Earthquake Science, Engineering & Preparedness Workshop for middle-level teachers

Saturday, February 27, 2016 – 9 am-5:30 pm
CWU Des Moines Center on the Highline Community College campus

For 5-9th grade science teachers from Pierce, King, and Snohomish counties

SPACE LIMITED
Online application available at http://ceetep.oregonstate.edu/psef
Deadline January 8, 2016 with rolling admissions starting December 1, 2015
Questions? Contact psitaula@geology.cwu.edu

- Gain Pacific Northwest earthquake science and preparedness teaching skills
- Receive extensive digital and physical resources for immediate classroom use
- Award-winning instructors
- All lessons are classroom tested and aligned to Next Generation Science Standards

The Pacific Northwest has fascinating active geology and ongoing science research; yet it can be challenging to learn about regional geology and earthquakes well enough to teach them effectively. Our communities face risks from earthquakes that could be greatly reduced through public education. This workshop will help you teach about the tectonics and earthquakes specific to this region, while empowering yourself and students to take positive actions rather than feel fear. Learning via interactive lectures, practicing classroom activities, and peer collaboration.

Funded by a Puget Sound Energy Foundation grant to Central Washington University Foundation. Cascadia EarthScope Earthquake and Tsunami Education Program is running this 1-day workshop with logistical assistance from the CWU Cascadia Hazards Institute.

Participants will receive:
1. Eight clock hours and $100 stipend
2. Materials for inquiry-based classroom studies of earthquake science and hazard mitigation, (DVDs with Earth science movies, animations and visualizations; resource box with materials for classroom demonstrations and activities; and collection of Pacific Northwest-focused maps and posters).
3. Opportunity to apply for school seismometer from the Quake Catcher Network.

Included Topics
- Plate tectonics & earthquakes
- On-going research about Pacific Northwest earthquake hazards
- Earthquake engineering solutions
- Earthquake mitigation and preparedness
- Hazards instruction with empowerment not fear