

Free Public Lecture

# Probing Volcanoes

## Advances in Understanding and Coping with their Hazards

By Robert L. Christiansen and  
Robert I. Tilling, Volcanologists

- The development of plate tectonic theory in the 1960s shed new light on the origins of volcanoes
- Mount St. Helens' spectacular 1980 eruption stimulated much productive new research
- Frequent eruptive activity in Hawaii provides a natural laboratory for understanding active volcanoes
- Deciphering "lifestyles" of volcanoes helps to assess their hazards and mitigate risks
- A unique USGS volcano "SWAT" team deals with volcano crises around the world
- What might the future bring—in volcanic eruptions and in our understanding of them?

**Thursday, December 16, 2004, 7:00 p.m.**  
**USGS, Conference Room A, Bldg 3, Menlo Park, California**

The Earth Science Information Center (Map and Publication Sales) in Building Three will remain open until 7:00 p.m. on the evening of the lecture. Map for lecture site on reverse. For information on USGS public events, call (650) 329-5000 or visit our website at <http://online.wr.usgs.gov/calendar/>

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