

Name _____

Tidal Terror: The Effects of Tsunamis Triggered by Underwater Earthquakes

Short Answer Key

1. Underwater earthquakes can displace large amounts of water, creating a series of waves that become tsunamis when they reach shallow coastal areas.
2. Tsunamis transform as they approach shallower coastal areas by growing taller and moving faster due to the compression of their energy.
3. "Inland penetration" refers to tsunamis moving far into low-lying inland regions, causing flooding and damage.
4. Fast-moving currents and debris created by tsunamis can pose significant dangers to people and property, including the risk of injury and hindrance to rescue efforts.
5. Long-term effects of tsunamis on coastal ecosystems include the disruption of habitats and the displacement of marine life, often resulting from the destruction caused by the waves.

