

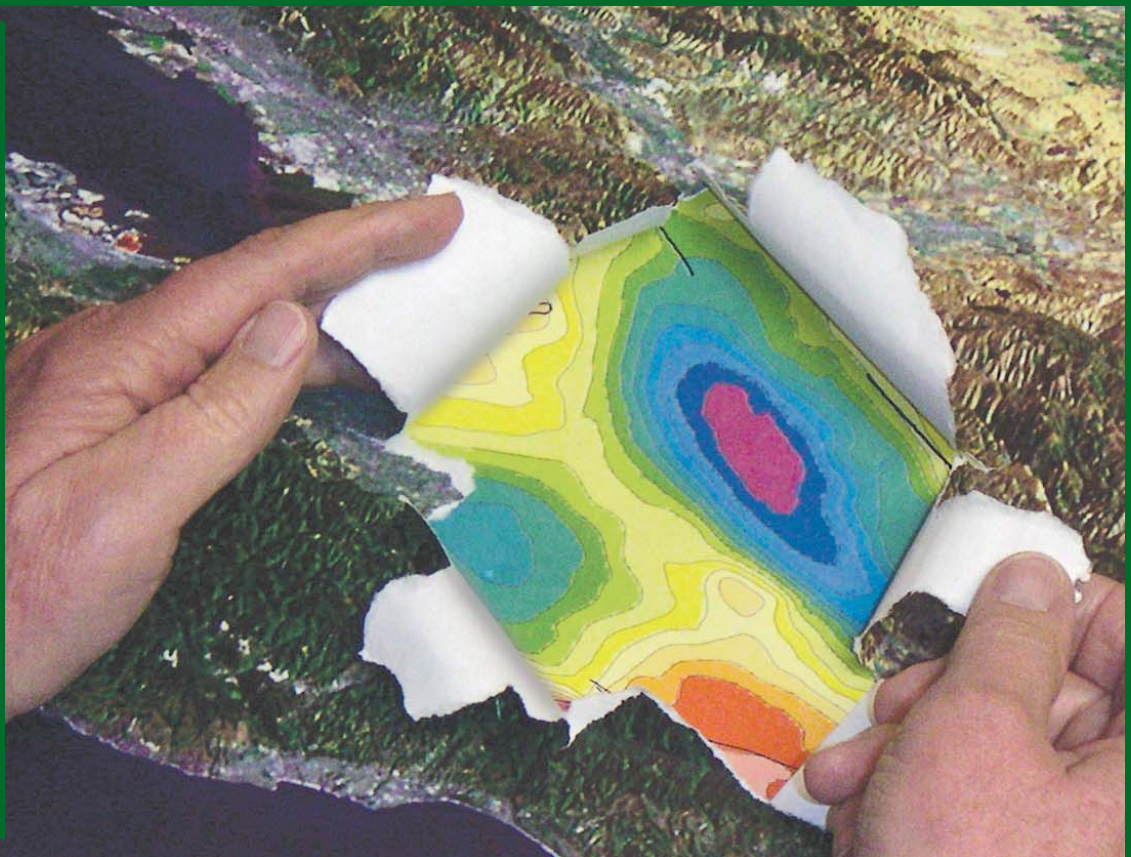
Free Public Lecture

# UNCOVERING SILICON VALLEY

Weaving a tale of  
three sedimentary  
basins

By Victoria E. Langenheim, Geophysicist

- ◆ Geophysical probing reveals the geology under Santa Clara Valley
- ◆ What does the new 3-D view tell us about the San Andreas fault system?
- ◆ How does this affect earthquake hazards and ground-water resources?
- ◆ Was the strong 1865 earthquake caused by a thrust fault beneath Cupertino?
- ◆ Significant movement on the Silver Creek Fault may have partitioned the valley's ground-water resources



**Thursday, July 27, 2006, 7:00 p.m.**  
**USGS, Conference Room A, Bldg 3, Menlo Park, California**

For current information about the Public Lecture Series, call (650) 329-5000 or visit our website at <http://online.wr.usgs.gov/calendar/>  
U.S. Department of the Interior • U.S. Geological Survey • Menlo Park Science Center

[Map for lecture site on reverse](#)



USGS Summer Science Series \* May-September 2006 \* *Santa Clara Valley Geology, Ground Water, and Hazards*