



Daniel Nibouar

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October 17, 2024

Board of County Commissioners
Clackamas County

Presentation Regarding Earthquake Preparedness and Clackamas County ShakeOut Drill

Previous Board Action/Review	Last presentation and drill held on October 17, 2024, at 10:17am.		
Performance Clackamas	1. Ensure safe, healthy, and secure communities		
Counsel Review	N/A	Procurement Review	N/A
Contact Person	Jamie Poole	Contact Phone	503-278-9150

BACKGROUND:

Oregon is earthquake country and Clackamas County knows this firsthand. In March 1993, the “Spring Break” quake roused many residents from sleep, damaging numerous homes and businesses, including severely damaging Molalla High School. State-wide, increasing attention is being given to the Cascadia Subduction Zone off the Oregon coast and the potential for a magnitude 9.0 great earthquake.

Clackamas County is complying with Oregon Revised Statue (ORS) 401.900 by requiring all employees to participate in this annual earthquake drill to practice drop, cover and hold on. Residents, and businesses are encouraged to participate. We encourage residents and businesses to take time to conduct a safety inspection to identify and mitigate potential falling hazards at home or work. We also encourage everyone to learn more about ShakeAlert and earthquake early warning phone applications.

RECOMMENDATION:

Presentation only, recommendation is for all County employees to participate in the October 17, 2024, drill at 10:17am.

Respectfully submitted,

Daniel Nibouar
Disaster Management Director

2024 ShakeOut BCC Presentation

- At 10:17 am today all county employees will participate in the ShakeOut drill.
- Oregon Revised Statute (ORS) 401.900 requires all state and local agencies to participate in an annual DCH drill. Residents and businesses are encouraged to take part in the drill as well.
- Drop, Cover, and Hold On is the correct protective action to take – we will watch a video in a moment, that will demonstrate the appropriate action for various situations.
- There are over 1000 earthquakes in Washington and Oregon every year, with at least two dozen being large enough to be felt.
- There were two large crustal earthquakes in Oregon in 1993, Scotts Mills (magnitude 5.6) and Klamath Falls, main shocks (magnitude 5.9 and magnitude 6.0).
- The impacts of a Cascadia Subduction Zone earthquake would be wide reaching.
- This is why in addition to knowing and practicing this protective action, we recommend every employee and community member have a family disaster/emergency plan, as well as items to live off of for two weeks
 - o Home kit – 2 weeks of food water, shelter, disaster sanitation
 - o Vehicle kit – items to either shelter in place, or to use to get to family meeting place
 - o Work kit – items to be able to shelter at work.
- ShakeAlert in Oregon overview
 - o Early warning system
 - Detects earthquake and disseminates alerts ahead of the shaking arriving
 - Depending on location of the earthquake and your location you may receive up to 10s of seconds warning via Wireless Emergency Alert or via the MyShake Alert app
 - More info at ShakeAlert.org
- A quick video will now play demonstrating how to Drop, Cover, Hold.
[{VIDEO PLAYS AROUND TIME OF DRILL}](#)