

You are cordially invited to attend a public symposium.

**Catastrophes Evening Lecture Series:
Droughts and Other Catastrophic Climatic Changes: What
Can We Learn from the Ancients?**

*Dr. Nicholas Dunning, Professor of Geography, University of Cincinnati
Dr. Robert Giegengack, Davidson Kennedy Professor of
Earth and Environmental Science, University of Pennsylvania*

Dramatic climate changes, including prolonged droughts, are forecast for the near future in many parts of the world. Periods of climatic instability have been known throughout earth history and have been dealt with by ancient civilizations. This year's annual catastrophe seminar focuses on how two major cultures, the ancient Maya and Egyptian civilizations, dealt with episodes of extreme climatic change. **Dr. Nicholas Dunning**, a geographer at the University of Cincinnati who has spent 25 years studying the nature of past and present human adaptations in the Maya lowlands, will discuss how Maya civilization has dealt with episodes of extreme climatic change. **Dr. Robert Giegengack**, a geologist at the University of Pennsylvania who has spent more than 40 years researching environmental and climate change in Egypt, will discuss that long-lived civilization's challenges and responses. A discussion period follows.

Thursday, October 6, 2005

6:00 PM

at the

University of Pennsylvania Museum of Archaeology and Anthropology
33rd and Spruce Streets

Free lecture

Reception with cash bar to follow:

\$25 non-members; \$20 for members

Information: 215-898-4890

Co-Sponsored by:

The Institute for Environmental Studies, and
The University of Pennsylvania Museum of Archaeology and Anthropology

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