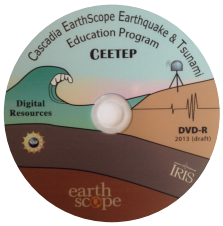
CEETEP – Related Digital Resources



The resources on the CEETEP DVD and website http://ceetep.oregonstate.edu/ include many items developed by or in collaboration with other organizations. Here we overview some of the partner and related organizations so you can access them directly.

1. IRIS – Integrated Research Institutes for Seismology

http://www.iris.edu/hq/programs/epo. In particular Animations (http://www.iris.edu/hq/inclass/search#type=1) on plate tectonics, seismology, GPS, earthquakes, and tsunami are added periodically (many of the best existing ones are on your CEETEP DVD and USB drive).

We will sign you up to receive IRIS Earthquake Teachable Moments http://www.iris.edu/hq/retm. These are earthquake notices send out within 24 hours of all magnitude 7 or larger earthquakes. Let your colleagues know so they can sign up too.

2. UNAVCO – runs the >1100 GPS stations for EarthScope

Find your closest GPS station using the Plate Boundary Observatory (PBO) network map (http://www.unavco.org/instrumentation/networks/status/pbo) Zoom in and then click on station of interest. A small box will open up. Click on the station name (blue) to go to the station website with data and photos. The data itself is in next to "Time Series Data:" and you would want "NAM08 CVS" (blue).

A variety of resources are at http://www.unavco.org/education/resources/resources.html. UNAVCO also has a Velocity Viewer (http://www.unavco.org/software/visualization/GPS-Velocity-Viewer/GPS-Velocity-Viewer.html) that shows velocity arrows, but not all the stations show automatically. You can select at the bottom to see all, but it is better to do after you zoom into the general area of interest.

3. TOTLE – Teachers on the Leading Edge

Many of the same resources available on your TOTLE DVD. TOTLE (https://wordpress.up.edu/totle/) was a previous K-12 teacher professional development program funded by EarthScope for Pacific Northwest. Great place to point colleagues to for easy access to resources.

4. Red Cross Emergency Planning Guide

Resources to develop an emergency plan for your family or workplace.

http://www.redcross.org/get-help/prepare-for-emergencies/be-red-cross-ready

5. Readiness and Emergency Management for Schools (REMS)

A wide variety of school readiness resources (http://rems.ed.gov/) including Teen CERT training webinar (http://rems.ed.gov/TeenCertEnhancingSchoolEmergMgrment.aspx).

6. Quake Catcher Network

This project provides simple seismic sensors to schools and other educational institutions (http://qcn.caltech.edu/). All the data from the >200 sensors around the world are freely accessible to anyone with a web connection. Students can have the chance to study seismographs from real earthquakes around the globe.

7. SHAKEOUT EARTHQUAKE DRILLS

Great ShakeOut (http://www.shakeout.org/) Earthquake Drills are an annual opportunity for people in homes, schools, and organizations to practice what to do during earthquakes, and to improve preparedness. A collection of ShakeOut-related visualizations http://visservices.sdsc.edu/projects/scec/).

8. PNSN – Pacific Northwest Seismic Network

PNSN monitors earthquakes in Washington and Oregon and is involved in working towards an Earthquake Early Warning System for the west coast. http://pnsn.org/

9. USGS – United States Geologic Survey

Earthquake Hazard Program has information about and maps of earthquakes around the world. Did you feel it? (http://earthquake.usgs.gov/earthquakes/dyfi/) – if you feel an earthquake, input data about the shaking you felt there. This is valuable citizen science that helps USGS research correctly model expect shaking for future quakes. Earthquakes for Kids has activities (http://earthquake.usgs.gov/learn/kids/).

10. Washington State Resources

Washington Department of Natural Resources has Earthquake (http://www.dnr.wa.gov/programs-and-services/geology/geologic-hazards/earthquakes-and-faults) and Tsunami (http://www.dnr.wa.gov/programs-and-services/geology/geologic-hazards/tsunamis) information pages which include links to things like Tsunami evacuation brochures for all coastal communities (http://www.dnr.wa.gov/programs-and-services/geology/geologic-hazards/tsunamis/evacuation) and interactive geologic and geohazard maps (http://www.dnr.wa.gov/geologyportal).

Washington Emergency Management Division has many videos that can be helpful in teaching about multi-hazard preparedness for schools and families – including some in Spanish, Russian, and more (http://mil.wa.gov/emergency-management-division).