

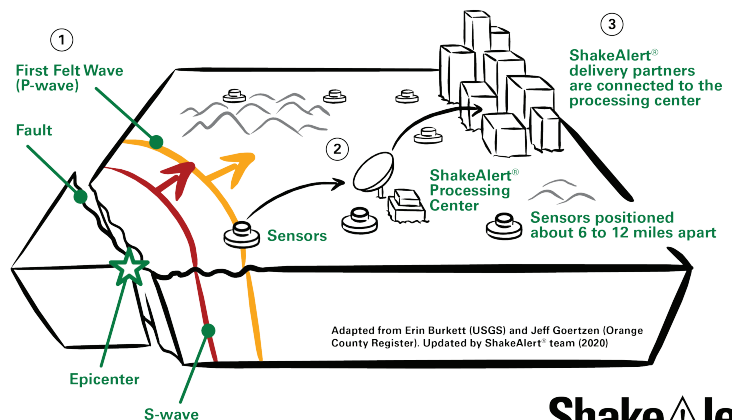
EARTHQUAKES and EARTHQUAKE EARLY WARNING

FREE Educational Resources!

What would you do if you and your students had 10 seconds of warning before earthquake shaking?

ShakeAlert® EARTHQUAKE EARLY WARNING BASICS

The **ShakeAlert® Earthquake Early Warning System** is a U.S. Geological Survey product that detects earthquakes quickly so that we may get a message before shaking happens. These alerts can prompt people to take protective action as well as trigger automated actions to protect systems and facilities.



More information about the system:
<https://tinyurl.com/ShakeKit>



What if your students could be prepared for the next big earthquake with understanding and confidence about what to do?

Teaching Tools iris.edu/ShakeAlert



◀ LESSONS & DEMOS

Access learning resources and instructional sequences to strengthen students' conceptual understanding of earthquakes and earthquake effects!

<https://tinyurl.com/ShakeLesson>

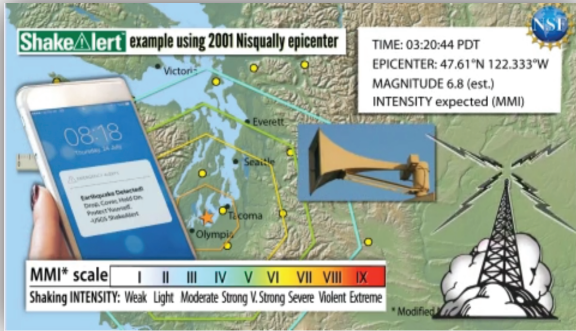
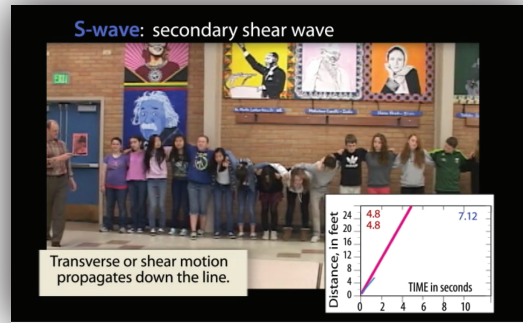
Topics in:

- Earth Science
- Physics
- Engineering
- Earthquake Preparedness

VIDEOS ▶

Concise video lectures for you or your students teaching how earthquakes happen and how scientists study them. Videos use understandable terms and common materials.

<https://tinyurl.com/ShakeLecture>



◀ ANIMATIONS

Select from over 100 animations ranging from novice to advanced levels to help teach Earth science fundamentals from plate tectonics to seismic waves

<https://tinyurl.com/ShakeAnimation>

Other Partner Resources

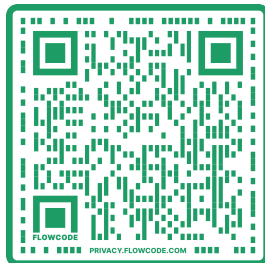


GAGE National Science Foundation's <https://www.unavco.org/education>
Geodetic Facility for the Advancement of Geoscience

SAGE National Science Foundation's <https://www.iris.edu/earthquake>
Seismological Facility for the Advancement of Geoscience

How can I connect my school to the ShakeAlert system?

Schools can use the ShakeAlert system to send earthquake alerts directly through their public address systems or other communications platforms. This could give students and staff time to protect themselves before shaking starts. Share a copy of this handout and learn more here:



What should I do if I get an alert?



ShakeAlert

Video: What to do when an earthquake strikes
<https://tinyurl.com/ShakeWhat2Do>

Contact

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ShakeAlert™ Because seconds matter.

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