



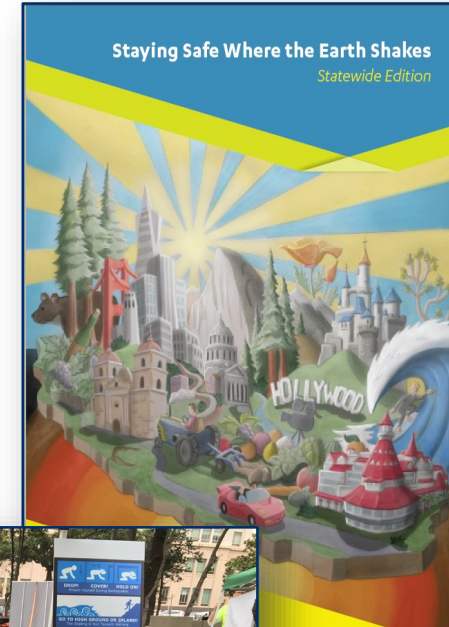
Seismic Hazards Preparedness

A Walkthrough of Cal OES' Seismic Hazards Branch and other Seismic Preparedness and Response Activities

Lori Nezhura
Deputy Director
Planning, Preparedness &
Prevention

SHB Preparedness Materials and Outreach

- Staying Safe Where the Earth Shakes booklet
- Rocket's Earthquake Safety Adventure
- Under bed bags
- Tsunami evacuation kit bookmarks
- Earthquake bracing for mobile homes handout
- Presentations available on request: DWR, DGS
- Annual participation:
 - SF Fleet Week
 - Pebble Beach
 - Loyola Marymount
 - Cal OES Preparedness Day
 - ShakeOut
 - Humboldt County Fair



Great ShakeOut

- 2020 Participation = 6.5 Million
- All categories reflected some level of participation
- Preparedness email with links sent to State Agencies
- Director's message distribution via email
- Basic guidance for the drill during COVID was available in English and in Spanish on the www.Terremotos.org website
- COVID: Expanded drill guidance and presentations
- Governor's letter of support
- Governor's video message



Earthquake Preparedness

Collaboration with Earthquake Country Alliance, NEHRP Funding

- Safer at Home webinars - 7 Steps to earthquake safety
- So Cal and Bay Area Regional mini-grants
- Preparedness materials moving to AFN compliance
- Update of the www.Terremotos.org website
- Translations completed for more materials in Spanish
- NEHRP FY20 funds will support increased translation
- Development of the Mobile Fastening Lab
- Support of Small Business Preparedness

Tsunami Preparedness

- World Tsunami Awareness Day – November 5
- Tohoku Commemoration – 10th Anniversary
- Tsunami Preparedness Week - March 2021
- Tsunami Inundation Maps

Tsunami Evacuation Routes

Familiarize yourself with evacuation routes, landmarks, and flood areas. Plan secondary routes as backup.

Official Tsunami Warning

Warnings are issued due to the imminent or expected threat of a tsunami typically called when forecasted tsunami amplitudes are equal to or greater than 1m (3ft). If you receive a tsunami warning:

1. **MOVE** to higher ground or inland beyond the Tsunami Hazard Zone.
2. **SEEK** further information from local radio, social media, or television stations.
3. **FOLLOW** directions from emergency personnel. **DO NOT CALL 911.**

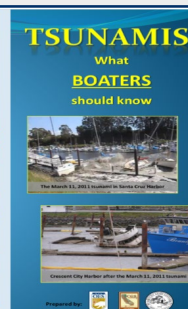
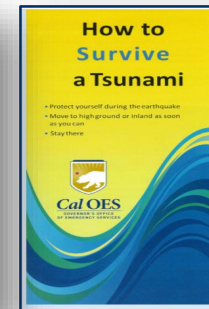
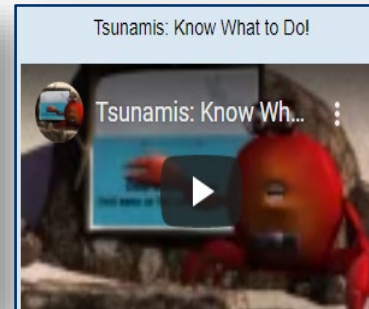
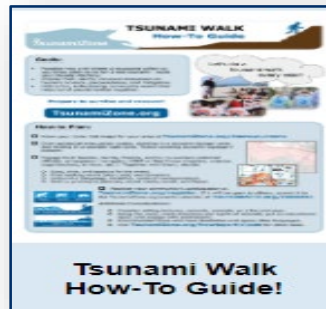
Get connected

City of Hermosa Beach
www.hemosabeach.gov
Twitter: @HemosabchCity
Facebook: CityofHermosaBeach
Register for South Bay Alerts (It's free):
Text "ALERTSB" to 888777

For more information, visit tsunami.gov

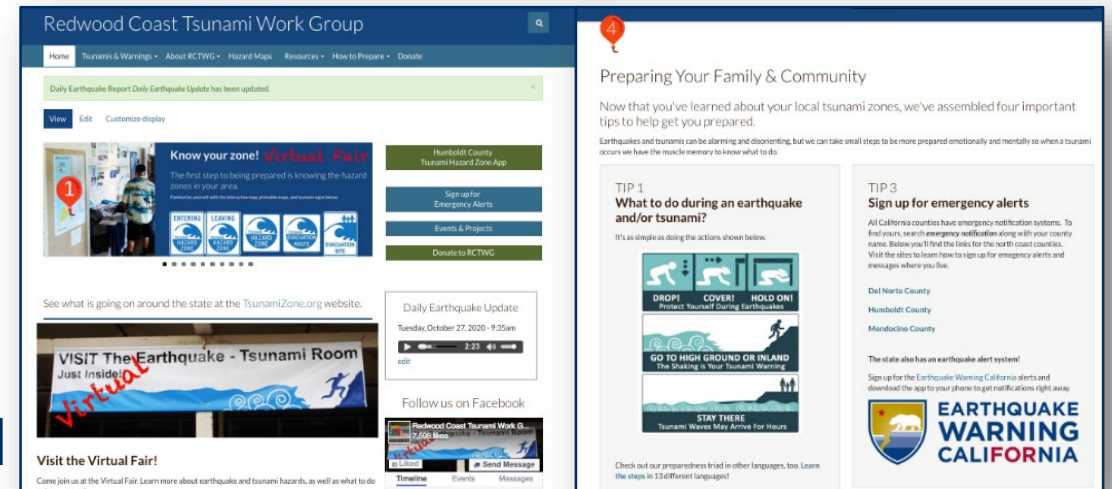
Tsunami Outreach & Education

- Tsunami Program repository for education and outreach materials:
<https://www.tsunamizone.org/>
- Website translated into Spanish and French
- Coordination and registration for Tsunami preparedness week activities
- Outreach Materials:
 - Brochures
 - CGS – Note 55
 - Preparedness and Instructional Videos
 - Resource Cards
 - Bookmark
 - Posters



Redwood Coast Tsunami Work Group

- Important long-term North Coast Partner
- Member of the Earthquake Country Alliance
- Humboldt County Fair
- All benefitting from the continued support of Lori Dengler, a trusted community member and educator



<https://rctwg.humboldt.edu/virtual-fair>

Hazus Loss Estimate Projects

An important motivator of Preparedness is understanding the risk at the federal, state, and local levels:

- Statewide Tsunami Loss Library
 - 20 Coastal County Assessments Complete
 - NTHMP funded project
- Statewide Earthquake Loss Library
 - Update to 2009 products
 - HMGP funded project
- Cascadia Rising 2022 – Multi State Partnership



FEMA



State of the Art Modeling Software and Databases



Casualty and Economic Damage Estimate Maps, Reports, and Figures for Preparedness, Response, and Mitigation Planning

**EARTHQUAKE
WARNING
CALIFORNIA**



To be presented by Rachel Sierer-Wooden...