

Free Public Lecture

# Finding Elusive Earthquake Faults

New Mapping Techniques Reveal Potential Seismic Sources Beneath Seattle

By Richard J. Blakely, Geophysicist, and Ralph A. Haugerud, Geologist

- Geophysical methods reveal "the landscape beneath the landscape"
- Why does the Seattle Fault exist, and why is it so hard to locate and map?
- LIDAR imagery can depict faults and other geologic features hidden under dense forest
- Learn how geologists unravel and translate the stories concealed in landscapes
- Does the research in the Seattle area have implications for other urban areas?

**Thursday, June 27, 2002, 7:00 p.m.**  
**USGS, Building Three, Menlo Park, CA**

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. See other side for USGS site map.

For information on USGS public events, 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 • Western Region Center