**Introduction**

The Department of Geology and Mineral Industries (DOGAMI) of the State of Oregon, in cooperation with the National Oceanic and Atmospheric Administration (NOAA), has developed tsunami inundation maps for the Oregon coast. These maps provide information on the potential extent of inundation from tsunamis generated by distant events, including those that may occur off the coast of Alaska. The maps are part of a larger effort by the U.S. Geological Survey and other federal and state agencies to improve tsunami hazard mitigation and preparedness.

**Map Explanation**

This tsunami inundation map is based on hydrodynamic tsunami modeling by Joseph English. The map is designed to help cities, counties, and other sites in coastal Oregon prepare for tsunami events. The model parameters used in the simulation are based on the maximum seafloor uplift that would occur due to an event similar to the 1964 Alaska earthquake.

**Funding**

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**Data References**

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