



Revision Guides

Natural Hazards Part - 2



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Types..

A natural hazard is a threat of a naturally occurring event, that can have a negative effect on humans. This negative effect is what we call a natural disaster.

Hazards and the natural disasters that results from it can be divided into several different categories: based on their origin.

For Example –

Geological

Hydrological

Atmospheric

Space Disasters

Geological..

Avalanches and landslides

A landslide is described as an outward and downward slope movement of an abundance of slope-forming materials including rock, soil, artificial, or even a combination of these things.

An avalanche is a phenomenon of nature. It is linked to snow. When there is too much snow on a mountain, some of the snow may fall, causing damage to things in its path. This is called an avalanche.

Earthquakes

An earthquake is the result of a sudden release of energy in the Earth's crust that creates seismic waves.

Geological..

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Volcanic Eruptions

Volcanoes can cause widespread destruction and consequent disaster in several ways.

The effects include the volcanic eruption itself that may cause harm following the explosion of the volcano or falling rocks.

Secondly, lava may be produced during the eruption of a volcano, and so as it leaves the volcano the lava destroys many buildings, plants and animals due to its extreme heat.

Thirdly, volcanic ash, generally meaning the cooled ash, may form a cloud, and settle thickly in nearby locations. When mixed with water this forms a concrete-like material.

Hydrological..

6

Floods

A flood is an overflow of water that 'submerges' land. We can define a flood as a temporary covering the land with water which is usually not covered by water.

In the sense of 'flowing water', the word may also be applied to the inflow of the tides.

Tsunami

A tsunami, also known as a seismic sea wave or as a tidal wave, is a series of waves in a water body caused by the displacement of a large volume of water, generally in an ocean or a large lake.



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