

The San Bernardino County Museum Guest Lecture Series

Earthquake Country

Dr. Susan E. Hough

Seismologist, United States Geological Survey

Wednesday, June 28, 2006 • 7:30PM • Free Admission



Lone Pine Canyon. Photograph from "Finding Fault in California."

Join Dr. Susan E. Hough and find out what we know—and don't know—about earthquakes. Hough will separate fact from fiction and fill in many of the blanks that remained after plate tectonics theory, in the 1960s, first gave us a rough idea of just what earthquakes are about. How do earthquakes start? How do they stop? Do earthquakes occur at regular intervals on faults? If not, why not? Are earthquakes predictable? How hard will the ground shake following an earthquake of a given magnitude? How does one quantify future seismic hazard?

Susan Elizabeth Hough is a seismologist with the United States Geological Survey in Pasadena, California, and has published more than forty articles in journals such as *Nature*, *Science*, *Natural History*, and the *Journal of Geophysical Research*. She has also written occasional editorials on earthquakes for the "Los Angeles Times." She is the author of *Finding Fault in California: An Earthquake Tourist's Guide* and *Earthshaking Science: What We Know (and Don't Know) about Earthquakes*.



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