

## Tsunamis Quiz PDF

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**What is the primary cause of most tsUNAMIs?**

- Hurricanes
- Underwater earthquakes
- Tidal waves
- Coastal erosion

**Which of the following regions are particularly vulnerable to tsUNAMIs? (Select all that apply)**

- The Mediterranean Sea
- The Pacific Ring of Fire
- The west coast of the Americas
- The Sahara Desert

**Which of the following is NOT a cause of tsUNAMIs?**

- Underwater volcanic eruptions
- Landslides
- Solar flares
- Meteoroid impacts

**In what ways can communities increase their resilience to future tsUNAMIs?**

**Which ocean is most commonly associated with tsUNAMIs due to its seismic activity?**

- Atlantic Ocean
- Indian Ocean
- Pacific Ocean
- Arctic Ocean

**How do scientists use predictive models to assess tsUNAMI risks?**

**Which year did the devastating Indian Ocean tsUNAMI occur?**

- 1999
- 2004
- 2011
- 2015

**Describe the role of ocean buoys in tsUNAMI detection and warning systems.**

**What are key elements of tsUNAMI preparedness? (Select all that apply)**

- Knowledge of evacuation routes
- StockPiling food
- Regular drills
- Building high walls along the coast

**Which of the following is a key component of tsUNAMI warning systems?**

- Weather balloons
- Ocean buoys
- Satellite images
- Wind turbines

**What is the typical speed at which tsUNAMI waves can travel across the ocean?**

- 50-100 km/h
- 100-200 km/h
- 200-300 km/h
- 500-700 km/h

**What improvements have been made due to lessons learned from past tsUNAMIs? (Select all that apply)**

- Enhanced early warning systems
- Better predictive models
- Increased solar panel usage
- Improved evacuation plans

**Which of the following are characteristics of tsUNAMI waves? (Select all that apply)**

- Short wavelengths
- Long wavelengths
- High speed in deep water
- Decrease in height near the coast

**What are some secondary effects of tsUNAMIs? (Select all that apply)**

- Long-term environmental changes
- Economic challenges
- Increased volcanic activity
- Social displacement

**Explain how underwater earthquakes can generate tsUNAMIs.**

**Which events can trigger a tsUNAMI? (Select all that apply)**

- Underwater earthquakes
- Solar eclipses
- Underwater landslides
- Volcanic eruptions

**Which country was most affected by the 2011 Tohoku tsUNAMI?**

- Indonesia
- India
- Japan
- Thailand

**What lessons were learned from the 2004 Indian Ocean tsUNAMI that have improved current tsUNAMI preparedness?**

**What is the primary hazard associated with tsUNAMIs?**

- High winds
- FloodING
- Lightning
- Hail

**Discuss the long-term environmental impacts that a tsUNAMI can have on a coastal region.**

