

LESSONS LEARNED FROM DISASTROUS EARTHQUAKES

Causes of Damage:

- Inadequate seismic resistance
- Lack of appropriate seismic detailing and construction materials
- Irregularities in elevation and floor plan
- Inappropriate change of non-structural elements (partitions)
- Fire following rupture of utilities



LESSONS LEARNED FROM DISASTROUS EARTHQUAKES

- We should always prepare for the next larger earthquake.
- Find out those vulnerable buildings existing in our societies.
- Establish prompt preliminary seismic assessment methods for the existing buildings.
- Develop more efficient and economical retrofitting strategies to increase the popularization of seismic retrofitting among the older buildings.
- Enhance structural health monitoring techniques.

