



## EMERGENCY MANAGEMENT DIVISION

*"A disaster-ready and resilient Washington State"*

# CASCADIA RISING

2022

## Cascadia Rising 2022 Exercise Series Outreach Program

As of: 23 April 2019



# Exercise Disclaimers

- **Details are not set in stone**
- **A request for a National Level Exercise (NLE) has been submitted by Region X states to FEMA**
  - FEMA has not issued a NLE designation for 2022
  - Cascadia Rising 2022 Exercise will be executed with or without the NLE designation
  - If we receive the NLE designation recovery components will be required, and federal staff/contractors will assist state exercise staff



## **Cascadia Rising 2022 Exercise Overarching Purpose**

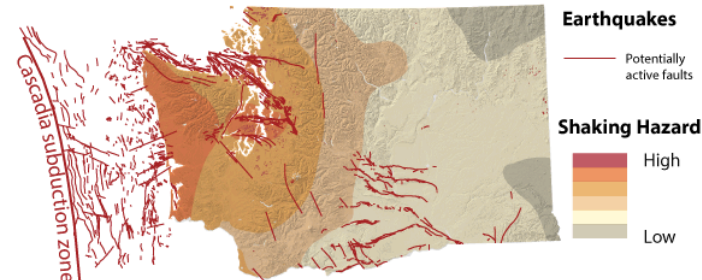
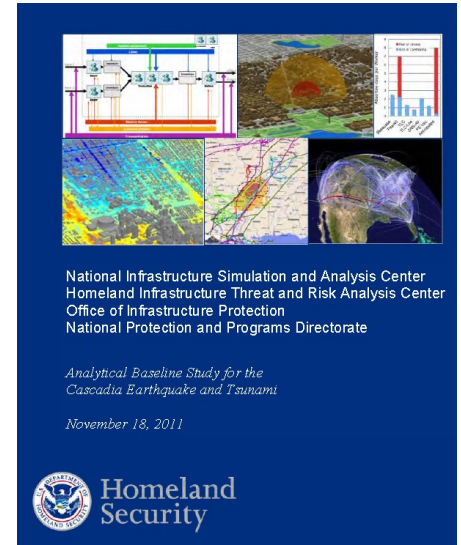
**Test the organized response phase of the state catastrophic plan (and response core capabilities delivered by the plan) and the Washington State Restoration Framework (Recovery) in conjunction with neighboring states and regional plans.**



## Scenario

### Science-based efforts drives planning and exercises efforts for scenarios and planning assumptions:

- Risk assessments:
  - HITRAC FEMA
  - HAZUS for earthquakes and tsunamis FEMA
  - M9 tsunami modeling UW/USGS
  - Tsunami modeling with DNR/UW/NOAA
  - RRAPs
    - Transportation (completed)
    - Water (started)
    - Airports (proposed)
- Collaboration effort between Emergency Management Division, Department of Natural Resources, National Guard, FEMA, USGS, UW, CREW and others.





# **State Priorities: Life-Saving & Life-Sustaining Strategies**

- **Critical Transportation**
- **Mass Care Services**
- **Public Health, Healthcare, EMS, and Fatality Management**
- **Critical Infrastructure – Utilities Restoration:**
  - Energy
    - Fuel
    - Power Grid
  - Water and Waste Water
  - Information Communications Technologies



# Exercise Concept: Proposed Exercise Objectives

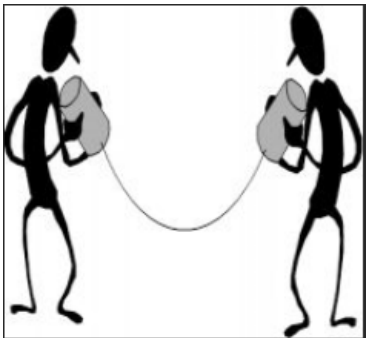
## Operational Coordination

- Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities



## Operational Communication

- Ensure the capacity for timely communications in support of security, situational awareness, and operations, by any and all means available, among and between affected







## Exercise Concept: Proposed Exercise Objectives (cont.)

### Situational Awareness

- Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response



"Let's hold off making a decision until we have even more information we don't really need."



# Exercise Concept: Proposed Exercise Objectives (cont.)

## Logistics and Supply Chain Management

- Deliver essential commodities, equipment, and services in support of impacted communities and survivors, to include emergency power and fuel support, as well as the coordination of access to community staples. Synchronize logistics capabilities and enable the restoration of impacted supply chains







## Exercise Concept: Proposed Exercise Objectives (cont.)

### Critical Transportation

- Provide transportation (include infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of people and animals and the delivery of vital response personnel, equipment, and services into the affected areas



### Mass Care Services

- Provide life-sustaining and human services to the affected population, to include hydration, feeding, sheltering, temporary housing, evacuee support, reunification, and distribution of emergency supplies

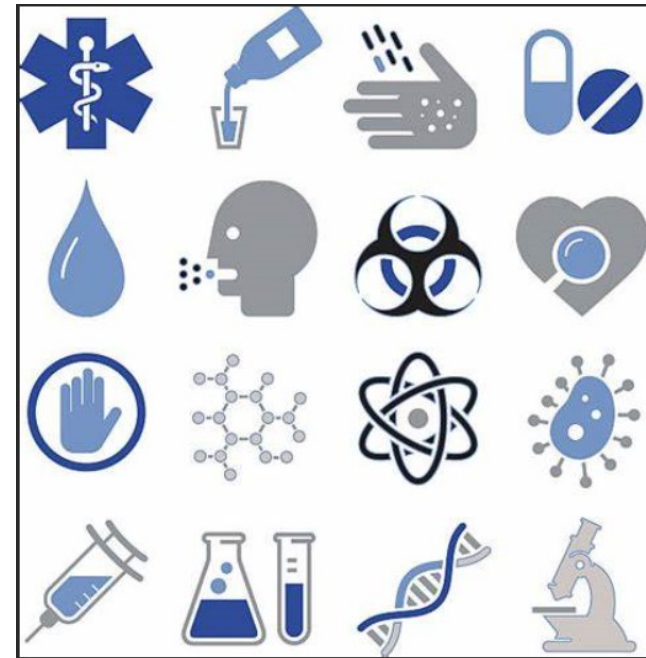




## Exercise Concept: Proposed Exercise Objectives (cont.)

### Public Health, Healthcare, EMS, and Fatality Management

- Public Health, Healthcare, and EMS: Provide life-saving medical treatment via Emergency Medical Services and related operations, and avoid additional disease and injury by providing targeted public health, medical, and behavioral health support and products to all affected populations
- Fatality Management: Provide fatality management services, including decedent remains recovery and victim identification and work with local, state, tribal, territorial, insular area, and federal authorities to provide mortuary processes, temporary storage or permanent internment solutions, sharing information with mass care services for the purpose of reunifying family members and care givers with missing persons/remains, and providing counseling to the bereaved

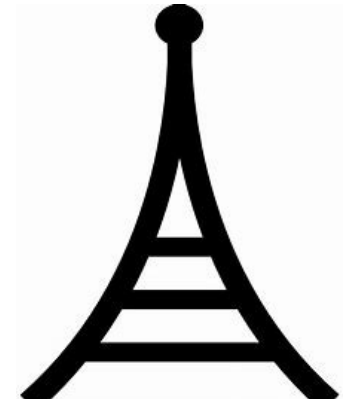
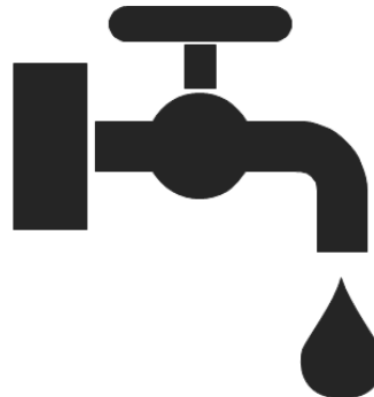




## **Exercise Concept: Proposed Exercise Objectives (cont.)**

### **Critical Infrastructure – Utilities Restoration for Energy, Water and Waste Water, and Information Communications Technologies**

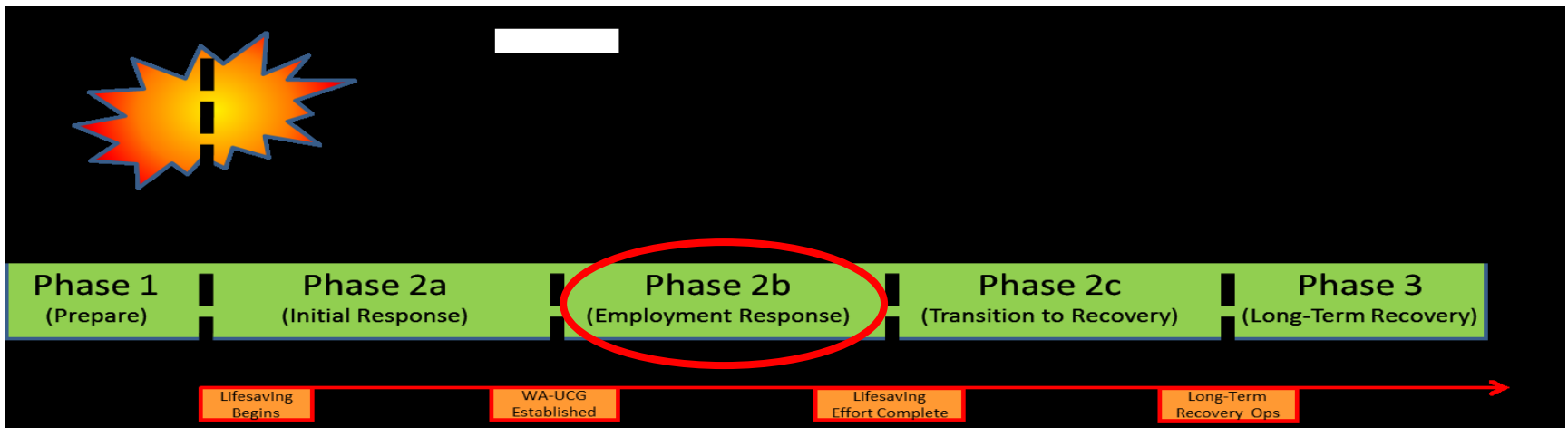
- Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable resilient community





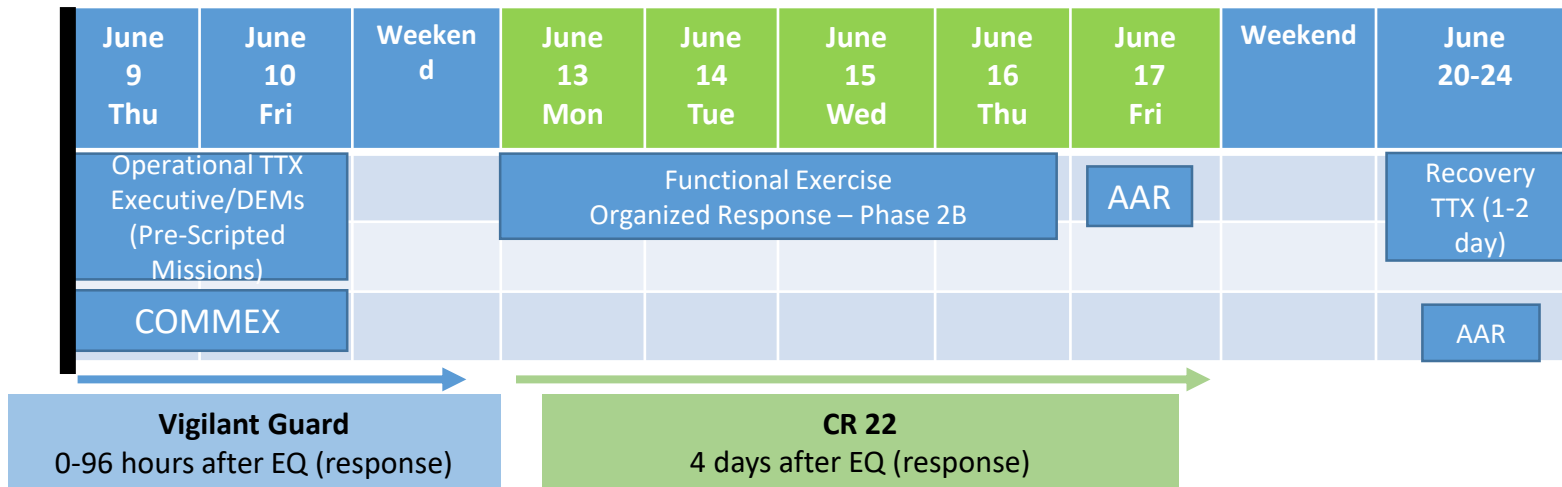
## Exercise Concept

- **Joint Exercise: Civilian-Military-Local-Tribal-State-Federal**
- **Flexible Pieces: TTX, COMMEX, Functional**
- **State activation in Phase 2B: response (about Day 4 after the earthquake)**
- **Sequence: Alert/Comms – Response – Recovery**





# Exercise Concept: Proposed Timeline



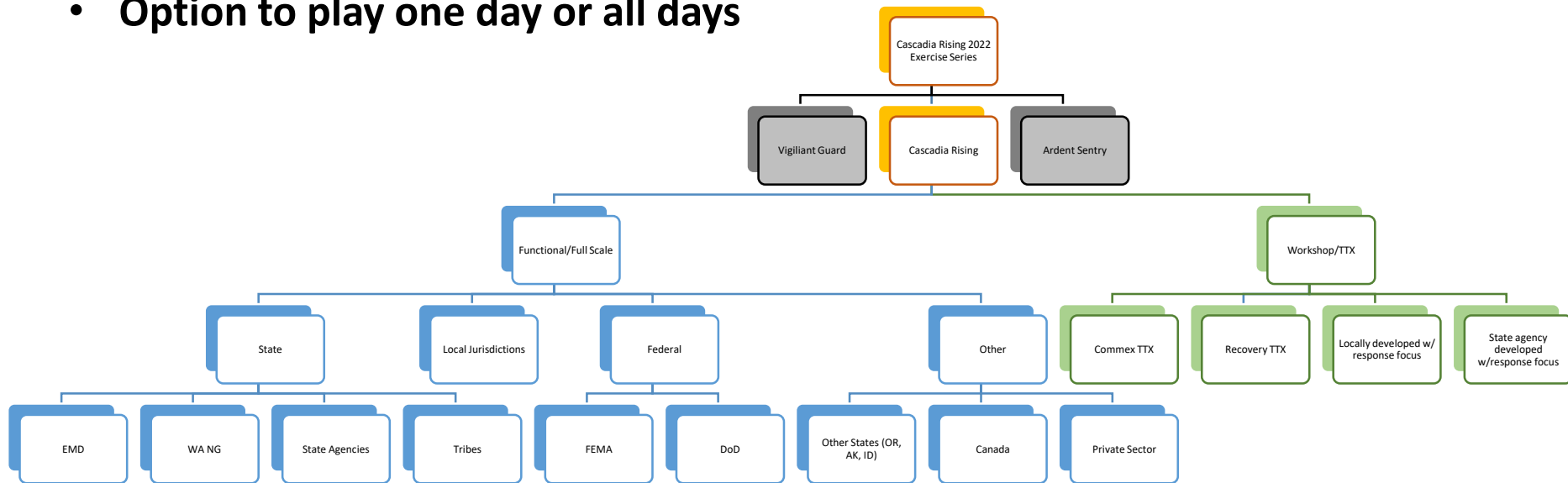




## Exercise Concept: Tracks

### Exercise Play Options:

- Workshops, TTXs, Functional, Full-Scale
- Option to play one day or all days

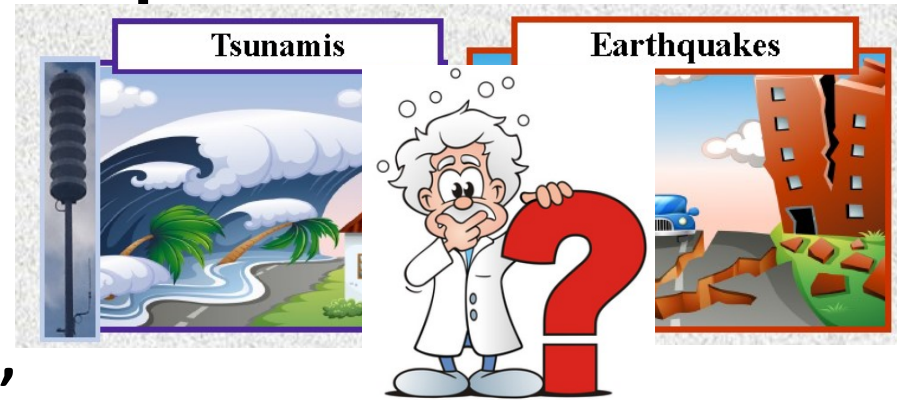


**\*Participation engagement is driven by the participant needs to validate and evaluate plans.**



## Exercise Concept: Expectations

- **Completed plan(s)**
- **Follow scientific-based scenario selected for exercise**
- **EMD will provide core capabilities, objectives, critical tasks, scenario, ExPlan, timeline, and possible simcell support**
  - Players will be responsible for designing their own exercise and/or objectives
  - Coordination and collaboration is the responsibility of all participants
  - Participate in planning meetings





## Exercise Concept: Players

- \* **All are welcome to play**
- **Confirmed players include:**
  - FEMA Region X
  - Canada
  - Washington State Agencies
  - Counties, Cities, Tribes,
  - Businesses within Washington
  - Washington National Guard
  - Oregon Emergency Management
  - Oregon National Guard
  - Idaho Emergency Management
  - Alaska Emergency Management





# Annual Ramp-Up Activities



- **ShakeOut**
- **Tsunami Workshops and Drills (coast & inner coast)**
- **Fractured Grid and GridEx (electrical)**
- **Communications Drills (ARES/RACES)**
- **State Training and Exercise Planning Workshop**
- **Additional HSEEP Courses have been added to assist with exercise design capabilities and capacities**
- **Lahar Exercises**
- **Sheltering Exercises**
- **FEMA Region X Planning Meetings (C&O, IPM, MPM, MSEL, FPM, and AAR)**
- **State and Federal Synch Meetings**
- **State led HLS/County/Tribal Exercise Planning Meetings**
- **MEPP**



## Closing

- **Cascadia Rising 2022 Exercise is projected to be in June 2022**
- **All are welcome to participate**
- **The scenario is science-based**
- **The exercise will test plans**







# Contact Information

## **Courtney Rose**

Exercise Program Manager  
Washington State Emergency  
Management Division  
253-512-7040  
Courtney.Rose@mil.wa.gov

## **Serena Segura**

Catastrophic Planner  
Washington State Emergency  
Management Division  
253-512-7120  
Serena.Segura@mil.wa.gov

## **Ed Taylor**

Assessments and Exercise  
Supervisor  
Washington State Emergency  
Management Division  
253-512-7137  
Ed.Taylor@mil.wa.gov

## **Sue Vezeau**

Preparedness Section Manager  
Washington State Emergency  
Management Division  
253-512-7xxxx  
Sue.Vezeau@mil.wa.gov

## **Michael Roberson**

Planning Supervisor  
Washington State Emergency  
Management Division  
253-512-7065  
Michael.Roberson@mil.wa.gov

## **Cascadia Rising 2022 Exercise Internal Planning Team:**

**EMD:** Courtney Rose, Lisa Johnson, Wanda Tsosie, Ed Taylor, Serena Segura, Jacob Rain, Maximillian Dixon, Keily Yemm, Brian TerBush, Justin Fordice, Chris Utzinger, Mark Douglas, Susan Forsythe, Pete Hartmann, Tristan Allen, Quinn Butler, Kiana Kabanje, Shane Moore, Alysha Kaplan, Brian Laughlin, Michael Levkowitz, Michael Roberson, and Sue Vezeau

**Washington National Guard:** LTC Tami Brathovde, LTC Chris Panush, MAJ Marco Brettman

**Military Department Communications Office:** Travis Linares-Hengen