



Cascadia Rising 2022

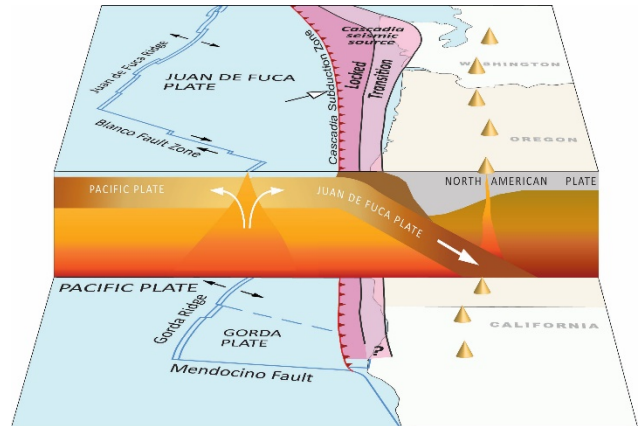
Cascadia Subduction Zone

Catastrophic Earthquake and Tsunami Exercise

The Exercise Scenario

A 9.0 magnitude Cascadia Subduction Zone (CSZ) earthquake ripping across the 700-mile CSZ fault line occurs on average once every 200 to 500 years. The last major CSZ earthquake and tsunami occurred in 1700. Recent subduction zone fault earthquakes around the world underscore the similar challenges we will face when the next CSZ earthquake and tsunami occurs in our region:

- Indonesia (2004): M9.1; 228,000 deaths
- Chile (2010): M8.8; 500 deaths
- Northeast Japan (2011): M9.0; 18,000 deaths



The Explorer, Juan de Fuca, and Gorda Plates are being forced under the North American Plate

Purpose: Improving Joint Operations

Conducting successful life-saving and life-sustaining response operations in the aftermath of a Cascadia Subduction Zone disaster will hinge on the effective *coordination* and *integration* of governments at all levels – cities, counties, state and Federal agencies, the military, tribal nations, non-government organizations and the private sector. One of the primary goals of the Cascadia Rising 2022 exercise is to build upon the lessons learned from the Cascadia Rising 2016 exercise and continue to train and test the whole community approach to complex disaster operations together as a joint team.



Ramp-Up Exercise Events

Various seminars and workshops will be conducted as ramp-up events throughout the Pacific Northwest to bring together emergency management and response officials from all levels to share information on disaster plans, procedures, and processes in preparation for the culminating exercise.



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Cascadia Rising 2022 Exercise

Cascadia Rising 2022 the exercise series will be a 4-day Functional Exercise to occur **June 13-16, 2022**, in which Emergency Operations Centers (EOCs) / Emergency Coordination Centers (ECCs) at all levels of government and the private sector will activate to coordinate simulated field response operations both within their jurisdictions and also with neighboring communities, the states of Washington, Oregon, Idaho, FEMA, and major military commands.

Capabilities Tested



Operational Coordination

Demonstrate the ability to establish operational control and coordination structures within the impacted region to include the mobilization, employment, and sustainment of critical internal and external response resources to meet basic survivor needs and stabilize the incident.



Infrastructure Systems

Demonstrate the ability to stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community.



Mass-Care Services

Demonstrate the ability to coordinate and deliver life-sustaining services to disaster survivors with a focus on hydration, feeding, emergency sheltering, evacuations, and donations and volunteer management.

Exercise Participants

Local, state, and Federal agencies, tribal nations, private sector, and non-governmental organizations across three states - Washington, Oregon, and Idaho - will be participating in the four-day Cascadia Rising 2022 Exercise. Other key partners include National Guard and Department of Defense.

For more information contact FEMA Region 10 at FEMA-R10-Exercises@fema.dhs.gov