

# The Washington State Earthquake & Tsunami Hazard Mitigation Programs: Collaborating with our Partners to Build a more Resilient Washington



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NEPM Meeting

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Washington Military Department  
Emergency Management Division



National Tsunami Hazard  
Mitigation Program



WASHINGTON STATE DEPARTMENT OF  
Natural Resources

# The Resilient Washington State Initiative

## Resilient Washington State



A Framework for Minimizing Loss  
and Improving Statewide Recovery  
after an Earthquake

November 2012



Also published as Information Circular 114 by the Division of Geology and Earth Resources, Washington State Department of Natural Resources

- Continuing to examine cost effective implementation strategies.
- Proposal for a Governor's Subcabinet in development
- Vertical evacuation recommendation in progress






# 2<sup>nd</sup> Annual Great Washington ShakeOut:

Drop, Cover, Hold Drill & Coastal Tsunami Warning Siren Test

October 17, 2013



# Year 2 ShakeOut Results:

- Get Washington's kids (and their families) prepared!
- Increased public awareness & preparedness for earthquake & tsunami hazards!
- **880,356** registered for ShakeOut drills in 2013.
-  of **170,000** participants from the inaugural Washington ShakeOut in 2012.
- **90%** successful test of tsunami warning sirens.
  - Important finding regarding State EOC activation of sirens.
  - Without this test, issue would not have been identified and immediately corrected.



# Pre-Drill Awareness Campaign

## Target Market/Audiences:

- Schools
- Residents
- Lodging Establishments
- Media Outlets
- PSAs developed by WAEMD & NOAA
- Press Releases issued by WA EMD & Local Jurisdictions
- Bought media on KOMO television to promote EQ safety





# USGS/PNW School EQ Safety Video Series

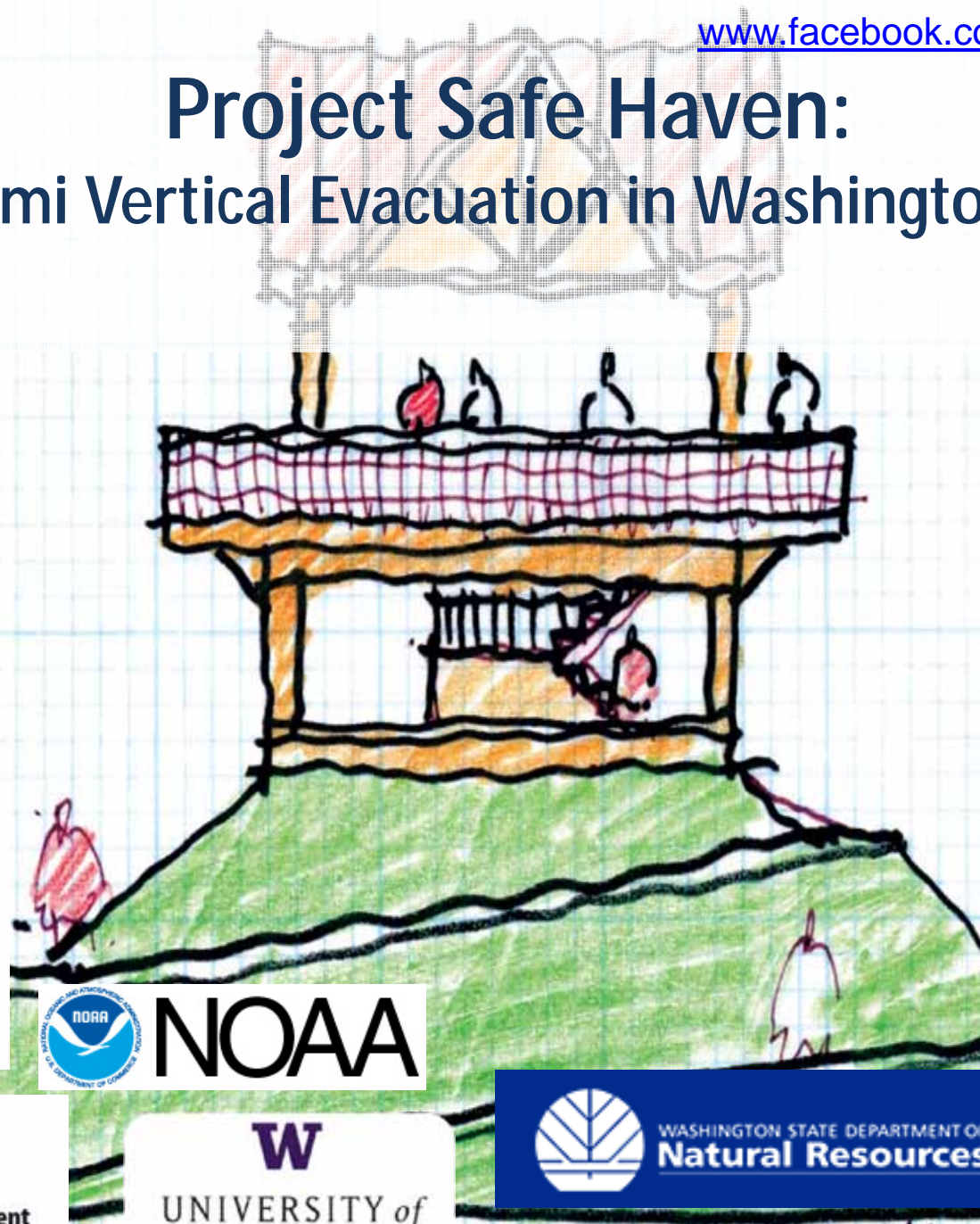
Washington EMD, the Washington State Office of the Superintendent of Public Instruction (OSPI), and United States Geological Survey developed a new earthquake and tsunami safety video for Pacific Northwest and Alaska K-12 teachers.



This new teacher resource was developed in collaboration and partnership with the states of Alaska and Oregon in an effort to coordinate and help standardize earthquake and tsunami safety messages and actions in the primary and secondary educational systems.



# Project Safe Haven: Tsunami Vertical Evacuation in Washington State



National Tsunami Hazard  
Mitigation Program



NOAA



Washington Military Department  
Emergency Management Division



UNIVERSITY of  
WASHINGTON



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Natural Resources



FEMA



USGS

science for a changing world

ron KASPRIS



# Ocosta Elementary School – The First Tsunami Vertical Evacuation Refuge in the U.S.





# Ocosta – Plan View

