

Ice From Thin Air

Time Capsules of Earth's Climate History
Presented by the Land Use and Environmental Change Institute (LUECI)

10:00 am, Friday, December 7, 2001
Paynes Prairie Room, 282 Reitz Union
University of Florida

Deciphering Earth's Climate and Environmental History from Ice Cores

Dr. Ellen Mosley-Thompson
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Geography, The Ohio State University

Disappearing Glaciers: Evidence of a Rapidly Changing Earth

Dr. Lonnie G. Thompson
Professor and Research Scientist
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Dr. Ellen Mosley-Thompson and Dr. Lonnie Thompson are racing against time. Their adventurous expeditions to Earth's poles and high-altitude tropical glaciers are inherently dangerous and challenging. In addition, global warming is causing the glacial ice they use to study records of past climate change to disappear.

Study of ice cores has greatly enhanced our knowledge of Earth's past climate and altered the way we think about global climate change. The Thompson's research has also contributed to a better understanding of ecology, biogeography and archaeology.

LUECI is a new UF center that was created to promote interdisciplinary teaching and research that addresses complex interactions among climate, humans, and the environment. The center was developed by the Departments of Geological Sciences, Geography, Anthropology, and the Center for Latin American Studies.