

# Country Update Pakistan

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# National Disaster Management Authority

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## About Us

### National Level

National Disaster  
Management Commission  
(NDMC)

National Disaster  
Management Authority  
(NDMA)

Chairman National Disaster  
Management Authority

## Vision

To achieve sustainable social, economic and environmental development in Pakistan through reducing risks and vulnerabilities, particularly those of the poor and marginalized groups, and by effectively responding to and recovering from all types of disasters events.

## Mission

To manage complete spectrum of disasters by adopting a disaster risk reduction perspective in development planning at all levels, and through enhancing institutional capacities for disaster preparedness, response and recovery.

## Aims

# NDMA AIMS

- Complete spectrum of DRM at national level.
- Act as Secretariat to facilitate implementation of DRM strategies.
- Map all hazards in the Country and conduct risk analysis on a regular basis.
- Develop guidelines and standards for national and provincial stakeholders regarding their role in disaster risk management.
- Provide technical assistance to federal ministries, departments and provincial DM authorities for disaster risk management initiatives.

# NDMA AIMS

- Ensure appropriate regulations are framed to develop disaster response volunteer teams.
- Create requisite environment for participation of media in DRM activities.
- Serve as the lead agency for NGOs to ensure their performance matches accepted international standards, e.g. the SPHERE standards.
- Serve as the lead agency for international cooperation in DRM including information sharing, early warning, surveillance, joint training, and common protocols required for regional and international cooperation.

# NDMA EYE





# Seismic Educational Portal



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## Real time Seismic Monitors



Seismic Monitor USGS



Seismic Monitor IRIS



Live Earthquakes Maps



Seismic Data Monitor



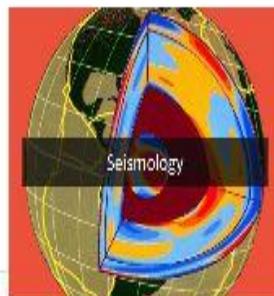
Jumbo Seismic Monitor



PNSN

## Seismology

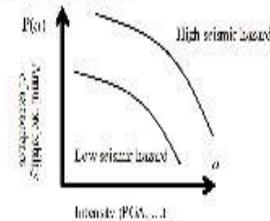
"Seismology is the scientific study of earthquakes and the propagation of elastic waves through the Earth or through other planet-like bodies."



Tectonic Plates

## Seismic Hazard

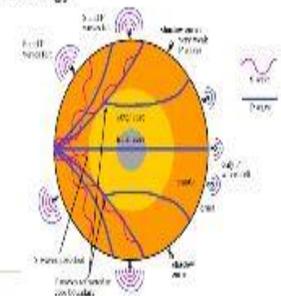
"A seismic hazard is the probability that an earthquake will occur in a given geographic area, within a given window of time, and with ground motion intensity exceeding a given threshold."



Seismometer

## Seismic Waves

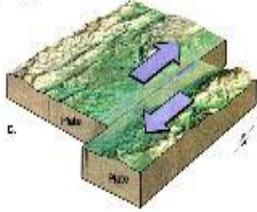
"Seismic waves are waves of energy that travel through the Earth's layers, and are a result of an earthquake, explosion, or a volcano that gives out low-frequency acoustic energy."



Seismic Zone

## Tectonic Plates

"Tectonic plates are pieces of Earth's crust and uppermost mantle, together referred to as the lithosphere. The plates are around 100 km thick and consist of two principal types of material: oceanic crust and continental crust."



## Seismometer

"A seismic hazard is the probability that an earthquake will occur in a given geographic area, within a given window of time, and with ground motion intensity exceeding a given threshold."



## Seismic Zone

"A seismic zone is a region in which the rate of seismic activity remains fairly consistent. This may mean that seismic activity is incredibly rare, or that it is

extremely common."



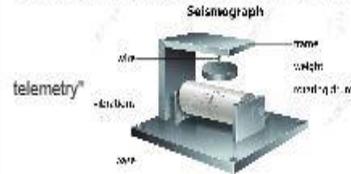
## Geophysics

"Geophysics is a subject of natural science concerned with the physical processes and physical properties of the Earth and its surrounding space environment, and the use of quantitative methods for their analysis."



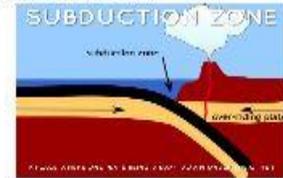
## Seismograph

"Instrument, which detects and records ground motion (and especially vibrations due to earthquakes) along with timing information. It consists of a seismometer, a precise timing device and a recording unit (often including



## Subduction Zone

"An elongated region along which a crustal plate descends relative to another crustal block, for example, the descent of the Pacific plate beneath the Andean plate along the Andean trench."



## Focal Mechanism

## Earthquakes and Faults

## Types of Plate Boundaries

预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_1909](https://www.yunbaogao.cn/report/index/report?reportId=5_1909)

