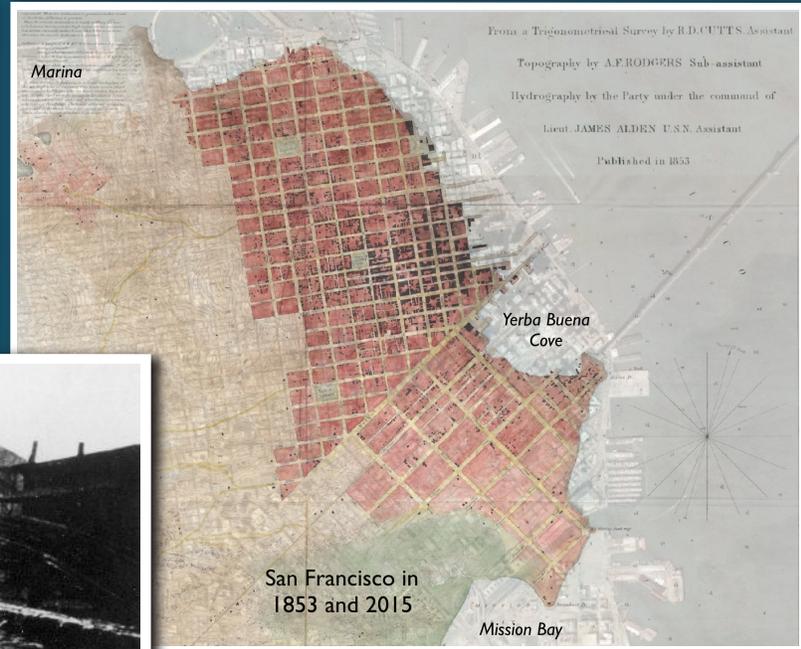


The Gold Rush and the 1906 Earthquake: How they combined to create the breakthrough discovery of modern seismic science

by **Ross S. Stein, USGS Scientist Emeritus**
Consulting Professor of Geophysics, Stanford University



- Accidents of Gold Rush merchant marine navigation transformed a seismic disaster into a seminal discovery and led to San Francisco's extreme liquefaction vulnerability today.
- Just about everything that we love about the Bay area is brought to us by the faults. We enjoy their daily fruits and so must live with their occasional spoils.
- No one knows when the next damaging quake will strike; we must frame the 'payback period' for seismic expenditures in terms of chance.

USGS Menlo Park Campus • Free Public Lecture • February 25, 2016 at 7PM

Directions to U.S. Geological Survey

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

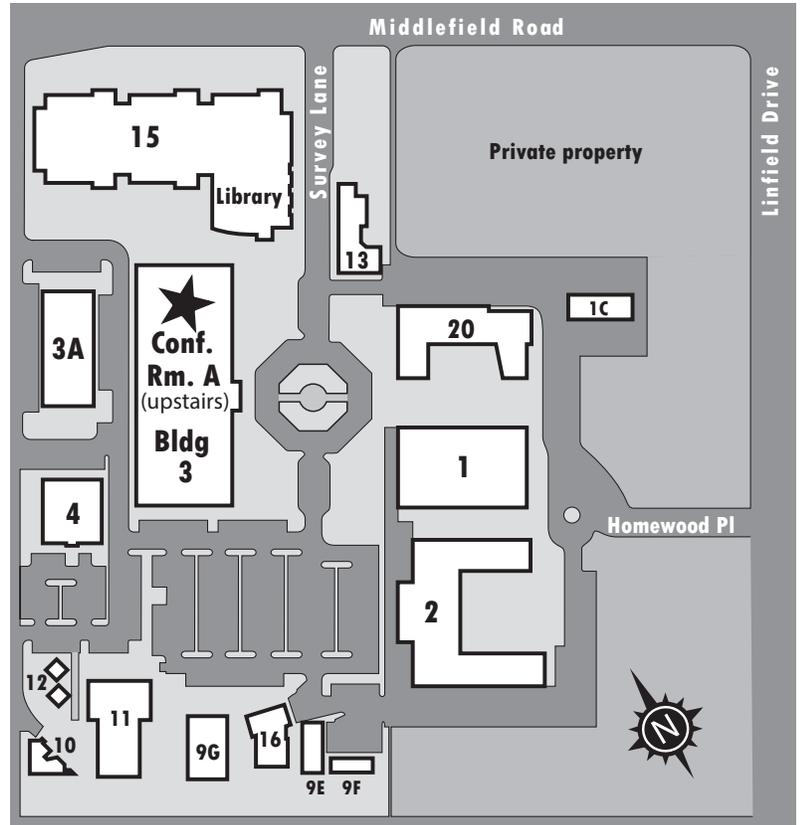
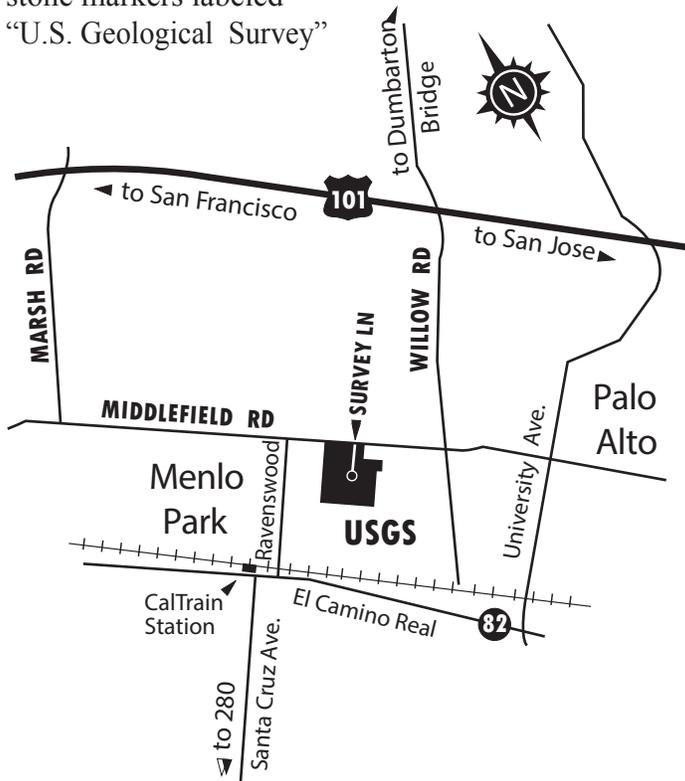
From San Francisco

- 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.

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For email announcements: wmcesic@usgs.gov



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