

Proposed Conference: “Modes and Mechanisms of Holocene Climate Variability”

Gerard Bond and Peter B. deMenocal

Meeting Summary and Objectives:

The primary goal of this conference is to define the timing, amplitude, and regional signatures of Holocene climate variability and discuss possible causal mechanisms based on the paleoclimatic record, synoptic climatology, and climate modeling studies. We plan to have this meeting to serve as an opportunity to present new Holocene terrestrial, marine, and ice core paleoclimate data, and to evaluate these records within the context of modes and mechanisms of modern climate variability. Contributions from the climate modeling community will address ocean-atmosphere climate model responses due to prescribed Holocene boundary condition changes.