An increase in the amount of vertical displacement of the Pacific profiles show that there may be a steep splay fault running nearly that takes place when the North American Plate snaps westward over CSZ Model Specifications occurring over the next 30 years is 10% and that such earthquakes the range in time between these 19 events varies from 110 to 1,150 26, 1700. Sand deposits carried onshore and left by the 1700 event record indicates that at least 19 major ruptures of the full length of the recent CSZ event happened approximately 300 years ago on January

Displacement of water that creates a tsunami (Figure 2). Similar not smooth and continuous. Rather, the plates lock in place, and converging at a rate of about 1.5 inches per year, but the movement is

Understanding and mitigating this geologic hazard. Using federal

Administration (NOAA) since 1995. DOGAMI's work is designed to administered by the National Oceanic and Atmospheric National Tsunami Hazard Mitigation Program, which has been

All five tsunami scenarios over a 6-hour period. The starting water elevation (0.0 hour) takes into account the local land subsidence or uplift caused by the

Figure 5