



Prepared, Not Scared

Getting Ready for Disaster in Oregon

Oregon Rural Health Conference

18 OCT 2017

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Oregon Office of Emergency
Management



What's the Worst That Could Happen?

Naturally Occurring Hazards

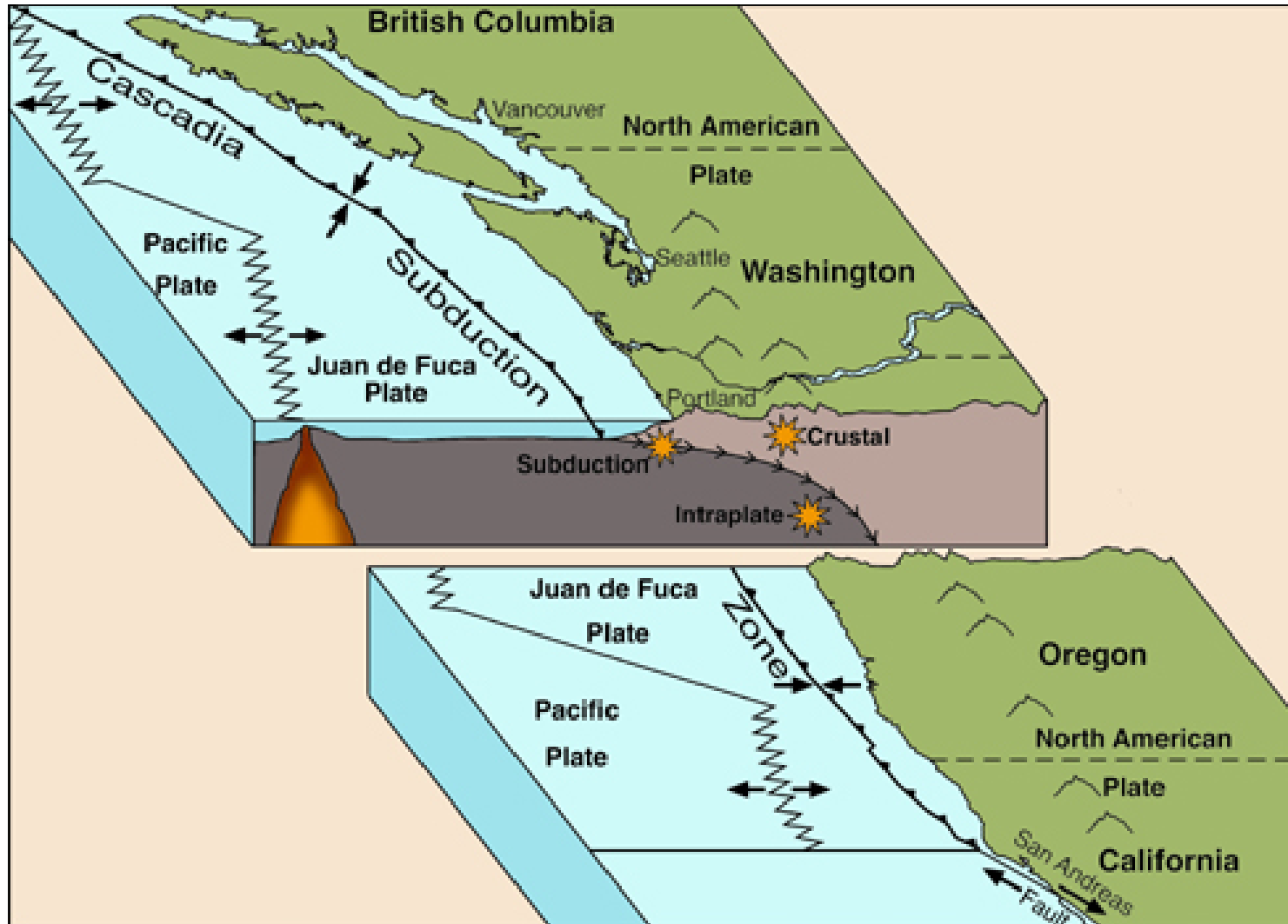
- Flood
- Wildfire
- Earthquake
- Tsunami
- Severe Weather
- Drought
- Tornado
- Winter Storm
- Pandemic
- Solar Storm
- Volcanoes

Human-Caused Hazards

- Cyber Incident
- Hazardous Materials Release
- Urban Conflagration
- Active Shooter/Mass Casualty
- Dam Failure
- Nuclear Power Plant Incident
- Civil Disturbance
- Act of Terrorism
- Transportation Incident



Cascadia Subduction Zone

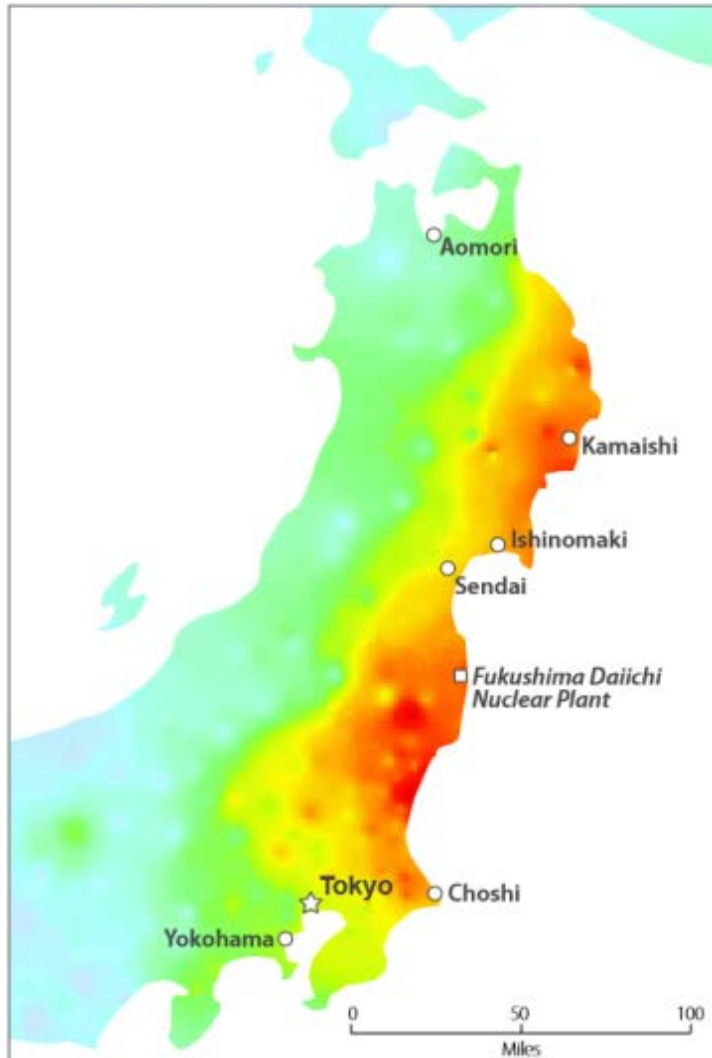


Graphic: University of Oregon

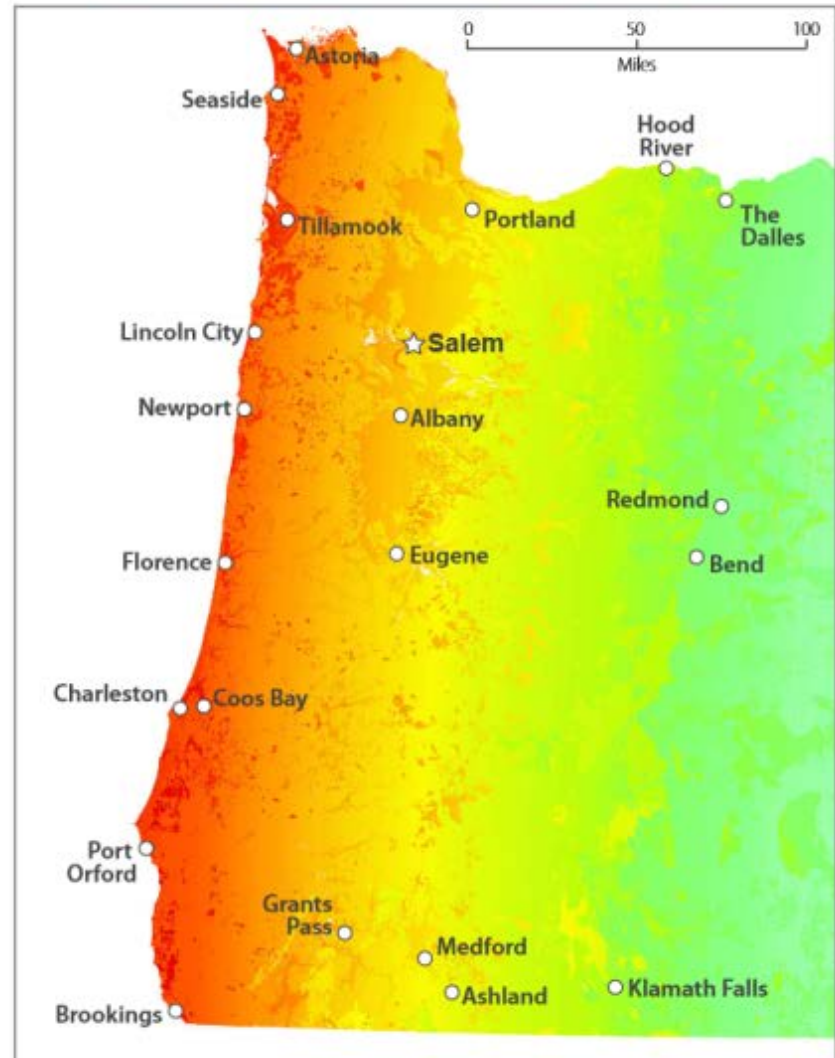


Cascadia Subduction Zone

ShakeMap for March 11, 2011 Tōhoku M9 earthquake



ShakeMap for SIMULATED M9 Cascadia earthquake



Graphic: DOGAMI



Cascadia Subduction Zone



- **9.0 m. Earthquake**
- **Impacts over 140,000 sq. mi.**
- **Ground shaking lasts up to 5 minutes**
- **Numerous aftershocks**
- **1,100+ Deaths from quake**
- **10,600+ Deaths from tsunami**
- **25,000+ injured**

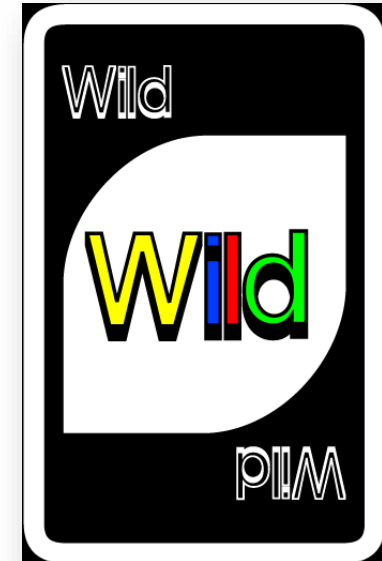




Cascadia Subduction Zone



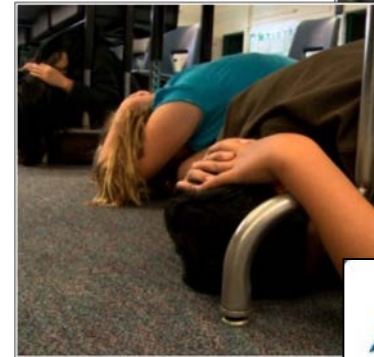
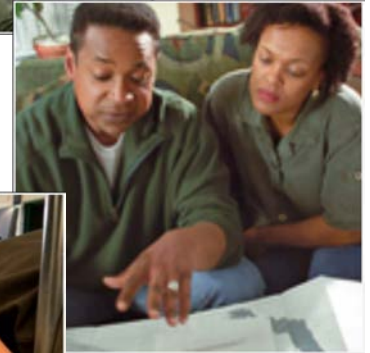
- **WILD CARD – Day or Night**
- **WILD CARD – Time of Year**
- **WILD CARD – Type of Earthquake**
- **WILD CARD – Depth of Earthquake**





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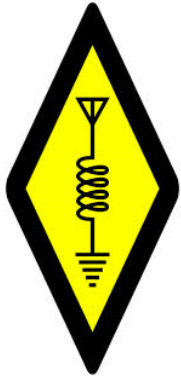
- **Community Action**
 - Plan for *all* disasters
 - Engage the entire community
- **Family Action**
 - Two weeks without outside help
 - Plan to communicate
 - Practice the plans
- **Active Response**
 - Drop, Cover, and Hold On
 - Evacuate, if in the tsunami hazard zone
 - Follow your plan





What would **YOU** do **2** minutes
hours
days
weeks
after Cascadia?

Get your family **2** WEEKS
READY



What you need to have
What you need to know
What you need to do

How to connect

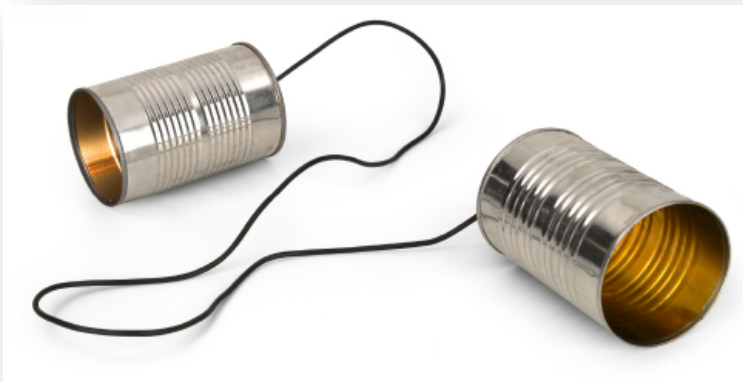
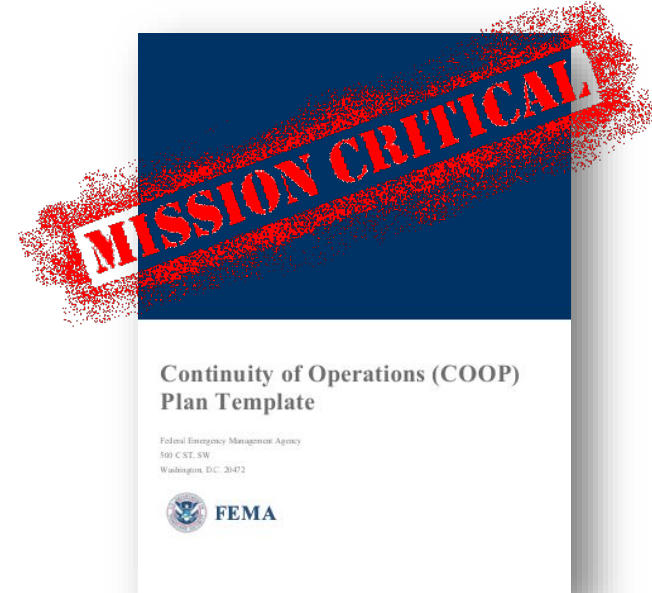




Continuity is Key!



- Continuity of Operations
- Redundant Systems
- Communications
- Data Back-up
- Can't help if YOU aren't prepared





Thank You!

