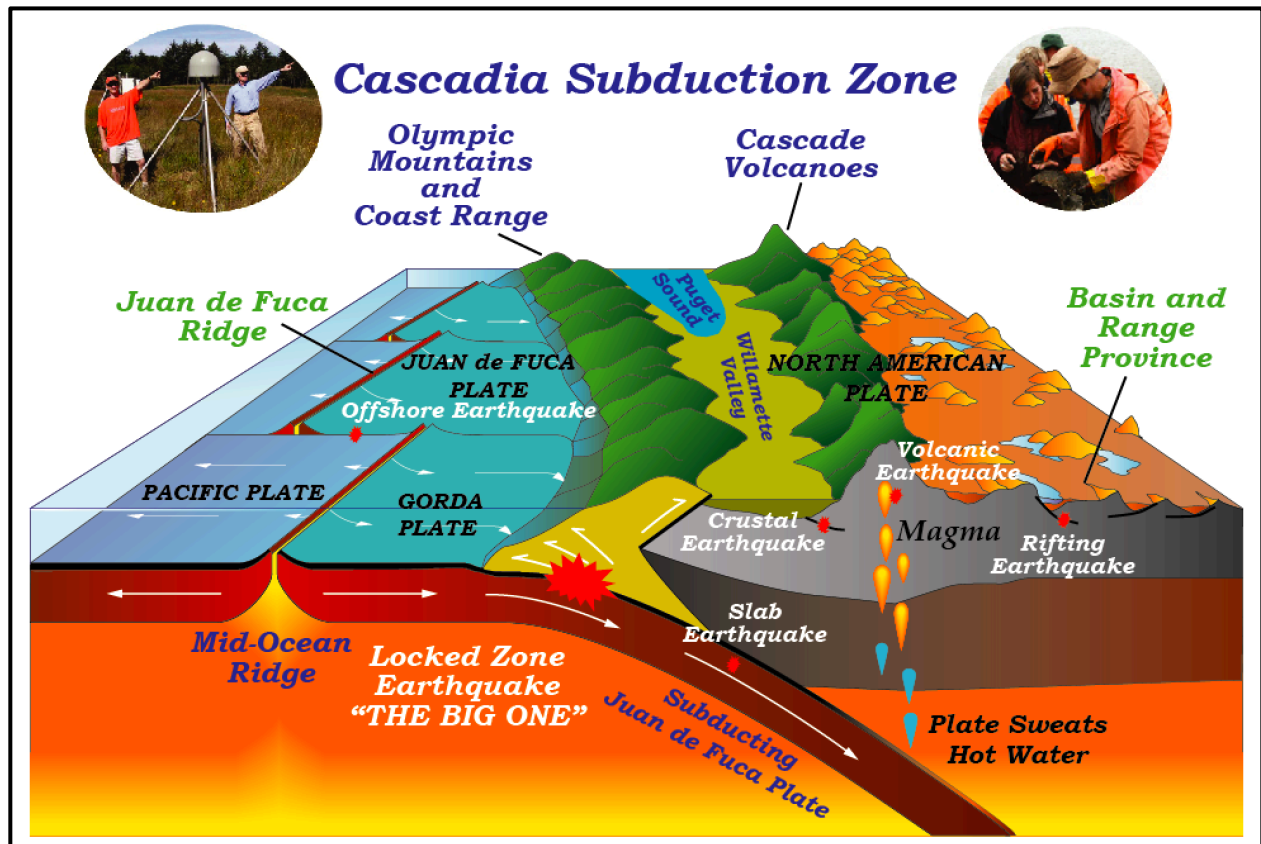


Cascadia Earthquake Education Online Course for Teachers – FREE!



Cost-Free K-12 Earthquake Science Professional Development Opportunity: The University of Portland STEM Education and Outreach Center offers a self-paced on-line Cascadia Earthquake Education course. The course is organized into four modules that introduce plate tectonics and earthquake science then apply this general knowledge specifically to Cascadia Earthquakes and Tsunamis. Within each chapter, a video lecture (or series of video lectures) introduces the topic, along with additional videos and animations. Most chapters contain lesson plans for classroom activities and demonstrations. These lesson plans were designed for middle school students but can be adapted to elementary, high school, and college levels. Each lesson plan specifies the Next Generation Science Standards addressed. Most lesson plans have an accompanying set of supporting resources such as student worksheets and answer keys. It is estimated that it will take about 28 hours to complete the course, so successful completion of the course will result in receipt of a certificate for 28 PDUs (28 clock hours for WA teachers). If you have an interest and would like to register for the course, please send your preferred email address to: Bob Butler, University of Portland Professor Emeritus, butler@up.edu. You will then receive information on how to access this free on-line course!