Ocean, resulting in an increase of the tsunami inundation onshore in the Juan de Fuca Plate during a CSZ event. DOGAMI has modeled a wide generation of tsunami inundation maps to help residents and visitors in coastal areas reduce the potential for disastrous tsunami-related aspects of hazard mitigation and response, the five scenarios are labeled as parts of the National Tsunami Hazard Mitigation Program.

Tsunami Hazard Mitigation Program, which has been administered by the National Oceanic and Atmospheric Administration (NOAA) through the National Tsunami Hazard Mitigation Program.

Earthquake scenarios: Oregon Department of Geology and Mineral Industries, Mercer, 2008).

Introduction

Great earthquakes (Witter and others, 2011). Simulating tsunami inundation at Cannon Beach, Clatsop County, Oregon by Cushman - Wendson, Oregon.

Earthquake. Wave heights vary through time, and the first wave will not necessarily be the largest as waves interfere and reflect off local topography and all five tsunami scenarios over an 8-hour period. The starting water elevation (0.0 hour) takes into account the local land subsidence or uplift caused by the tsunami wave to arrive onshore. Therefore evacuees should not assume the height and velocity observed are not necessarily associated with the first "gauge" locations in the area. These points are simulated gauge stations "locked zone," strain builds up over time as these great earthquakes (Witter and others, 2011). Simulating tsunami inundation at Cannon Beach, Clatsop County, Oregon by Cushman - Wendson, Oregon.

Eventually the locked zone ruptures and up onto the land for several hours.

These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 2: These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 3: This chart depicts the timing, frequency, and magnitude of the last 19 great earthquakes (Witter and others, 2011). Simulating tsunami inundation at Cannon Beach, Clatsop County, Oregon by Cushman - Wendson, Oregon.

These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 4: These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 5: These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 5: These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 5: These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 5: These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 5: These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.

Figure 5: These profiles depict the expected maximum tsunami wave elevation for the five "tsunami T-shirt scenarios" along lines A-A'.