USGS
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Breaking Badly: Forecasting California Earthquakes

by Morgan Page, USGS Research Geophysicist

* Scientists cannot currently predict the precise time, location, and size of future damaging earthquakes.

* Historical records of earthquakes in California date back over 150 years.

* Geologists have dug trenches to extend the known history on some faults back to around 1,000 years before today!

* We are learning more about the behavior of large earthquakes, such as the possibility for earthquakes to "link up" multiple geologic faults and the ability of one earthquake to trigger others.

* This information is being used to develop new, sophisticated earthquake forecasting models and to better determine the likely effects of future earthquake in California.

Free Public Lecture
USGS Menlo Park Campus
May 21, 2015 at 7PM

USGS Evening Public Lecture Series: online.wr.usgs.gov/calendar
Map for lecture site on reverse

Directions to U.S. Geological Survey

The USGS Menlo Park Campus is located at 345 Middlefield Road in Menlo Park

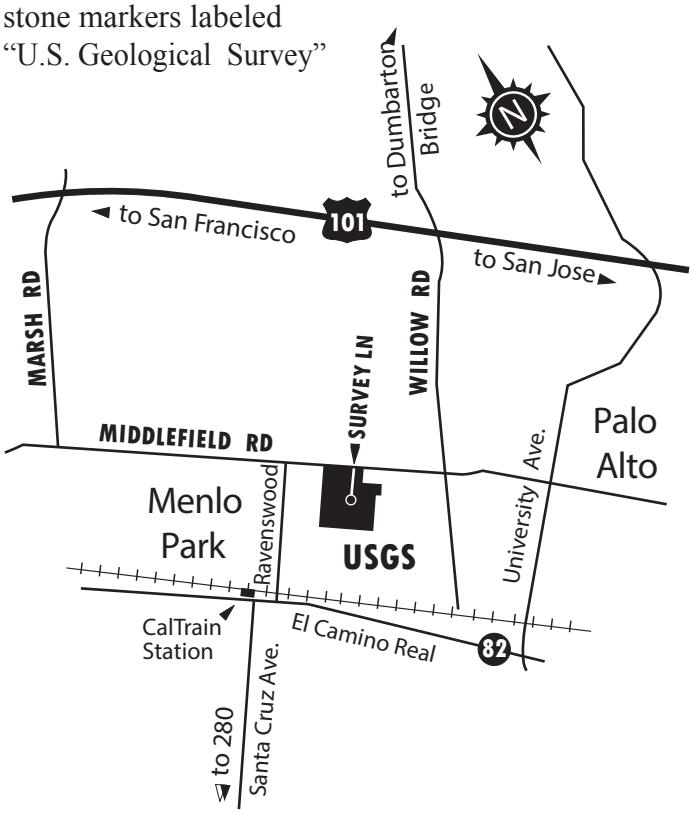
From San Francisco

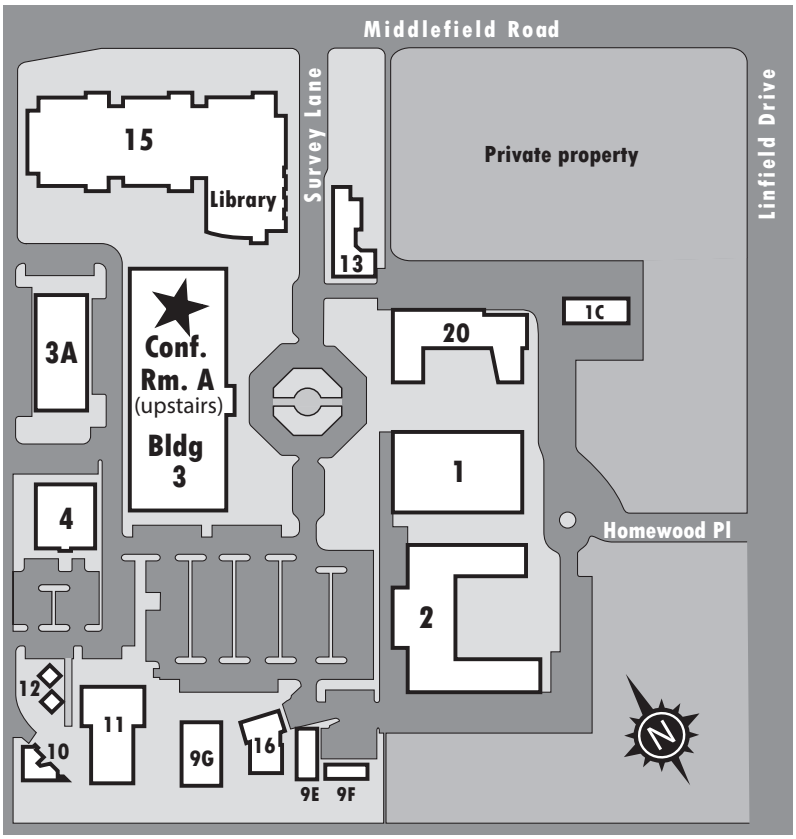
- Exit highway 101 at Marsh Road, Atherton
- Go west to the T-junction with Middlefield Rd.
- Turn left (south)

From San Jose

- Exit highway 101 at Willow Road, Menlo Park
- Go west to Middlefield Rd.
- Turn right (north)

Enter the USGS campus at Survey Lane with large stone markers labeled "U.S. Geological Survey"





For special needs accommodation please e-mail wmcesic@usgs.gov, two weeks prior to an upcoming event.

Free USGS Public Lecture

For email announcements: wmcesic@usgs.gov

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