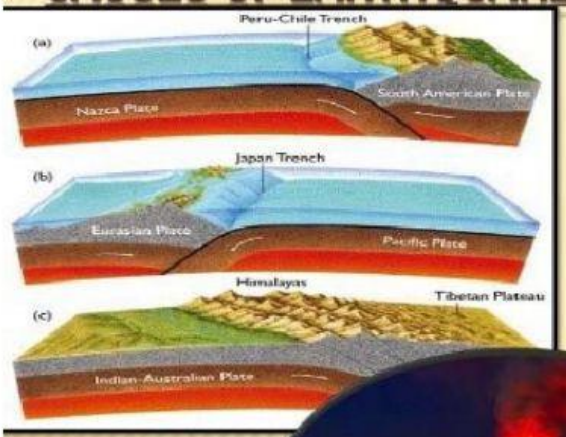
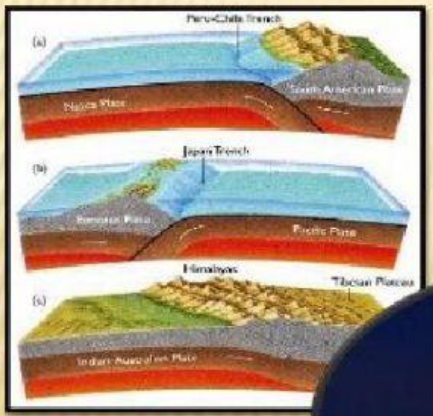
6.19 Earthquake Safe Structures

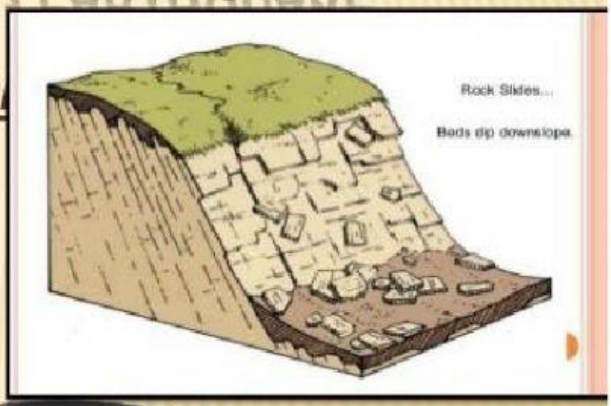
## CAUSES OF EARTHQUAKE

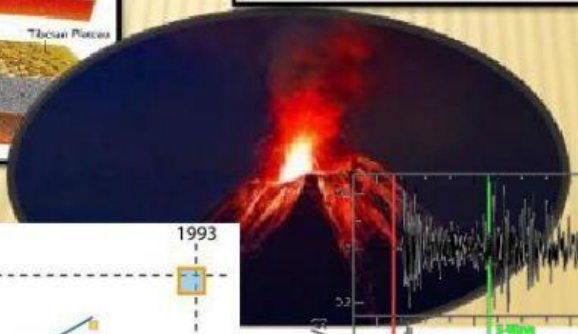


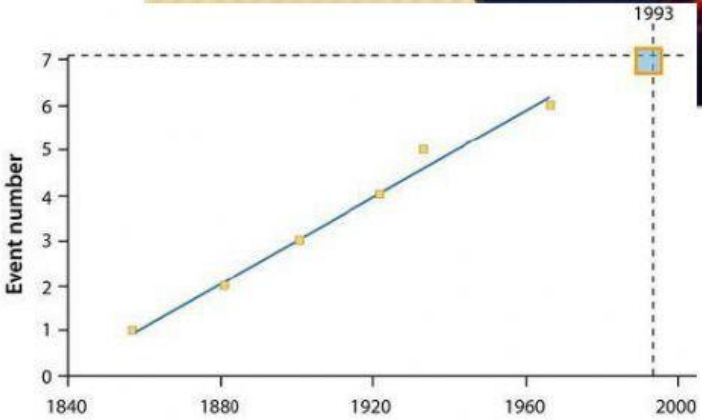

## FACTORS AFFECTING EARTHQUAKE

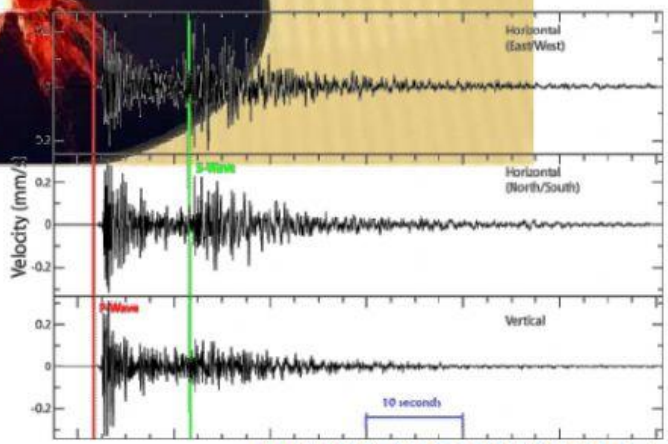
× INTERNAL FACTO





1. What can be done to make a new building safer in an earthquake zone?

2. What can be done to retrofit an older building in an earthquake zone?

3. What can be done to reduce the damage from fire after an earthquake?

4. Should all buildings in all areas be built to the highest earthquake standards? What is a more cost-effective approach?

1. What is LA's most earthquake resistant building?

2. Why is this building chosen to be the safest?

3. Why is it called a floating building?

4. How many suspension points are in the building? How do they move?

5. What size earthquake should the building be able to withstand?

6. How far is it designed to move?

7. Why aren't all buildings in Los Angeles designed like this?