



The Keck Institute for Space Studies
presents an open lecture on:

Climate Change Impact on Past Civilizations: Lessons from Space Data and Archaeology

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Tuesday, May 24th, 2016

4:30 P.M. Refreshments

5:00 P.M. Lecture

**Sharp Lecture Hall
Arms Building
California Institute of Technology**

NASA and other remote sensing data from spacecraft and aircraft have contributed significantly to archaeological research. This work has included locating the lost "city" of Ubar in present day Oman, study of Native American sites on San Clemente Island off the California coast, to detection of disturbance of the Nazca lines in present day Peru.

One factor emerging from this body of work is that past civilizations were significantly influenced by even minor climatic events. In order to assess and anticipate possible impacts and responses of current civilization to climate change, it is instructive to examine the historical and archaeological record and compare it to increasingly detailed climate records from tree rings, ice cores, sediment cores, cave data, and other climate data.

No registration is required for this open lecture.
Seating is limited and is available on a first come, first served basis.

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