

Amherst College
Department of Geology

EARTHQUAKE HAZARDS

You are assigned the viewing of one of two hour-long video programs (but you are welcome to watch both!), which are available through the College's "Video on Demand" system. They are:

- 1) The City that Waits to Die (San Francisco), and,
- 2) Killer Quake! (Los Angeles)

To access the programs, go to the College's Library webpage at: <http://www.amherst.edu/library/>
In the lower right-hand corner click on "Find My Course Reserves". This will lead you to a list that includes these two videos.

This home work is due, in class, on ****MONDAY, FEBRUARY 18****

As you watch the video, make a list of each different hazard that earthquakes pose to man-made structures. As you do this, try to think like a city planner. Which hazards can be mitigated by building codes? Which by an emergency response plan? Which by a zoning law? On your list, indicate whether the severity of the hazard is a function of the design and engineering of the structure itself, the nature of the earthquake that occurs, and/or the geologic character of the site of the building.