

Free Resources

For Educators

Teachable Moments
Animations and Visualizations
Professional Development
Curriculum Resources

For Students

IRIS Earthquake Browser
Educational Software
Undergraduate Internship Program

For the Public

Seismic Monitor
Museum Displays
Distinguished Lecture Series

...and more on our website:

www.iris.edu/educate



Facilitate Collaborate Educate

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IRIS Education and Outreach



IRIS_EPO



IRIS_quakes



IRIS_templor



Join our mailing list:
www.iris.edu/hq/irised

IRIS, a consortium of more than 100 US universities, was founded in 1984 with support from the National Science Foundation. IRIS is dedicated to the operation of science facilities for the acquisition, management, and distribution of seismological data. IRIS programs contribute to scholarly research, education, earthquake hazard mitigation, and the verification of a Comprehensive Test Ban Treaty.

IRIS is a 501 (c) (3) nonprofit organization incorporated in the state of Delaware with its headquarters in Washington, DC.



The National Science Foundation is a major sponsor of the IRIS Consortium.



Education and Public Outreach

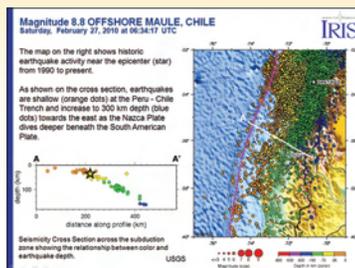


Advancing awareness and understanding of seismology and geophysics while inspiring careers in Earth Science

www.iris.edu/educate

Teachable Moments

- Produced within 24 hours of large earthquakes
- Integrated classroom-ready presentations to describe nature and science of the earthquake, including human impact and regional hazards
- Customizable for students' backgrounds
- Available in English and Spanish



Public Displays

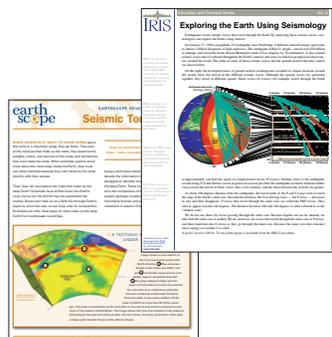
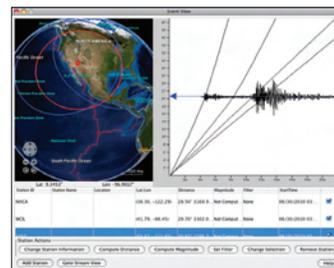
- Active Earth Display - designed for visitor centers, small museums, universities, schools
- Customizable Earth science content highlighting real-time data
- Permanent and traveling displays available for large museums



Curriculum & Resources

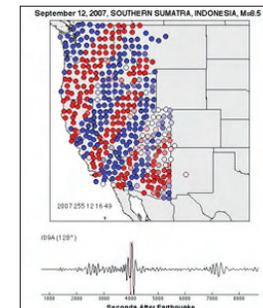
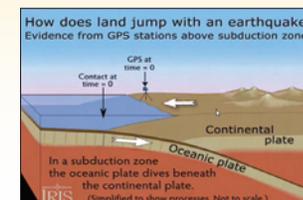


- Activities developed for K-12, undergraduate and graduate classrooms clarify basic seismologic concepts
- Interactive software promotes the successful use of seismographs and seismic data in the classroom
- Posters and information sheets provide fundamentals of seismology



Animations, Visualizations & Videos

- Explore complex Earth science processes through narrated animations and video lectures
- USArray Visualizations show how the ground moves as seismic waves sweep across about 400 earthquake recording stations in EarthScope's Transportable Array
- Over 100 animations and visualizations available online



Internship Program

- Summer program for undergraduate students
- Conduct exciting research with state-of-the-art geophysical data and leading researchers at IRIS institutions
- Learn, use, and evaluate technologies for the collection and study of geophysical data

