Proposal to the LDEO Climate Center for a Mini-Conference in Spring 2012

# Glacier Snowlines and climate change

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*Abstract*

I propose a 'LDEO Climate Center Mini-Conference' to bring together on campus experts from various disciplines in earth sciences, including glaciology, remote sensing, glacier and climate modeling, glacial geology, geochronology, hydrology and engineering, to review and advance the level of knowledge regarding past and present glacier snowline change and the quantification of past climate variations. Lamont has become a leader in glacier chronology and this conference would further broaden the spectrum of Lamont expertise towards a near-global temperature reconstruction of basic interest to all climate sciences. I expect that many groups on campus and beyond would be interested and involved and that this 2-day conference would form the nucleus of new initiatives and projects cross-cutting the Lamont community. I request partial funding by the LDEO Climate Center and will seek matching funds from the EI and NOAA.