



# *TSUNAMI*

catastrophic natural phenomenon



# What is a tsunami?

Tsunami are long and high waves generated by a powerful impact on the entire water column in the ocean or other body of water as a result of a sharp displacement of lithospheric plates.

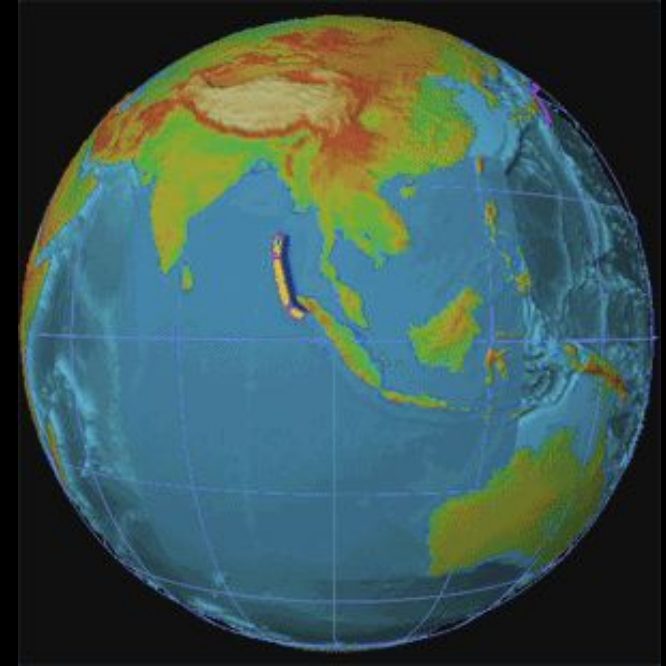
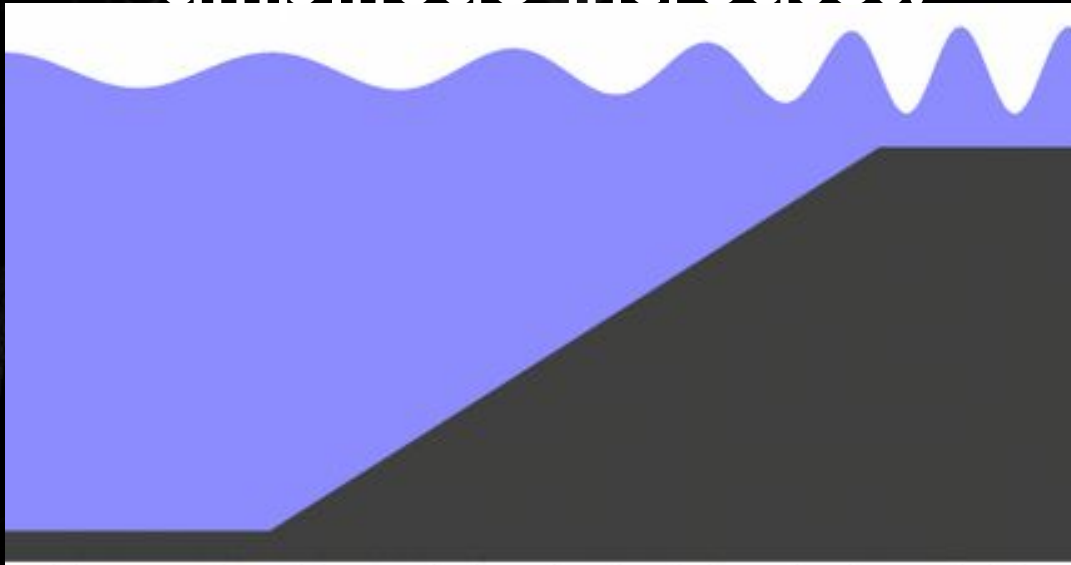
A tsunami wave affects the water from the bottom to the surface of the ocean, which is why even low-raised water can often lead to disasters.



# The causes of a tsunami are:

- underwater landslides;
- falling into the ocean or sea of meteorites, comets or other celestial bodies;
- volcanic eruptions (under water);
- underwater earthquakes;
- tropical cyclones, typhoons;
- excessively strong wind;
- testing of military weapons.

When a wave hits shallow water, it slows down and its amplitude increases.



Geomorphologic  
nature of the  
tsunami



# The consequences of the tsunami







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