



10th International Symposium on Antarctic Earth Sciences



photo: C. Siddoway

ISAES 2007

August 26 – September 1, 2007 University of California, Santa Barbara

Conference themes:

- **Antarctic Climate Evolution: Global Linkages from Records in Ice cores, Geological cores, Outcrops, & Models**
- **GeoCryoDynamics: Feedbacks and Coupling between the Geosphere, Cryosphere and Climate**
- **Antarctica in the Global Geodynamic System**
- **Antarctic Earth Science in the International Polar Year**
- **Antarctica's Impact on Global Biosphere Evolution**
- **New Frontiers in Technologies and Polar Databases**

Please visit website for subsidiary themes.

A research paper or extended abstract with references and figures (4 page limit) is required for all presentations. Papers will be peer-reviewed and published online before the symposium.

Keynote Presentations:

- Antarctica, the Southern Ocean and global climate
- Abrupt climate change, Snowball Earth to the present
- Antarctic tectonics and mass balance of ice sheets
- Ice sheet dynamics, polar landscapes, isostatic rebound data and the sedimentary record
- Assembly history of the Antarctic continent
- Antarctica and supercontinent breakup
- Response of global life to Antarctic glaciation
- Antarctic subglacial environment
- New technologies for Antarctic geoscience
- Science highlights of the International Polar Year

Pre-register now at:

isaes2007.geol.ucsb.edu

Register and submit abstract/paper online:

Registration opens: January, 2007

Abstract/Paper submissions: by March 15 (papers)
or May 15 (ext. abs.), 2007

The International Symposium on Antarctic Earth Science (ISAES) convenes once every four years, and brings together ~400 scientists from over 35 countries. This year's conference, [Antarctica: A Keystone in a Changing World](#), marks the beginning of the International Polar Year and will bring scientists from around the world together for exciting presentations, workshops, field trips, exhibits and social events. The seaside campus of the University of California, Santa Barbara (UCSB) is situated on a narrow coastal plain south of the Santa Ynez Mountains and wilderness area with great, relevant local geology. The city's relative isolation from other population centers and easy access to the sea, the mountains, and the vineyards of the Santa Ynez Valley combined with a mild, maritime climate provide a beautiful setting to discuss contemporary topics in Antarctic Earth Sciences. Please join us!

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