

The Lunar and Planetary Institute Presents

# COSMIC EXPLORATIONS: A SPEAKER SERIES

February 24, 2011

## *ICEHOUSE TO GREENHOUSE TRANSITIONS IN EARTH HISTORY: LESSONS FROM DEEP TIME TO RECENT*

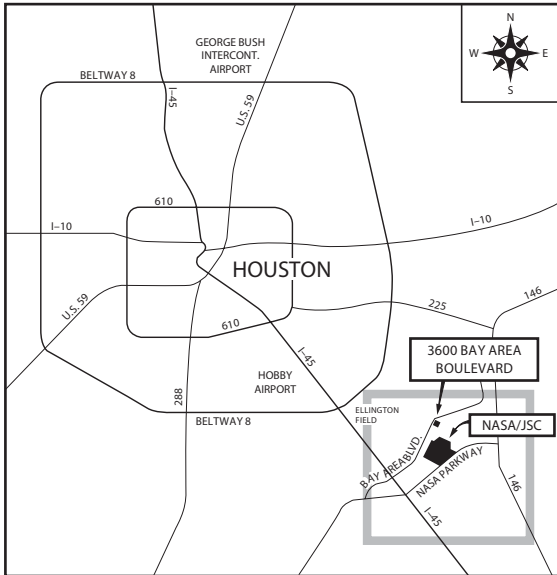
As glaciated planet Earth has warmed, major changes have occurred in its atmospheric chemistry — including an increase in the carbon dioxide concentration — and the extent of its glaciers has been significantly reduced. It is imperative that we examine ancient episodes of glaciation and the subsequent demise of ice and place them in a climatic and biologic context. Dr. Eugene Domack of Hamilton College (Clinton, NY) continues LPI's Cosmic Explorations Speaker Series, "Changing Climates in the Solar System," with accounts of his work on three transitions in Earth's history: Snowball Earth; the Gondwana Ice Age; and the demise of Antarctic ice shelves during our current interglacial climate. Join us as we explore Earth's shifts from icehouse to greenhouse.

This FREE presentation at 7:30 p.m. is intended for inquisitive adults and will be followed by a light reception and an opportunity to meet Dr. Domack.

Groups should plan to carpool; parking at the LPI is limited.

Speaker presentations held at  
USRA's Lunar and Planetary Institute  
3600 Bay Area Boulevard, Houston TX  
(entrance on Middlebrook Drive)

For more information, please call  
281-486-2163 or visit  
[www.lpi.usra.edu/education/lectures](http://www.lpi.usra.edu/education/lectures)



# MAP OF BAY AREA HOUSTON

WITH SPECIAL EMPHASIS ON SITES OF PARTICULAR INTEREST TO WORKSHOP AND CONFERENCE PARTICIPANTS.

The Universities Space Research Association is located at 3600 Bay Area Boulevard (enter from Middlebrook Drive).

