

What is an Earthquake?

EARTHQUAKE

It a phenomenon caused by the movement of the earth's tectonic plates. weak to violent shaking of the ground produced by the sudden movement of rock materials below the earth's surface.



Countries located near the Pacific Ring of fire is more vulnerable to earthquakes compared to other parts of the world.

EARTHQUAKE IN THE PHILIPPINES

Earthquakes are catastrophic occurrences that are caused by the vibrations of the tectonic plates on the earth's surface. What is crucial is that the Philippines also lie on the Pacific Ring of Fire where volcanic eruptions and earthquakes are expected to be frequent. It may not often occur but when it does it is dreadful that is why there is a constant reminder and awareness being raised for the people of a community. By raising awareness, we are not expected to stop the impact of the catastrophe fully, but we can mitigate the damage that it can bring to different establishments and sectors that are vulnerable.

QUAKE FACTS



1. The surface of the Earth is composed of 20 plates that constantly moves causing quakes.
2. The National Earthquake Information Center (NEIC) records 20,000 as the average number of quakes yearly around the world. Some weaker quakes are not yet included in the counting.
3. The strongest recorded quake in the United States had a magnitude of 9.2. It hit Alaska in 1964.
4. The strongest quake in the world was located in Chile in 1960. It has a magnitude of 9.5.
5. The state that is most prone to earthquake is Alaska.
6. Out of all the quakes happening on Earth, almost 80% of it are within the "Ring of Fire" which is at the Pacific Ocean's rim.
7. Not only the movements of the earth's plates are causing quakes but as well as meteor impacts and volcanic eruptions.

STEPS TO EARTHQUAKE SAFETY

1

Identify Hazards in Home

The majority of injuries and casualties during earthquakes are a result of items falling onto people in their homes and businesses.



2

Create Your Disaster Plan



Visualize what actions should be taken when the disaster occurs. Analyze the structure of the house and spot vulnerable and safe areas. Also, identify what materials are needed.

3

Create Disaster Supply Kits

Help might not always be available within hours or even days immediately following an emergency. A disaster supply kit is necessary for survival while waiting for assistance from local officials.



4

Identify Your Home's Potential Weaknesses



The home structure needs to be strengthened to provide stability against the forces of an earthquake. It is more likely to survive if it is properly secured from top to bottom.

5

Drop, Cover, and Hold

During an earthquake if possible stop to find safety underneath a sturdy surface away from dangerous objects that could fall onto you. Protect and cover your head while holding onto to your covering until the shaking stops.



6

After the Shaking Stops Check for Damages and Injuries Needing Immediate Attention

Learn about steps to take to access and provide first aide care following an earthquake. Also, find out different areas of damage to look for in and around your house, neighborhood, or place of business.

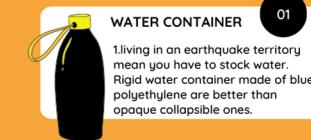
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When Safe Follow Your Disaster Plan

Put into motion the disaster plan you created and be on alert for news updates from local officials and other advisory groups.



SOME EMERGENCY ITEMS TO CONSIDER



WATER CONTAINER

Living in an earthquake territory mean you have to stock water. Rigid water container made of blue polyethylene are better than opaque collapsible ones.



EMERGENCY RADIO

Though early-warning systems are spreading, earthquakes can't be forecast in any practical way in advance of the actual rupture. It is important to have a good emergency radio that can tune in to AM/FM.



FIRE EXTINGUISHER

All houses must have one and easily accessible fire extinguisher. It is effective for all types of common household fires, burning liquids, and electrical fires.



BATTERY PACK

An option for immediate power needs after an earthquake.



DUCT TAPE

After an earthquake, there can be an infinite number of things that could be cracked, leaking, punctured, or torn. Ideally, duct tapes can mend, bind, gaff, and even handle certain first-aid needs.



FIRST AID

It is important to remain vigilant after every disaster. Cleaning up and recovery efforts can be done with a first aid kit.



EMERGENCY LAMP

It is a convenient tool to have on hand in the aftermath of an earthquake.

