



# Presentation for workshop on “Tsunami Evacuation Planning”

**Mr. Asghar Ali Jamali (Deputy Director)  
PDMA, Balochistan.**

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# Introduction of coastal belt of Balochistan

## ► Background;-

District Lasbela and Gwadar are prone to number of natural hazard including Earthquake, Tsunami, flood, cyclone, drought, sea erosion, urban fires and epidemic etc.

## Markan Subduction Zone (MSZ);-

The Arabian sea plate is subduction underneath the Eurasian Plate in Arabian Sea, resulting into formation of zone commonly known as Makran Subduction Zone. MSZ has around 800km long fault line and witnessed of major earthquakes in 1945 with magnitude of 7.8 at a depth of 25km below the sea floor and resulted 4000 casualties. Recently June 2007 Gonu Cyclone, July 2007 Yemyin Cyclone and May 2010 Phet Cyclone impacted coastal districts of the province including Gwadar.

## Potential for Tsunami.

MSZ still have the potential & are posing high risk of earthquake followed with tsunami in the coastal areas of Balochistan as most coastline are situated at the distance of 100km from fault line.

# Intervention by Govt. for Tsunami Planning

## ▶ National Response Plan 2012;-

The NDMA, Pakistan had developed a National Response plan in 2012 to cater all kinds of disasters in terms of preparedness, Mitigation and response.

## PDMA Balochistan intervention;-

PDMA Balochistan established in 2007 under National Disaster Management ordinance 2006 as leading agency for disaster response activities.

- ❖ PDMA Balochistan with the support of UNDP Pakistan has developed the Disaster Preparedness , Mitigation and Response Plan for Gwadar (2022-2026)
- ❖ PDMA Balochistan has also set School Safety Guideline for coastal areas of Balochistan in 2021.
- ❖ PDMA Balochistan has conducted MHVRA for two districts i.e Gwadar & Lasbela.

# PDMA Balochistan initiatives for Tsunami Evacuation Planning

**PDMA has developed DRM Plan for Gwadar District.**

The DRM plan clearly indicates to establish Multi-Hazard Early Warning and Evacuation Management. Some of key points are as followed to ensure public safety during Tsunami /Earthquake;-

- ❖ Develop School Safety guidelines mock drills on it at school level for Earthquake & Tsunami and conduct.
- ❖ Establish Tehsil/UC level early warning system committees in costal areas.
- ❖ Identification of safer places for evacuation routes maps and conduct simulation exercises at least twice in a year.
- ❖ Prepare resource inventory of available communication equipment with user location/ addresses based on individual agency inventories.

*Thanks*