

School of Earth and Environmental Sciences

Fall 2025 Colloquium Series

Wednesday, Dec. 3rd, 2025

12:15 PM -1:30 PM

Science Building C-207

Zoom ID: 843 0287 5858

Passcode: 672323

Michael Kaplan, Ph. D.

Lamont Research Professor, Geochemistry

Lamont-Doherty Earth Observatory

Holocene climates in the Southern Hemisphere, and was there a European-like Little Ice Age?

Dr. Kaplan will summarize glacier and paleoclimate records in Patagonia, southern South America, during the Holocene epoch or the last ~11,700 years. Across Patagonia, during the Holocene glaciers behaved differently than they did in Europe and in North America. Unlike in the Northern Hemisphere, glaciers reached their maximum extents in the middle or early parts of the Holocene. While glacier advances occurred during the relatively recent Little Ice Age interval, they were not the most extensive of the last ~12,000 years. Such findings allow us to gain insight into natural climate variability prior to the 20th century.

