

# MANAGING EARTHQUAKE DISASTERS THROUGH ARCHITECTURE AND PLANNING

## SESSION 1

### **Understanding Earthquake as a phenomenon.**

Earthquake is a natural phenomenon caused by the moments in tectonic plates, lying below the substrata.

There are Seven major tectonic plates in the world. These tectonic plates have boundaries which are most susceptible to occurrence of an earthquake. These zones should be avoided for construction of any kind because of their volatile nature. If the undue care is not taken considering the earthquake phenomenon, it can lead to disasters.

Earthquake is not a disaster, but constructing on an earthquake prone area can trigger the following disaster. To avoid any losses following the phenomenon, right majors should be taken considering the intensity of earthquake prone zones. The world is divided into five such zones.