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 Geo 11 CMS web site webpage at: https://www.amherst.edu/academiclife/departments/courses/1112F/GEOL/GEOL-111-1112F
On the left side of the page click on “E-reserves. This will lead you to a list that includes these two videos.

This homework is due, in class, on **Friday, September 23**

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 of the hazards on your list 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.