

Earthquake Articles 1 - 10 Questions

Article 1 – The Earthquake Machine: What 1906 Taught Us About How Earthquakes Work

1. What causes Earthquakes

Article 2 – Seismograms: Earthquake Fingerprints

1. Why are no 2 earthquakes the same?

Article 3 – Find the Fault: Recognizing Active Faults

1. What are faults?
2. What are some geological features that earthquakes can form?

Article 4 – Looking into the Past with Earthquake Trenches

1. How do geologists study earthquakes using the earth's crust?
2. What information about earthquakes can be found by studying the earth's crust?

Article 5 – When Will the Next Big One Hit? How do we Know?

1. What is the one current warning that scientists have about incoming earthquakes?

Article 6 – Liquefaction – When the Ground Flows

1. Explain the process of liquefaction.
2. How does liquefaction increase the dangers of an earthquakes?

Article 7 – Bay Area Tsunamis: Are We at Risk?

1. Explain what the hypocenter is.
2. How are tsunamis generated?

Article 8 – An Earthquake Scientist in Action: Jessica Murray

1. What do you think is the purpose of this article?

Article 9 – How Do We Make Buildings and Roads Safer?

1. If a building is being repaired according to seismic retrofit, what does that mean?
2. How are building seismically retrofitted today?

Article 10 - Putting Down Roots in Earthquake Country

1. What are some things that you can do to prepare for an earthquake?