

Natural disaster's global trends

Natural disasters are occurring more frequently because of climate change. Floods, earthquakes, tsunamis, and other severe weather are a few examples. The United States saw 18 different natural disasters in 2022, each of which cost at least \$1 billion. Behind the 22 incidents in 2020 and the 20 disasters in 2021, that amount places 2022 in a three-way match with 2017 and 2011 for the third-highest incidence of billion-dollar catastrophes in a single year.¹ As we can clearly see, natural disasters cause significant financial losses in addition to harming the environment and people.

Some of the natural consequences are out of our control, such as significant earthquakes brought forth by geological processes. In this circumstance, we must emphasize preparedness and response. The globe was recently horrified by an earthquake that occurred in Turkey. It is fatal for a few reasons, including a lack of preparation. Syria is less prepared than a location better used to dealing with earthquakes because it hasn't experienced a significant earthquake or any warning indications in over 200 years.

When a tsunami threatens, nations may set up their own alert warning system to notify locals via text messages and the media. Residents can therefore prepare before a deadly disaster. Another good example of the implementation of earthquake prevention steps, Japan is well known for its quake-resistant construction. Japan has survived multiple severe earthquakes that might have been catastrophic in other, less-ready nations. Because of engineering feats that make its structures earthquake resistant.²

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References:

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2. O'Malley A. Construction expertise from Japan: earthquake proof buildings. PlanRadar. Published May 27, 2022. <https://www.planradar.com/gb/japan-earthquake-proof-buildings/>