

Earth's Dynamic Geosphere: Earthquakes Activity 1 - An Earthquake in Your Community

This investigation will help you to:

- Inquiring Further
- Learn more about Earthquakes
- Learn more about Earthquakes or Seismic Waves

Inquiring Further

To learn more about what a seismologist does at work, visit the following web sites:

What is Seismology? - Seismological Society of America

Brief History of Seismology - Southern California Seismic Network (SCSN)

Careers in the Geosciences: Seismologist - American Geosciences Institute

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Learn more about Earthquakes

"Glossary of Some Common Terms in Seismology" - USGS National Earthquake Information Center

Comprehensive list of terms frequently used in discussion of earthquakes. Also, some terms are linked to other sites allowing reader to gain further information.

"Frequently Asked Questions" - USGS Earthquakes Hazards Program

Covers a wide range of topics to give a good general overview of earthquakes. Additional links are provided if more information is desired.

"Where Do Earthquakes Occur?" - UPSeis from Michigan Technological University

Covers earthquake occurrences along plate boundaries and along fault planes. Reviews the different types of faults.

"Earthquakes - General Interest Publication"- USGS

This online publication is an excellent overview of earthquakes and includes a lot of good graphics and photos.

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Learn more about Earthquakes or Seismic Waves

"What is Seismology and What are Seismic Waves?" - UPSeis from Michigan Technological University

A bit more in-depth, this site reviews not only P and S waves, but also Love waves and Rayleigh waves.

University of Nevada Seismology Lab

Overview of seismic deformation and the different types of seismic waves. Also covers how seismic waves are measured and how their measurement can be used to determine where earthquakes originate.

Seismology, USGS

This online resource provides links for more information seismology, movies, simulations, and an online exercise.

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