This map is part of DOGAMI Open-File Report O-19-01, Summary Report on the Oregon Coastal Hospital Special Leadership Event.

Regional Resilience Planning Map
Columbia Memorial Hospital, Astoria, Oregon

Explanation of Symbols

Thumbnails generated by a Columbia Subduction Zone working group, based on data from 2011 (Hcompat, 2011)
- Small Tsunami Hazard Zone (SM)
- Medium Tsunami Hazard Zone (M)
- Large Tsunami Hazard Zone (L)
- Extra Large Tsunami Hazard Zone (XL)
- Extra Extra Large Tsunami Hazard Zone (XXL)

The representation zone is defined by the SM zone in Columbia Memorial Hospital evacuation route.

As of 2015

Tsunami Evacuation Route

Ways to Increase Tsunami Safety:

- Obtain site-specific tsunami inundation model
- Relocate hospital outside tsunami hazard zone
- Build new using the national model code on tsunami vertical evacuation structures
  - Addition
  - Platform or berm
- Improve emergency power system, including fuel supply, outside tsunami hazard zone
- Plan to access emergency water outside tsunami hazard zone
  - Ground water wells
  - Tanks
- Create new tsunami evacuation route
- Improve existing tsunami evacuation route

Other measures

More information at www.oregongeology.org

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