The Oregon Department of Geology and Mineral Industries (DOGAMI) has developed a new generation of maps to help people understand and mitigate this geologic hazard. Using federal funding awarded by NOAA, DOGAMI has developed a new generation of maps to help people understand and mitigate this geologic hazard.

Distant earthquake/tsunami events have affected the Oregon coast: for example, offshore Alaska in 1964 and offshore Japan in March 2011.

The first scenario attempts to illustrate earthquake and tsunami scenarios involving M9.2 earthquakes originating near the Gulf of Alaska. The model uses extreme fault model parameters that result in maximum wave elevation profiles. The tsunami events involved M9.2 magnitudes, which are the largest earthquake scenarios ever modeled for the Pacific Northwest.

The tsunami damage in Oregon did not result in any loss of life; however, it caused $311 million in damages to infrastructure. The historical record shows that tsunamis have in fact affected the Oregon coast, with the estimated 750,000 to 1 million dollars in damage to bridges, houses, cars, boats, and sea walls. The greatest tsunami damage in Oregon did not result in any loss of life; however, it caused $311 million in damages to infrastructure. The historical record shows that tsunamis have in fact affected the Oregon coast, with the estimated 750,000 to 1 million dollars in damage to bridges, houses, cars, boats, and sea walls. The greatest tsunami damage in Oregon did not result in any loss of life; however, it caused $311 million in damages to infrastructure. The historical record shows that tsunamis have in fact affected the Oregon coast, with the estimated 750,000 to 1 million dollars in damage to bridges, houses, cars, boats, and sea walls. 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