

# OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist



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## Is your family ready to survive an earthquake and tsunami?

**Portland, Oregon:** Recent earthquakes offshore of Japan and Chile and the Haiti earthquake remind us that we live in an unstable world and that everyone needs to be prepared for natural disasters. Scientific evidence suggests that there is a 10% probability that a Cascadia Subduction Zone event offshore Oregon will happen in the next 30 years.

To help raise awareness, Governor Kitzhaber has proclaimed [March 2012 as Earthquake and Tsunami Awareness Month in Oregon](#).

You cannot prevent the next earthquake, tsunami, or other disaster but you can get ready. Even under the best of circumstances, medical aid and first responders may not be able to reach you for hours, or even days. In a disaster, local resources can be overwhelmed. Japan is the most technologically-advanced country in the world, but **two weeks** after the earthquake and tsunami of March 11, 2011, some areas were only just being reached. It is our responsibility – as individuals, families, neighborhoods and communities – to reduce risks beforehand, prepare for the critical period immediately after the earthquake or tsunami and to make sure that planning for disasters has the high priority it deserves.



*Have you made sure that your family, friends, and neighbors will survive if an earthquake or tsunami strikes?*

The Oregon Department of Geology and Mineral Industries (DOGAMI) is funded by the NOAA National Tsunami Hazards Mitigation Program (NTHMP) to mitigate tsunami risk in Oregon by accurately mapping the tsunami inundation hazard zone, increasing awareness of where the zone is and what the warning signs will be for the approaching tsunami, and enhancing formal preparedness and evacuation planning with local authorities and stakeholders through its Tsunami Outreach Oregon campaign. Many events are planned for March – participate and learn how to be prepared!

Calendar of Earthquake and Tsunami Outreach Events on the Oregon Coast:  
<http://www.oregongeology.org/tsuclearinghouse/calendar.htm>

*DOGAMI's mission is to provide earth science information and regulation to make Oregon safe and prosperous.*

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Online tsunami evacuation maps and tsunami zone map viewer: [OregonTsunami.org](http://OregonTsunami.org)

[Living on Shaky Ground: How to Survive Earthquakes and Tsunamis in Oregon](#) – from Oregon Emergency Management

[The 2011 Japan earthquake and tsunami: Lessons for the Oregon Coast](#) – DOGAMI newsletter

### Contact Information:

For more information about DOGAMI's tsunami program and activities, contact:

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The Oregon Department of Geology and Mineral Industries is an independent agency of the State and has a broad responsibility in developing an understanding of the state's geologic resources and natural hazards. The Department then makes this information available to communities and individuals to help inform and reduce the risks from natural hazards, such as earthquakes, tsunamis, landslides, floods and volcanic eruptions. The Department assists in the formulation of state policy where an understanding of geologic materials, geologic resources, processes, and hazards is key to decision-making. The Department is also the lead state regulatory agency for mining, oil, gas and geothermal exploration, production and reclamation.

Learn more about Oregon's geology online: <http://www.OregonGeology.org>

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