



Figure E1. Location of the attenuation boundary between east and west. The Joyner-Boore attenuation (1982) is used for all sources west of the boundary except for the Pacific northwest. In the Pacific northwest, the Youngs and Coppersmith (1989) attenuation is used for the Cascadia subduction zone and intraplate earthquakes. However, the Joyner-Boore (1982) attenuation is used for shallow earthquakes in the Pacific northwest.