 8:30 Presentation

Reservations:

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