

# Statewide Catastrophic Incident Planning Team (SCIPT)

Wednesday, February 24, 2021

0900 - 1130

Conducted via Microsoft Teams

Join on your computer or mobile app

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Or call in (audio only)

+1 253-372-2181

Phone Conference ID: 210 915 31#

## Agenda

Topic	Time	Presenter	Notes
<b>I. Welcome, Administrative Announcements, and Introductions</b>	0900	<i>Nichole Benardo, EMD</i>	
<b>II. Significant Events and Updates</b> 1. Geographic Operations Update 2. Critical Transportation Update 3. Mass Care Services Update 4. [Water] Infrastructure Systems Update 5. Regional Catastrophic Planning Team (RCPT) 6. CR 22 Planning 7. FEMA CSZ Planning Updates	0910	<i>1. Shane Moore, EMD (5 min)</i> <i>2. Shane Moore, EMD (5 min)</i> <i>3. Shane Moore, EMD (5 min)</i> <i>4. Shane Moore, EMD (5 min)</i>  <i>5. Amy Lucas, SCDEM (5 min)</i>  <i>6. Laura Hann, EMD (10 mins)</i> <i>7. Kate Grant, FEMA (10 mins)</i>	
<b>Break</b>	1000		
<b>III. Infrastructure Systems</b> [Water] Infrastructure Systems Problem Statement Validation Workshop	1010	<i>Shane Moore, EMD (20 min)</i>	
<b>IV. Mass Care Services</b> Mass Care Services Problem Statement Validation Workshop	1030	<i>Nichole Benardo, EMD (30 min)</i>	
<b>V. Good of the Order/ Open Forum</b> 1. <b>Comments, Feedback, Suggestions</b>	1100	<i>Nichole Benardo, EMD</i>	

# STATEWIDE CATASTROPHIC INCIDENT PLANNING TEAM

## 2021 Q1 MEETING

02/24/2021

# EMERGENCY MANAGEMENT DIVISION

“A disaster-ready and resilient Washington State”

## AGENDA

### I. WELCOME, ADMINISTRATIVE ANNOUNCEMENTS, AND INTRODUCTIONS

### II. SIGNIFICANT EVENTS AND UPDATES

1. OPERATIONAL COORDINATION – GEOGRAPHIC OPERATIONS PLANNING
2. CRITICAL TRANSPORTATION UPDATE
3. MASS CARE SERVICES PLANNING
4. INFRASTRUCTURE SYSTEMS PLANNING
5. REGIONAL CATASTROPHIC PLANNING TEAM UPDATE
6. CR 22 EXERCISE PLANNING UPDATE
7. FEMA RX CSZ PLANNING UPDATE

***BREAK***

### IV. [WATER] INFRASTRUCTURE SYSTEMS

1. PROBLEM STATEMENT – WORKSHOP INTRODUCTION
2. PROBLEM STATEMENT – COMPONENTS
3. PROBLEM STATEMENT – VALIDATION
4. PROBLEM STATEMENT – DISCUSSION

### V. MASS CARE SERVICES

1. PROBLEM STATEMENT – WORKSHOP INTRODUCTION
2. PROBLEM STATEMENT – COMPONENTS
3. PROBLEM STATEMENT – VALIDATION
4. PROBLEM STATEMENT – DISCUSSION

### VI. GOOD OF THE ORDER/OPEN FORUM

1. COMMENTS, FEEDBACK, SUGGESTIONS

# I. WELCOME, ADMINISTRATIVE ANNOUNCEMENTS, AND INTRODUCTIONS



Welcome



Administrative  
Announcements

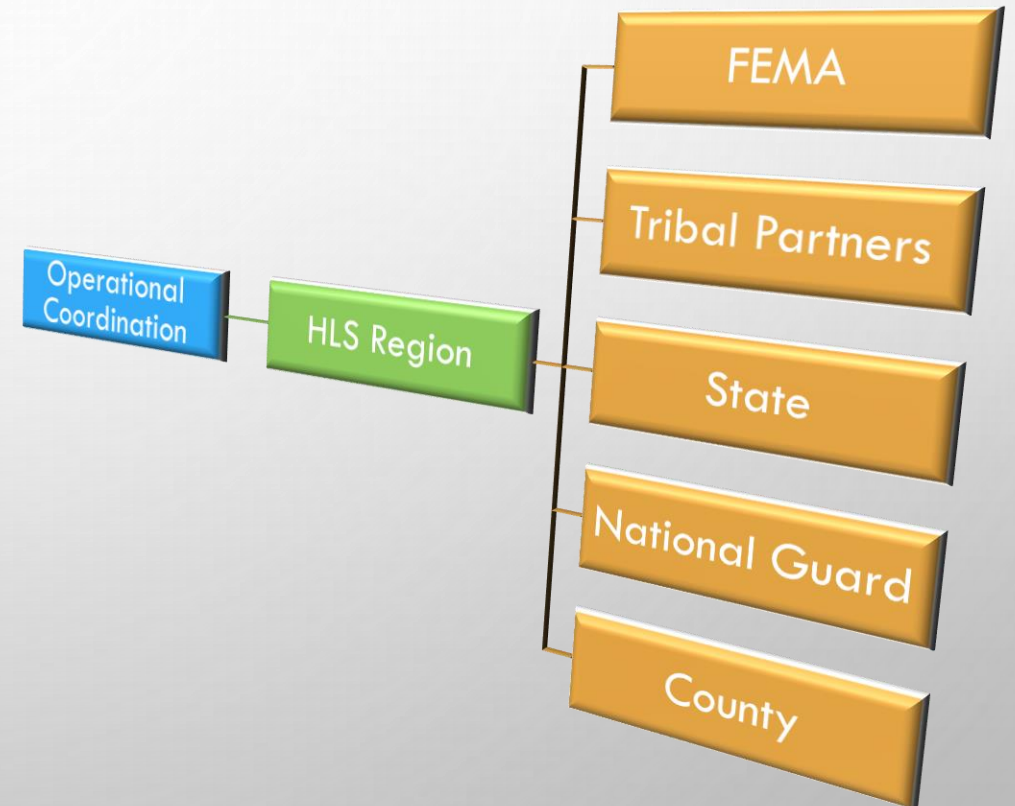
## II. SIGNIFICANT EVENTS AND UPDATES

### 1. OPERATION COORDINATION – GEOGRAPHIC OPERATIONS PLANNING

THIS PLANNING EFFORT IS MEANT TO DEVELOP OPERATIONAL COORDINATION BY VERTICALLY INTEGRATING RESPONSE STRUCTURES AT THE REGIONAL LEVEL:

- FEMA RX
- TRIBAL PARTNERS
- WA EMD
- WA NG
- COUNTY EM

AFTER INITIAL PLANNING, STATEWIDE OUTREACH THROUGH HLS REGIONS WILL BE CONDUCTED TO VALIDATE OR MODIFY THE PLAN.



# EMERGENCY MANAGEMENT DIVISION

"A disaster-ready and resilient Washington State"

## II. SIGNIFICANT EVENTS AND UPDATES

### 2. CRITICAL TRANSPORTATION UPDATE

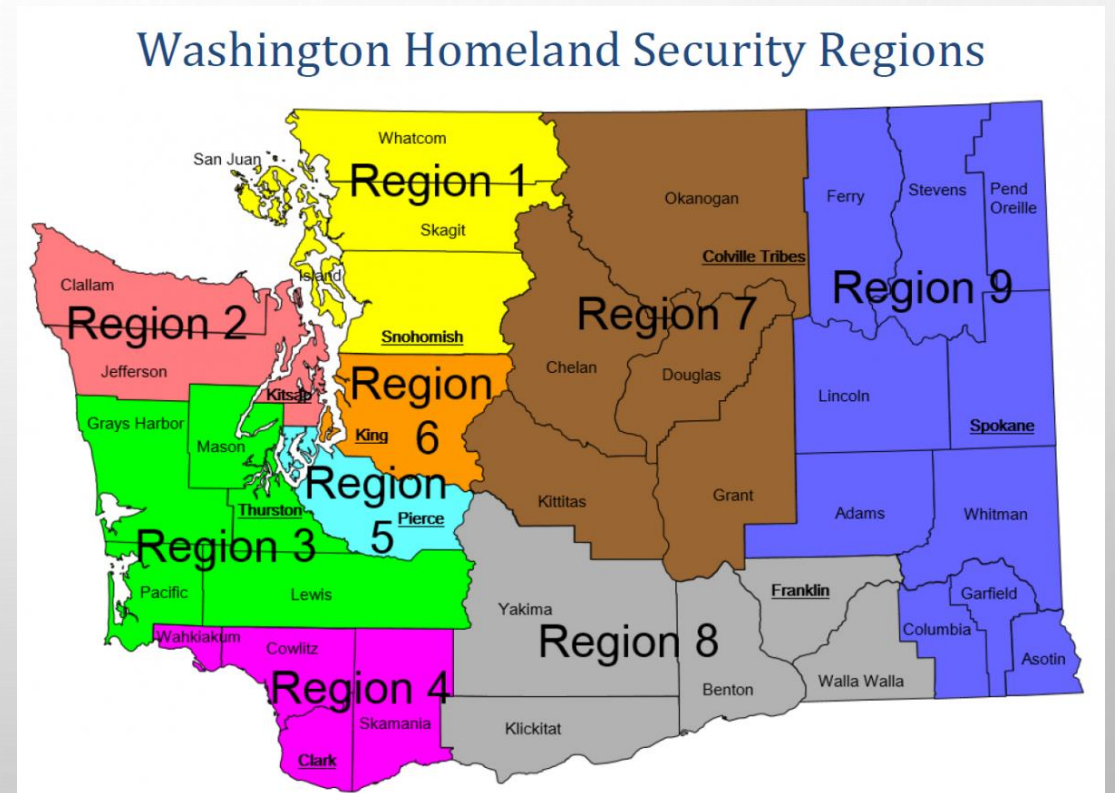
#### STATEWIDE CRITICAL TRANSPORTATION OUTREACH

HLS REGION 9 PRESENTATION & WORKGROUP ON MARCH 4<sup>TH</sup>

HLS REGION 9 COUNTIES:

- FERRY COUNTY
- STEVEN COUNTY
- PEND OREILLE COUNTY
- SPOKANE COUNTY
- LINCOLN COUNTY
- ADAMS COUNTY
- WHITMAN COUNTY
- COLUMBIA COUNTY
- GARFIELD COUNTY
- ASOTIN COUNTY

THIS IS THE FINAL REGION FOR KICK-OFF MEETINGS

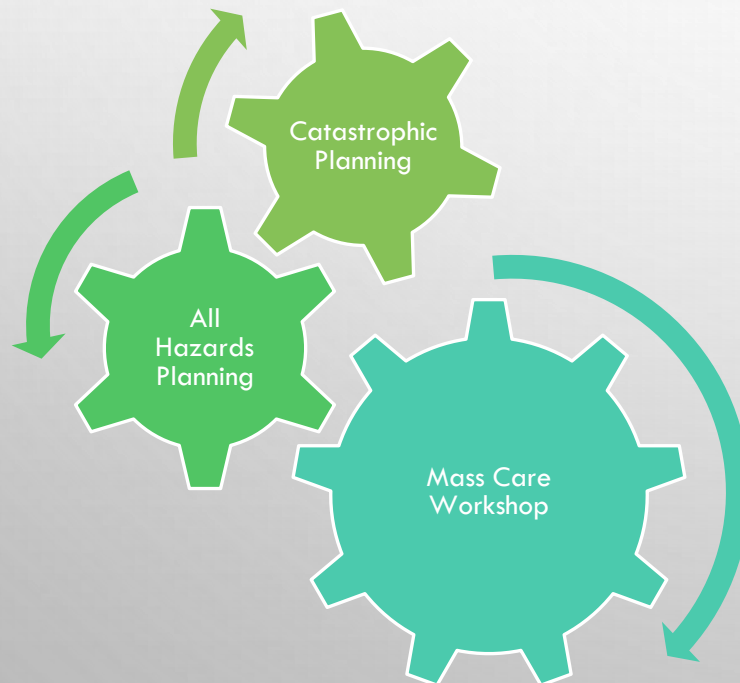


## II. SIGNIFICANT EVENTS AND UPDATES

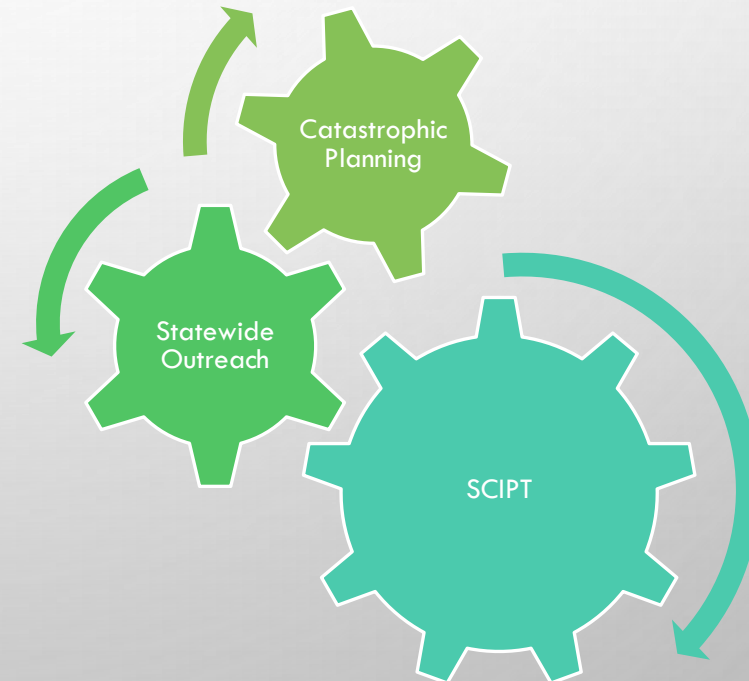
### 3. MASS CARE SERVICES PLANNING

Two Separate Planning Efforts that Compliment Each Other

State CEMP: ESF 6 Update



Catastrophic Incident Annex: Mass Care Services

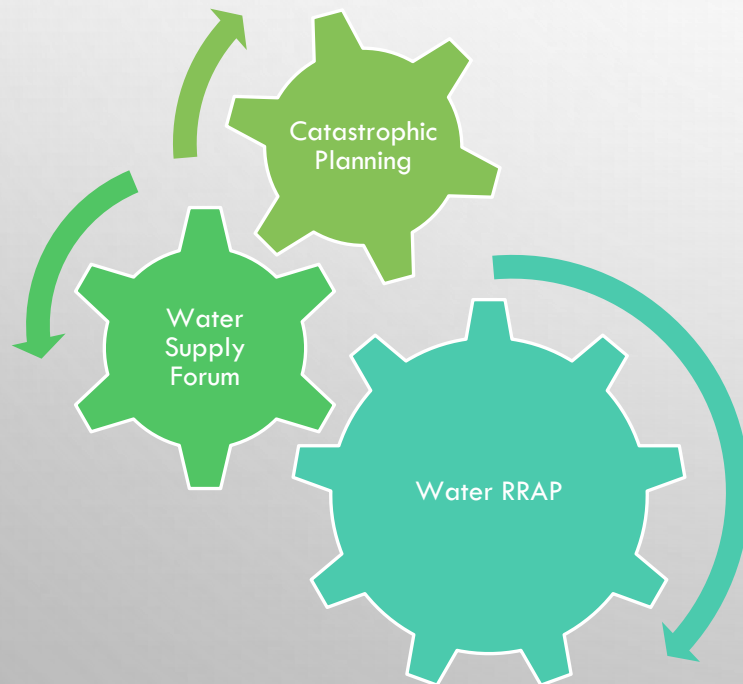


## II. SIGNIFICANT EVENTS AND UPDATES

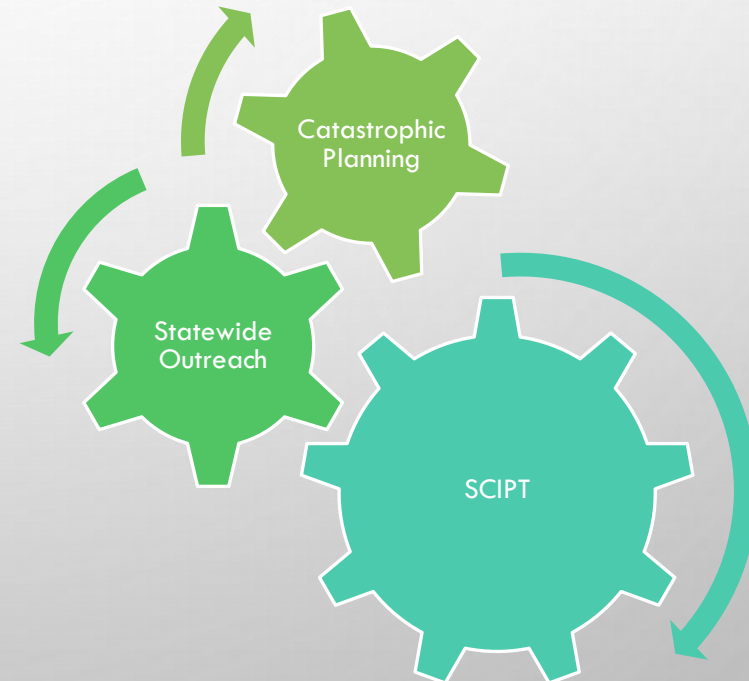
### 4. [WATER] INFRASTRUCTURE SYSTEMS

Integrating Multiple Planning Efforts that Compliment Each Other

Water RRAP



Catastrophic Incident Annex: Infrastructure Systems





## **II. SIGNIFICANT EVENTS AND UPDATES**

### **5. REGIONAL CATASTROPHIC PREPAREDNESS GRANT PROGRAM (RCPGP)**



#### **SNOHOMISH COUNTY RCPGP 2019 UPDATE**

- **HOLDING WEEKLY CHECK-INS WITH CONTRACTOR**
  - PLANNING KICK-OFF WORKSHOPS
  - GIS MODELING METHODOLOGY COORDINATION
  - DATA COLLECTION COORDINATION
  
- **SCENARIO PLANNING WITH RCPT ON 2/26**
  - GROUP WILL DECIDE SCENARIOS GIS MODEL WILL SIMULATE
  - COLLECTION OF FEDERAL/STATEWIDE DATA WILL BEGIN ONCE SCENARIOS ARE SET
  - COLLECTION OF COUNTY/LOCAL DATA WILL BEGIN AFTER GIS KICK-OFF WORKSHOP
  
- **UTILIZING AGOL HUB AND SURVEY 123**
  - **CREATING TECHNOLOGY EFFICIENCIES:**
    - MAKE UP SOME LOST TIME
    - PROVIDE SEAMLESS DATA COLLECTION AND DISSEMINATION IN ARCGIS PLATFORM

## II. SIGNIFICANT EVENTS AND UPDATES

### 6. CASCADIA RISING 2022 EXERCISE

#### WASHINGTON STATE'S LIFE SAVING & SUSTAINING AND SUPPORT CORE CAPABILITIES:

- **CRITICAL TRANSPORTATION**

- OBJECTIVE: PROVIDE TRANSPORTATION FOR RESPONSE PRIORITY OBJECTIVES, INCLUDING EVACUATION AND DELIVERY OF ESSENTIAL SERVICES.

- **MASS CARE SERVICES**

- OBJECTIVE: PROVIDE LIFE-SUSTAINING AND HUMAN SERVICES TO THE AFFECTED POPULATION, EVACUATION SUPPORT, REUNIFICATION AND EMERGENCY SUPPLIES.

- **SUPPORTING CORE CAPABILITIES**: OPERATIONAL COORDINATION; OPERATIONAL COMMUNICATION; SITUATIONAL ASSESSMENT; AND LOGISTICS AND SUPPLY CHAIN MANAGEMENT.

## **II. SIGNIFICANT EVENTS AND UPDATES**

### **6. CASCADIA RISING 2022 EXERCISE**

#### **FEMA REGION X BASELINE OBJECTIVES / CORE CAPABILITIES:**

- **OPERATIONAL COORDINATION**

- CONTINUITY OF GOVERNMENT (COG) / CONTINUITY OF OPERATIONS (COOP).
- UNIFIED COORDINATION GROUP (UCG) / GEOGRAPHIC BRANCHES / EMERGENCY OPERATION CENTERS (EOC) / EMERGENCY COORDINATION CENTERS (ECC) COORDINATION.
- LOGISTICS AND RESOURCE MANAGEMENT.

- **INFRASTRUCTURE SYSTEMS**

- CRITICAL TRANSPORTATION (TRANSPORTATION FEASIBILITY / TRANSPORTATION CORRIDORS).
- ENERGY ASSESSMENT AND RESTORATION.

- **MASS-CARE**

- EVACUATION.
- SHELTER & FEEDING.
- HOUSING (SHORT- AND LONG-TERM).

## **II. SIGNIFICANT EVENTS AND UPDATES**

### **6. CASCADIA RISING 2022 EXERCISE**

- EXTENT OF PLAY AGREEMENTS – SENT OUT IN JAN, DUE BACK MARCH 1ST
- HOSTING AN INITIAL PLANNING MEETING FOR ALL WHO HAVE COMPLETED AN XPA.
  - IPM SCHEDULED FOR MARCH 18<sup>TH</sup> – REGISTRATION LINK WAS SENT OUT LAST WEEK.

## **II. SIGNIFICANT EVENTS AND UPDATES**

### **7. FEMA CSZ PLANNING UPDATES**

THE FOLLOWING IS AN UPDATE FROM OUR FRIENDS AND PARTNERS ON THE REGION X CASCADIA SUBDUCTION ZONE (CSZ) EARTHQUAKE AND TSUNAMI CATASTROPHIC RESPONSE PLAN

# Region 10 Cascadia Subduction Zone (CSZ) Earthquake and Tsunami Catastrophic Response Plan (ver 3.0)

## CSZ Planning Update: SCRIPT Meeting

February 24, 2021

Katelyn Grant  
FEMA Region 10 Operational Planner / CSZ Federal Lead Planner



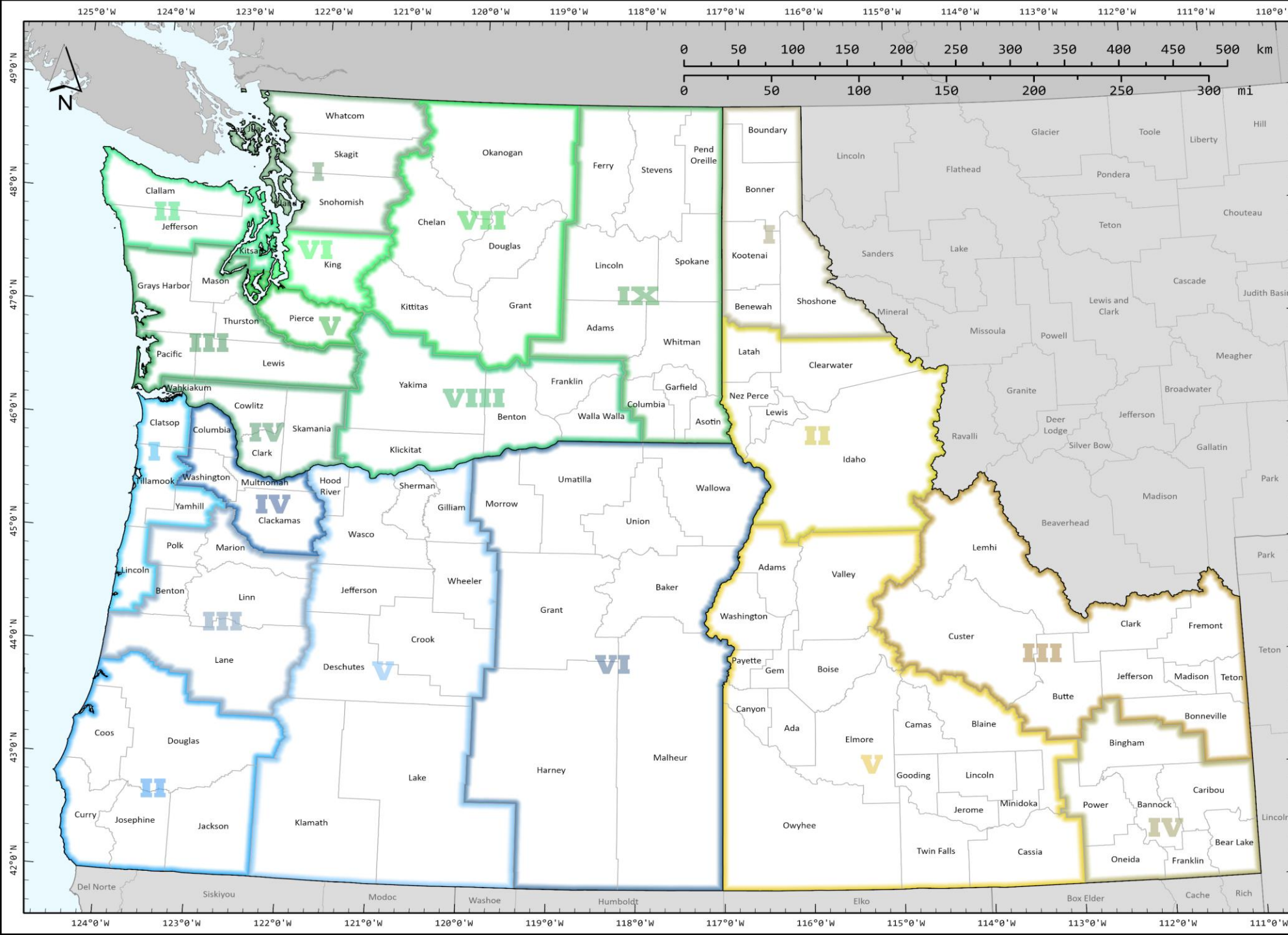
# FEMA



# CSZ Planning Updates

- Community Lifeline/Core Capability Working Group Meetings Resumed this week.
- Scaling back on the RFI Community Lifeline worksheets
  - Next 2-week Focus: Finalize Planning Factors and Assumptions
  - Resource Shortfalls (Require some state input)
  - Federal Resource Allocation
- Logistics
  - Finalizing FSA's, ISB's, APOD's and state staging areas (if known)
- GIS Update: Level 1 HAZUS run for WA and OR could be completed by next week
  - Starting the development of a storyboard for presentation during the IAB
  - Mapping of proposed FSA's, ISB's and APOD's





### Idaho Counties

- Branch I:** Benewah, Bonner, Boundary, Kootenai, Shoshone
- Branch II:** Clearwater, Idaho, Latah, Lewis, Nez Perce
- Branch III:** Bonneville, Butte, Clark, Custer, Fremont, Jefferson, Lemhi, Madison, Teton
- Branch IV:** Bannock, Bear Lake, Bingham, Caribou, Franklin, Oneida, Power
- Branch V:** Ada, Adams, Blaine, Boise, Camas, Canyon, Cassia, Elmore, Gem, Gooding, Jerome, Lincoln, Minidoka, Owyhee, Payette, Twin Falls, Valley, Washington

### Oregon Counties

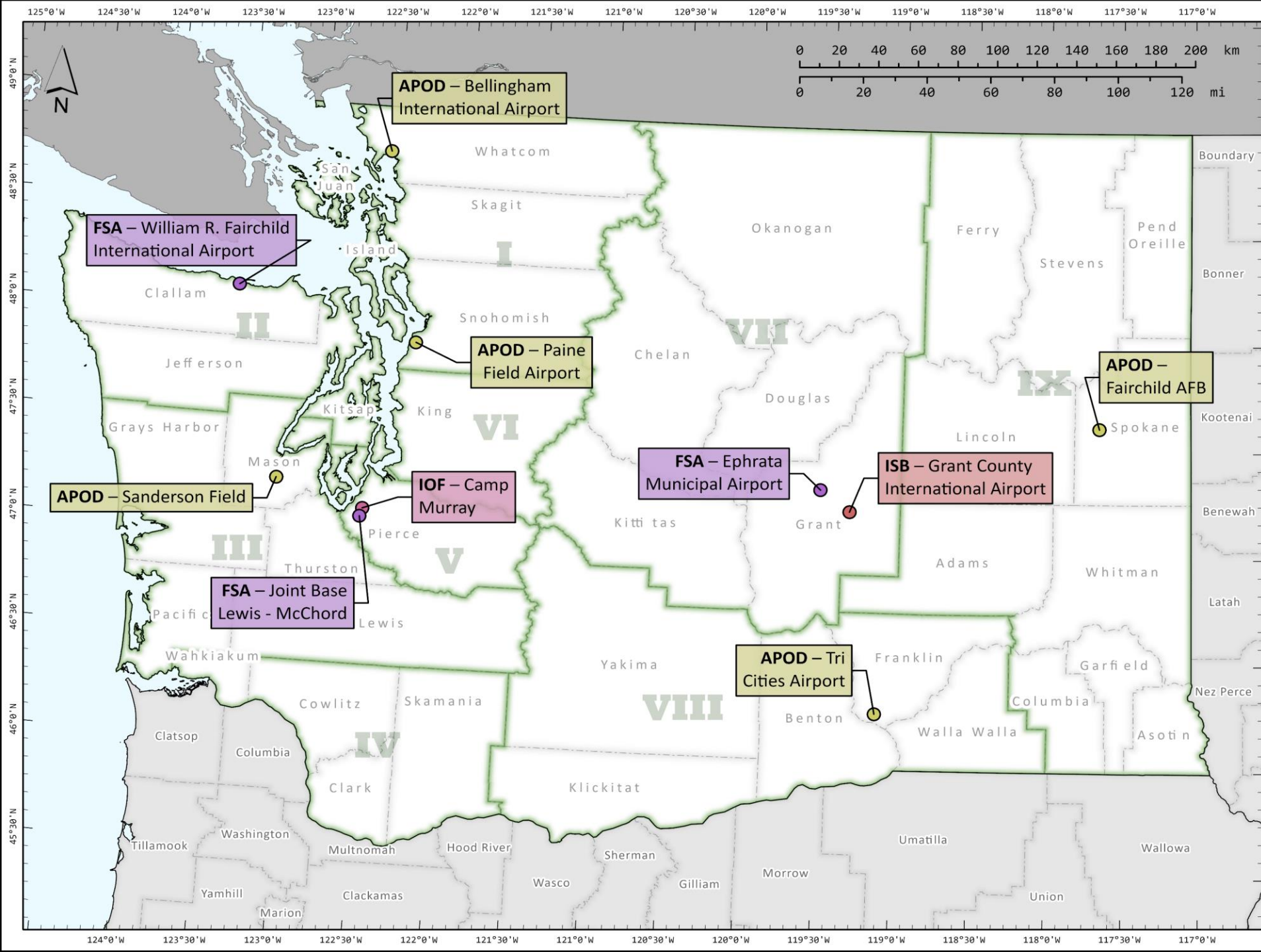
- Branch I:** Clatsop, Lincoln, Tillamook, Yamhill
- Branch II:** Coos, Curry, Douglas, Jackson, Josephine
- Branch III:** Benton, Lane, Linn, Marion, Polk
- Branch IV:** Clackamas, Columbia, Multnomah, Washington
- Branch V:** Crook, Deschutes, Gilliam, Hood River, Jefferson, Klamath, Lake, Sherman, Wasco, Wheeler
- Branch VI:** Baker, Grant, Harney, Malheur, Morrow, Umatilla, Union, Wallowa

### Washington Counties

- Branch I:** Island, San Juan, Skagit, Snohomish, Whatcom
- Branch II:** Clallam, Jefferson, Kitsap
- Branch III:** Grays Harbor, Lewis, Mason, Pacific, Thurston
- Branch IV:** Clark, Cowlitz, Skamania, Wahkiakum
- Branch V:** Pierce
- Branch VI:** King
- Branch VII:** Chelan, Douglas, Grant, Kittitas, Okanogan
- Branch VIII:** Benton, Franklin, Klickitat, Walla Walla, Yakima
- Branch IX:** Adams, Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens, Whitman

**Created by:** Matthew Massel - IEM  
**Created/updated on:** 2021-Feb-03  
**Primary frame coordinate system:** NAD 1983 2011 UTM Zone 11N  
**Primary frame grid:** Latitude longitude  
**Data sources:** FEMA, HIFLD

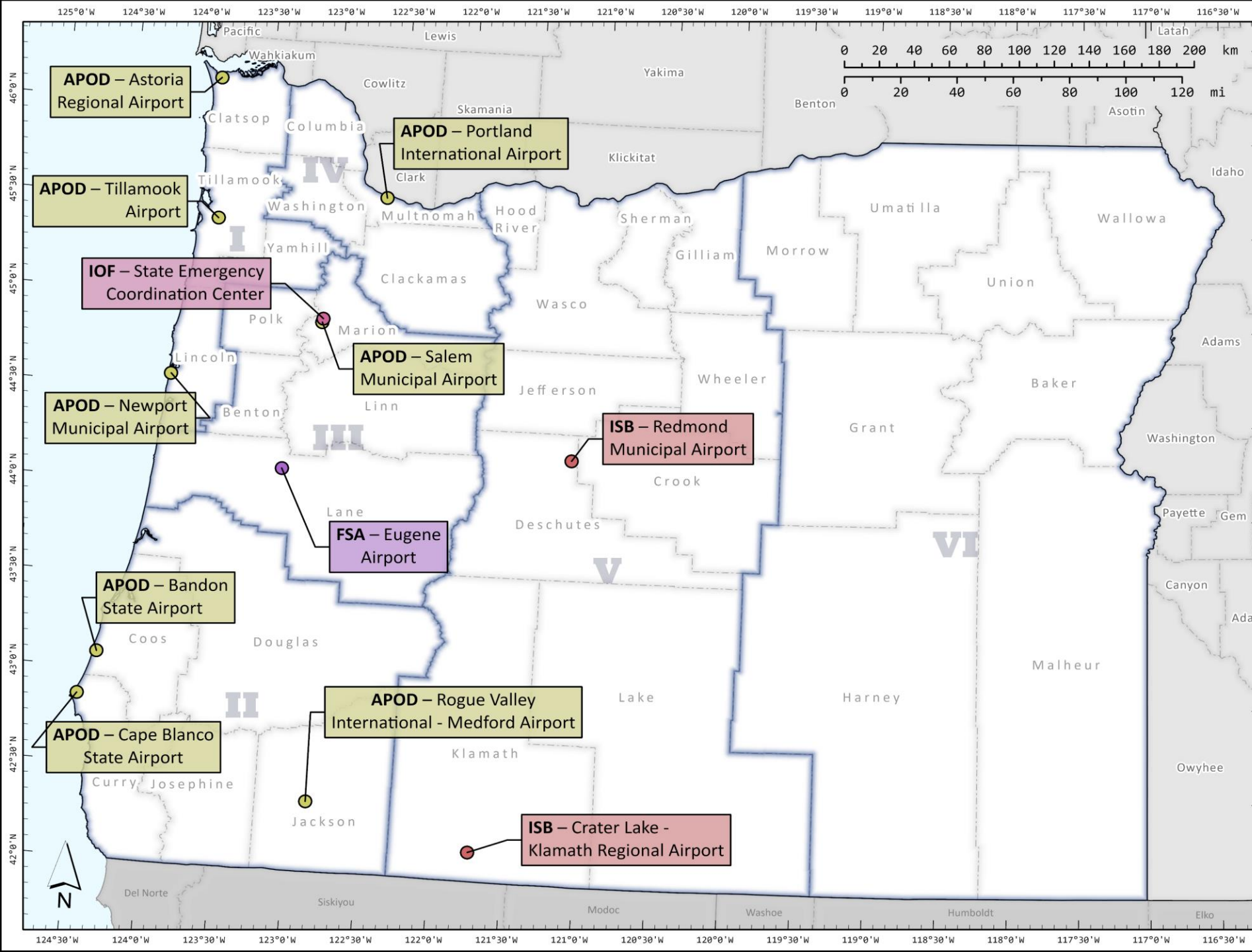




**Logistics Node Locations**

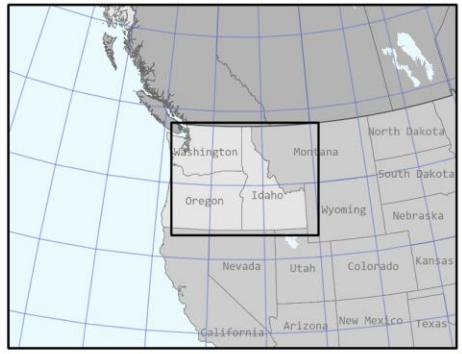
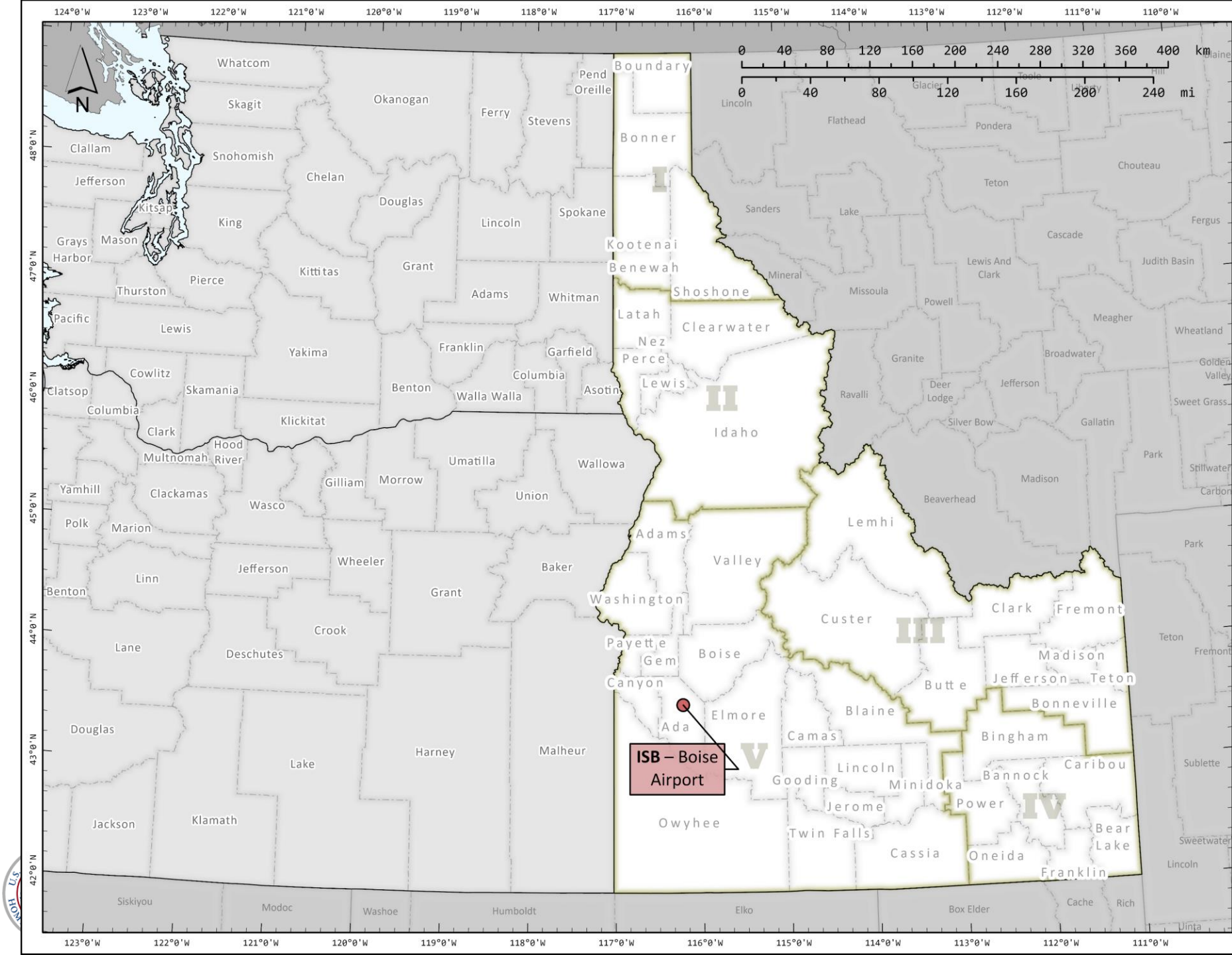
- Aerial Point of Debarkation (APOD)
- Federal Staging Area (FSA)
- Interim Operating Facility (IOF)
- Incident Support Base (ISB)
- Washington Branches
- County Boundaries

Created by: Matthew Massel - IEM  
 Created/updated on: 2021-Feb-18  
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### Logistics Node Locations

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# Revised Areas of Focus Based Discussion with States

- Operational Coordination
  - Auto roll for the initial push of resources based on TFA and this process for day 0/1
- Situational Awareness
  - Assessments
    - Status of roads accessing the priority branches and divisions
      - NORTHCOM – possible use of drones to assess/survey roads, bridges, APODs
- Communications
  - Responders (branches, APOD, Staging, ESF 13)
- Transportation
  - Routes
  - Branch and division access based on routes (debris clearance)
  - Airfield repair allowing for fixed wing and rotary assets



# Lifeline Work Group Milestones

Each lifeline work group will aim to achieve the following milestones:

- **Milestone 1: Identification and Validation of Impacts and Planning Factors – *Completed by End of February***
  - Validate/update CSZ plan facts, assumptions, and shortfalls/limiting factors.
  
- **Milestone 2: Resource and Capability Gap Analysis – *Completed by End of March***
  - Assess current capability shortfalls (state, tribal, private sector, federal).
  - Federal Resource Allocation
  
- **Milestone 3: (Critical Capacity WORKSHOP) – Preparation for Transportation Feasibility Analysis (*Conducted March/April for Each State*)**
  - Determine model parameters
  - Draft Resource Phasing Plan – draft is developed. Will be finalized based on Milestone 2 update.



# Next Steps

- Conduct a critical capacity workshop with each state to decide on the roads we think will be available, number of lanes, and speed of which we think we can travel these roads. (March/April 2021, WA workshop 1-2 days) (March/April 2021, OR workshop 1-2 days)
  - Core planning team will build a PPT using maps which include 2a, 2b and 2c. We cannot have this discussion without have #1 completed. #1 cannot be mapped by GIS without having a decision from Logistics regarding the location of proposed FSA's, ISB's, POD/E's and state staging areas if known.
  - Use RRAP data to aid in the development of maps to be used in the discussion with collaborative partners regarding transportation corridors and access nodes.
  - Information needed to conduct a Transportation Feasibility Analysis.
- Provide input to IPR (mini-IAB) scheduled for March 2021
- Resource Phasing Plan (RPP)
  - Develop a full list of resources and capabilities so R10 Logistics and FEMA HQ Logistics can create the draft RPP without level four data.
  - Update the draft RPP following the review of resources and capabilities associated with Milestone 2 data in the RFI's being used for CSZ information collection and analysis.
  - Upon completion of the Milestone 3 review, update draft RPP with Level 4 data. Resources and capabilities not validated will be included and 2013 information will be used to continue to develop the product. We will use the most current Level 4 data and best guess on quantities of resources if not confirmed during our Milestone 3 discussion.



# Questions?



**FEMA**



FEMA



# Core Planning Team

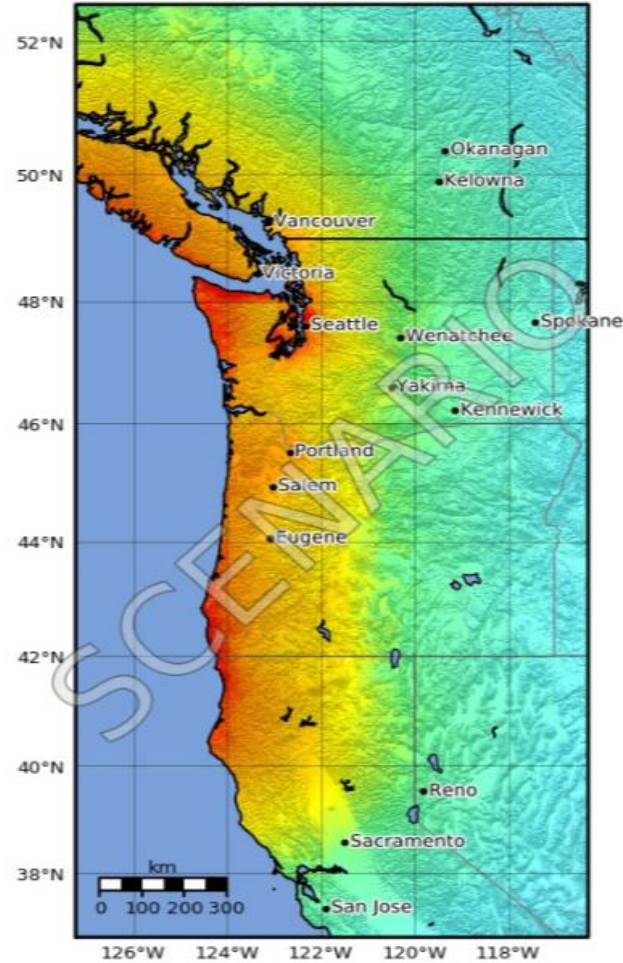
- Kate Grant, FEMA Region 10, Lead Federal Planner
  - Washington FIT, Josh Carey, Lead Planner
  - Washington FIT, Garry Harris, Planner/LOG SME
  - Oregon FIT, Justin Marquis, Lead Planner
  - Idaho FIT, Keith Mallard, Lead Planner
- KKoby Griffin, Senior Planner/Lead Contractor
  - Bryan Payne, Mid-Level Planner (Washington)
  - Ronald Perry, Mid-Level Planner (Oregon)
- Shane Moore, WA EMD Lead Planner
- Vacant, OR OEM Lead Planner
- Kevin Reeve, AK DHS&EM Lead Planner
- Matt Caesar, FEMA Region 10, Operations Integration Branch
- Terry Ford, FEMA Region 10, Operational Planning Branch
- Robert Lantz-Brazil, FEMA Region 10, Logistics Branch
- Shannon Benson, FEMA Region 10, IMAT Team Lead
- Jay LaPlante, Region 10 Tribal Liaison
- Brett Holt, FEMA Region 10, Private Sector Liaison
- Danielle Bailey, Region 10, Disability Integration



**FEMA**

# CSZ Plan Scenario

Macroseismic Intensity Map USGS  
 ShakeMap: M9.0 Cascadia, median ground motions  
 Jan 26, 1700 00:00:00 UTC M9.0 N36.00 W126.00 Depth: 0.0km ID:CSZM9\_median\_nohyp



SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
DAMAGE	None	None	None	Very light	Light	Moderate	Moderate/heavy	Heavy	Very heavy
PGA(%g)	<0.0066	0.0795	0.954	4.99	8.76	15.4	27	47.4	>83.2
PGV(cm/s)	<0.0028	0.0383	0.524	3.03	6.48	13.9	29.6	63.4	>136
INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

Scale based on Atkinson and Kaka (2007)

Version 1: Processed 2020-11-15T02:19:47Z

△ Seismic Instrument ○ Reported Intensity

★ Epicenter



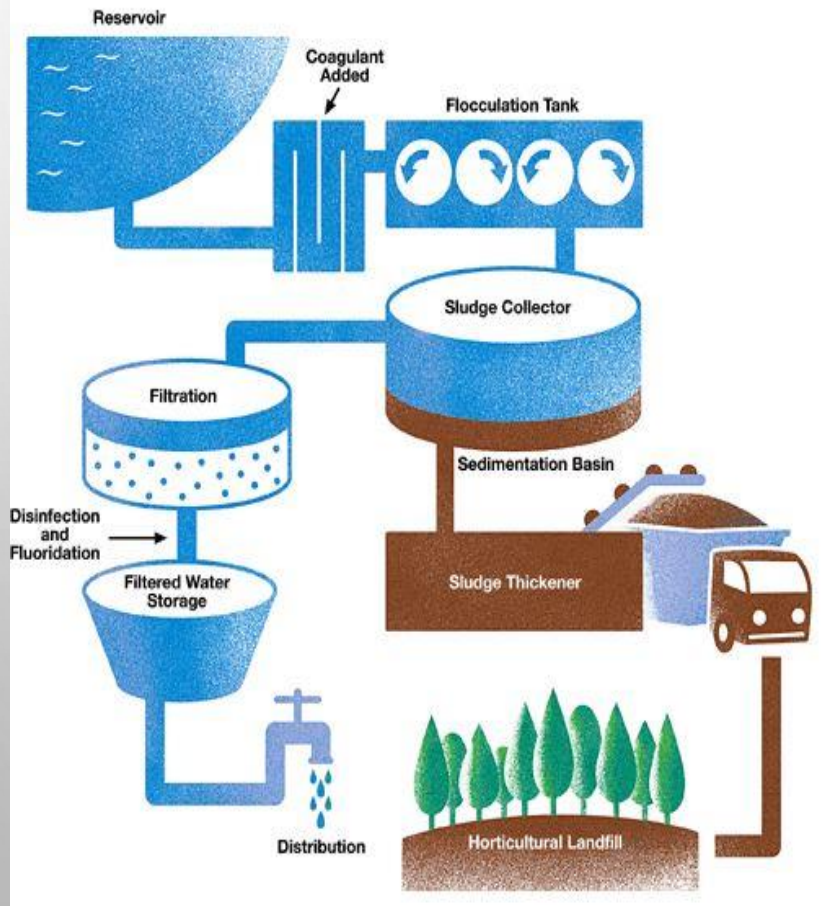
FEMA

# BREAK

## *WHEN REJOINING THE MEETING, PLEASE REMEMBER:*

- ENSURE THAT YOUR VIDEO AND MICROPHONE ARE MUTED UNLESS SPEAKING
- IF YOU HAVE QUESTIONS, PLACE THEM IN THE CHAT OR WAIT FOR THE Q&A PORTIONS
- DURING THE Q&A PORTIONS PLEASE RAISE YOUR HAND IF MORE THAN ONE PERSON IS TRYING TO SPEAK

# III. [WATER] INFRASTRUCTURE SYSTEMS



## **III. [WATER] INFRASTRUCTURE SYSTEMS**

### **1. PROBLEM STATEMENT – INTRODUCTION**

THE PROBLEM STATEMENT IS IMPORTANT FOR EACH CORE CAPABILITY IN THIS PLANNING PROCESS BECAUSE IT:

- HELPS CLEARLY IDENTIFY THE GOALS OF THE PROJECT
- OUTLINES THE SCOPE OF A PROJECT
- GUIDES THE ACTIVITIES AND DECISIONS OF THE PEOPLE WHO ARE WORKING ON THE PROJECT
- GENERATES SUPPORT AND BUY-IN DURING OUTREACH BY IDENTIFYING WHY THE PROJECT IS IMPORTANT ENOUGH TO DEDICATE TIME, PEOPLE, AND OTHER RESOURCES.

*PLEASE CONSIDER SUGGESTIONS TO CHANGE, ALTER, REPLACE, ADD TO, OR SUBTRACT ANY OF THE LANGUAGE USED IN THE FOLLOWING PROBLEM STATEMENT.*

# III. [WATER] INFRASTRUCTURE SYSTEMS

## 2. PROBLEM STATEMENT – COMPONENTS

### What

- Provide potable drinking water to population through existing infrastructure to both established customers and meet the needs for displaced populations
- Provide water for critical infrastructure needs
- Identify safe sources of water that the public can utilize if infrastructure is inoperable

### Why

- Catastrophic incidents will impact the availability of potable water for the affected populations
- Catastrophic incidents will impact the distribution of water to critical infrastructure

### How

- Pre-incident planning will identify capabilities and gaps
- Pre-incident planning will establish response priorities for temporary infrastructure restoration
- Pre-incident planning will identify resource requirements

### Where

- Catastrophic incidents may affect a single jurisdiction, regions, the entire state, or the Nation.

### Who

- Planning needs to be conducted and coordinated from the local to regional to state to federal-levels.

### When

- This planning effort aligns with efforts to draft the Catastrophic Incident Annex to the state Comprehensive Emergency Management Plan and will be practiced as planned in relevant and appropriate exercises.
- CR22 will exercise this portion of the CIA

## **III. [WATER] INFRASTRUCTURE SYSTEMS**

### **3. PROBLEM STATEMENT – VALIDATION**

*WATER INFRASTRUCTURE PROVIDES BOTH SAFE DRINKING WATER AND IS AN ESSENTIAL RESOURCE FOR CRITICAL INFRASTRUCTURE. FOLLOWING A CATASTROPHIC INCIDENT THAT IMPACTS THE DISTRIBUTION OF WATER TO THE AFFECTED POPULATION AND CRITICAL INFRASTRUCTURE IT WILL BE NECESSARY TO PRIORITIZE THE TEMPORARY REPAIR AND RESTORATION OF WATER INFRASTRUCTURE, IDENTIFY ALTERNATE SOURCES OF SUITABLE WATER, AND IDENTIFY TREATMENT OPTIONS OF WATER FROM TRADITIONAL AND NON-TRADITIONAL SOURCES TO SAVE AND SUSTAIN LIVES.*

*PRE-INCIDENT PLANNING WILL ENABLE THE IDENTIFICATION OF CAPABILITIES AND GAPS OF LOCAL JURISDICTIONS WHICH WILL THEN ENABLE STATE RESPONSE EFFORTS TO IDENTIFY AREAS OF CONCERN AND IDENTIFY RESOURCES AND IDENTIFY RESPONSE PRIORITIES.*

*THIS VERTICAL PLANNING EFFORT WILL CREATE SITUATIONAL AWARENESS, ENABLE AN EXPEDITED RESOURCE REQUEST PROCESS FOR ALL STAKEHOLDERS AND PARTNERS, SET EXPECTATIONS ON THE AVAILABILITY OF POTABLE WATER, AND IDENTIFY ROLES AND RESPONSIBILITIES.*

## III. [WATER] INFRASTRUCTURE SYSTEMS

### 4. PROBLEM STATEMENT – DISCUSSION



Discussion/Activity:

Define the scope of the [Water] Infrastructure Workgroup

What are the components of the Infrastructure Systems Core Capability that:

1. Provide life saving and life sustaining services,
2. Fall within catastrophic planning, and
3. Are consistent with the scope of CR22



## III. [WATER] INFRASTRUCTURE SYSTEMS

### 4. PROBLEM STATEMENT – DISCUSSION

STABILIZE CRITICAL INFRASTRUCTURE FUNCTIONS, MINIMIZE HEALTH AND SAFETY THREATS, AND EFFICIENTLY RESTORE AND REVITALIZE SYSTEMS AND SERVICES TO SUPPORT A VIABLE, RESILIENT COMMUNITY.

## DEFINITION: INFRASTRUCTURE SYSTEMS CORE CAPABILITY & CRITICAL TASKS

- **CRITICAL TASK-1** DECREASE AND STABILIZE IMMEDIATE INFRASTRUCTURE THREATS TO THE AFFECTED POPULATION, TO INCLUDE SURVIVORS IN THE HEAVILY DAMAGED ZONE, NEARBY COMMUNITIES THAT MAY BE AFFECTED BY CASCADING EFFECTS, AND MASS CARE SUPPORT FACILITIES AND EVACUATION PROCESSING CENTERS WITH A FOCUS ON LIFE-SUSTAINMENT AND CONGREGATE CARE SERVICES.
- **CRITICAL TASK-2** RE-ESTABLISH CRITICAL INFRASTRUCTURE WITHIN THE AFFECTED AREAS TO SUPPORT ONGOING EMERGENCY RESPONSE OPERATIONS, LIFE SUSTAINMENT, COMMUNITY FUNCTIONALITY, AND A TRANSITION TO RECOVERY.
- **CRITICAL TASK-3** PROVIDE FOR THE CLEARANCE, REMOVAL, AND DISPOSAL OF DEBRIS.
- **CRITICAL TASK-4** FORMALIZE PARTNERSHIPS WITH GOVERNMENTAL AND PRIVATE SECTOR CYBER INCIDENT OR EMERGENCY RESPONSE TEAMS TO ACCEPT, TRIAGE, AND COLLABORATIVELY RESPOND TO CASCADING IMPACTS IN AN EFFICIENT MANNER.

## **III. [WATER] INFRASTRUCTURE SYSTEMS**

### **WORKSHOP CONCLUSION**



# EMERGENCY MANAGEMENT DIVISION

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

## IV. MASS CARE SERVICES



## **IV. MASS CARE SERVICES**

### **1. PROBLEM STATEMENT – INTRODUCTION**

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## IV. MASS CARE SERVICES

### 2. PROBLEM STATEMENT - COMPONENTS

#### What

- Move and Deliver resources and capabilities to meet the needs of disaster survivors including access and functional needs
- Establish, staff, and equip general shelters and other temporary housing options
- Move from congregate to non-congregate alternatives and provide relocation assistance

#### Why

- Catastrophic incidents will impact the available shelters, housing, and ability to reach housing
- Catastrophic incidents will disrupt the normal distribution of people throughout the state
- Catastrophic incidents will displace large groups of people

#### How

- Pre-incident planning will identify capabilities and gaps
- Pre-incident planning will establish response priorities for temporary infrastructure restoration
- Pre-Incident planning will determine the scope of the mass care appendix

#### Where

- Catastrophic incidents may affect a single jurisdiction, region, the entire state, or the Nation
- What is considered catastrophic to one area, might not be for another

#### Who

- Planning needs to be conducted and coordinated from the local to regional to state to federal-levels
- All inclusive whole community planning team

#### When

- This planning effort aligns with efforts to draft the Catastrophic Incident Annex to the state Comprehensive Emergency Management Plan and will be practiced as planned for in relevant and appropriate exercises
- We will work in tandem with the development of the WA state ESF 6 development
- CR22 will exercise this portion of the CIA

## **IV. MASS CARE SERVICES**

### **3. PROBLEM STATEMENT - VALIDATION**

MASS CARE PROVIDES SHELTERING, EMERGENCY ASSISTANCE, TEMPORARY HOUSING, AND HUMAN SERVICES TO SUSTAIN LIFE AND PROVIDE ESSENTIAL SERVICES WHEN THE NEEDS OF DISASTER SURVIVORS EXCEED LOCAL, STATE, TRIBAL, AND GOVERNMENT CAPABILITIES, INCLUDING THOSE WITH ACCESS AND FUNCTIONAL NEEDS. MASS CARE INCLUDES MOVING & DELIVERING RESOURCES AND CAPABILITIES; ESTABLISHING, STAFFING, AND EQUIPPING SHELTERS, AND MOVING AND RELOCATION OF PEOPLE.

FOLLOWING A CATASTROPHIC INCIDENT THAT IMPACTS OR DISPLACES THE POPULATION IT WILL BE NECESSARY TO PRIORITIZE SHELTERING RESOURCES TO SAVE AND SUSTAIN LIFE. PRE-INCIDENT PLANNING WILL ENABLE THE IDENTIFICATION OF CAPABILITIES AND GAPS AT THE LOCAL JURISDICTION LEVEL, WHICH WILL THEN ENABLE STATE RESPONSE EFFORTS TO IDENTIFY AREAS OF CONCERN AND DEVELOP RESPONSE PRIORITIES.

## IV. MASS CARE SERVICES

### 4. PROBLEM STATEMENT – DISCUSSION



Discussion/Activity:

Define the scope of the Mass Care Workgroup

What are the components/subcomponents of the Mass Care Core Capability that:

1. Provide life saving and life sustaining services,
2. Fall within catastrophic planning, and
3. Are consistent with the scope of CR22

**DEFINITION:  
MASS CARE  
CORE  
CAPABILITY &  
CRITICAL  
TASKS**

## IV. MASS CARE SERVICES

### 4. PROBLEM STATEMENT – DISCUSSION

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.

- ESF #6—MASS CARE, EMERGENCY ASSISTANCE, TEMPORARY HOUSING, AND HUMAN SERVICES COORDINATES AND PROVIDES LIFE-SUSTAINING RESOURCES, ESSENTIAL SERVICES, AND STATUTORY PROGRAMS WHEN THE NEEDS OF DISASTER SURVIVORS EXCEED LOCAL, STATE, TRIBAL, TERRITORIAL, AND INSULAR AREA GOVERNMENT CAPABILITIES.
- **MC-CRITICAL TASK-1.** MOVE AND DELIVER RESOURCES AND CAPABILITIES TO MEET THE NEEDS OF DISASTER SURVIVORS, INCLUDING PEOPLE WITH ACCESS AND FUNCTIONAL NEEDS.
- **MC-CRITICAL TASK-2.** ESTABLISH, STAFF, AND EQUIP GENERAL SHELTERS AND OTHER TEMPORARY HOUSING OPTIONS (INCLUDING ACCESSIBLE HOUSING) FOR THE AFFECTED POPULATION.
- **MC-CRITICAL TASK-3.** MOVE FROM CONGREGATE TO NON-CONGREGATE ALTERNATIVES AND PROVIDE RELOCATION ASSISTANCE OR INTERIM HOUSING SOLUTIONS FOR FAMILIES UNABLE TO RETURN TO THEIR RESIDENCE.



# MASS CARE COMPONENT/SUB-COMPONENT OVERVIEW

Component	Mass Care	Emergency Assistance	Housing	Human Services
<p><b>Sub-Component</b></p>	<ul style="list-style-type: none"> <li>• Shelter</li> <li>• Feeding</li> <li>• Hydration</li> <li>• Bulk Distribution</li> <li>• Emergency First Aid</li> <li>• Disaster Welfare Information</li> </ul>	<ul style="list-style-type: none"> <li>• Mass Evacuation</li> <li>• Facilitated Reunification</li> <li>• Household Pets and Service Animals</li> <li>• General, Specialized, Medical, and nonconventional Shelters</li> <li>• Support to Unaffiliated Volunteers and Unsolicited Donations</li> <li>• Voluntary Agency Coordination</li> </ul>	<ul style="list-style-type: none"> <li>• Temporary Roof Repair</li> <li>• Repair Program</li> <li>• Replacement Program</li> <li>• Existing Housing Resources</li> <li>• Rental Assistance</li> <li>• Non-congregate Facilities</li> <li>• Transportation to other locations</li> <li>• Permanent Construction</li> <li>• Direct Financial housing</li> <li>• Hotel/motel Program</li> <li>• Direct Housing Operations</li> <li>• Housing Resources</li> </ul>	<ul style="list-style-type: none"> <li>• Cora Brown Fund</li> <li>• Crisis Counseling and Training</li> <li>• Other Needs Assistance</li> <li>• Disaster Case Management</li> <li>• HHS</li> <li>• Victims of Crime Assistance</li> <li>• Disaster Unemployment Assistance</li> <li>• Disaster Legal Services</li> <li>• Financial Counseling                             <ul style="list-style-type: none"> <li>• Taxes</li> <li>• Insurance settlements</li> </ul> </li> </ul>

While a single component may be chosen as the focus, the workgroup will still evaluate all components at a high level to determine if there are any life saving/life sustaining services provided (e.g. prescription assistance and victims of crime assistance).

## **IV. MASS CARE SERVICES**

### **WORKSHOP CONCLUSION**



## **V. GOOD OF THE ORDER/OPEN FORUM**

### **1. COMMENTS, FEEDBACK, SUGGESTIONS**

***WE VALUE YOUR INPUT***

## 2021 QUARTERLY SCIPT MEETING SCHEDULE

Quarterly Meeting	Month	Date & Time	Venue
Q1	March	February 24 <sup>th</sup> , 2021	MS Teams
Q2	May	May 26 <sup>th</sup> , 2021	MS Teams
Q3	August	August 25 <sup>th</sup> , 2021	MS Teams
Q4	November	November 17 <sup>th</sup> , 2021	MS Teams

# EMERGENCY MANAGEMENT DIVISION

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

## THANK YOU ATTENDING!

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# Statewide Catastrophic Incident Planning Team (SCIPT)

**24 February 2021, 0900-1130 PM**

## **Virtual Teams Meeting**

### **Meeting Notes**

Welcome, Administrative Announcements

#### Significant Events and Updates

- **Geographic Operations Update – Shane Moore, WA EMD**
  - As you may remember from the last meeting, we were discussing how we would work best across the state during a catastrophic incident.
  - We are aligning our current plan with our internal response operations, as well as how we would physically work down at the regional level.
  - This plan is in draft and once it is done, we will present to the SCIPT and then do regional outreach.
  - We will be gathering feedback from the regions.
  - There are different models:
    - CCTA model
    - This is a stand-a-lone plan for planning purposes, and this will be incorporated into the CIA when the planning portion is done
- **Critical Transportation Update – Shane Moore, WA EMD**
  - 1 last kickoff meeting to do in the Critical Transportation effort.
    - Region 9 is unique because of its size and differing hazards
    - March 4<sup>th</sup> final kick off meeting
- **Mass Care Services Update – Shane Moore, WA EMD**
  - Discussed last meeting about forming workgroups to get this planning kickstarted
  - There are other planning efforts happening concurrently that are related
    - Mass care workshop which is helping to update ESF 6
      - All Hazards planning is the basis for the catastrophic plan
    - The SCIPT is forming the basis for catastrophic planning
      - Additional planning work being done through the RRAPs is feeding into this work
    - Regional catastrophic planning team is doing work on the mass care side as well
- **Water Infrastructure Systems Update – Shane Moore, WA EMD**
  - Water RRAP
    - Currently assessing 43 systems across 7 counties
    - Using work from/working with the water supply forum.
      - Assessing damages/impacts to the water infrastructure systems
      - Documents and plans are available on their website

- **Regional Catastrophic Planning Team (RCPT) – Amy Lucas, Snohomish County DEM**
  - Amy Lucas – Catastrophic Planning Manager at SC DEM
    - Looking at population islands and CPOD sites after a CSZ 9.0 event
    - Contractor on board, new employees, and a GIS person
    - Kickoff workshop and weekly GIS modeling/meetings
    - Talking about data collection coordination
      - Some of the tech they will be using is new
      - Will be working with ESRI
    - Will be talking scenario planning on Friday
      - Will be going over difference between CSZ 9.0 and other fault lines as well as a CSZ at different times of day
    - Will be kicking off collection from counties as soon as they have a GIS kickoff workshop
    - Some of the partners will be able to work through the GIS hub they are creating
    - Will eventually turn this into a public product
    - ArcGIS, the HUB and Survey 123
  - Question/Comment: from Kirk Holmes (Perteet Inc): Option is to talk about ArcGIS story map that will let you tell the story as you go
    - Answer: it is a discussion that they have been having internally and it is an option to help others who don't have GIS access.
- **CR 22 Planning – Laura Hann, WA EMD**
  - We are moving forward with the CR22 exercise
  - Have identified the two core capabilities that will be primary focus:
    - Infrastructure Systems
      - Critical Transportation
      - Energy Assessment and Restoration
    - Mass Care Services
      - Evacuation
      - Shelter & Feeding
      - Housing (Short and Long Term)
    - Supporting Core Capabilities
    - All of the elements from FEMA X baseline objectives will be tested and we will be seeing these come into play
    - Extent of play agreements for CR22 are due by March 1<sup>st</sup>.
    - Reach out if you/your county has interest in CR22 even if you are unable to play
  - [9:19 AM] Sandy Eckker Thurston County DEM - Laura, is it possible to do one XPA for all jurisdictions in the county?
    - If you have the authority for signing for that jurisdiction, you can – if not, they need individual XPAs.
- **FEMA CSZ Planning Updates – Kate Grant, FEMA RX**
  - Community lifeline workgroups have been resumed over the next couple weeks
  - They will be taking a brief pause and allow for GIS to catch up
  - Taking level 1 HAZUS data runs and develop mapping structures for them
    - Developing storyboards and map books

- Product come mid-March
- Will be looking to do more 1:1 work with partners so that their planning does not get ahead of other planning efforts.
- Concurrent geographic breakdown:
  - Adding Alaska and Idaho to the planning effort
  - Aligned with WA Homeland Security Regions
- Will be overlaying HAZUS results with federal staging areas to determine viability of ISBs and logistics node locations
  - In the next couple weeks, they will be mapping using GIS and this will help identify priority areas to allow response to happen
- ISB identified at Boise Airport
- Discussion and feedback from state partners
  - There are a lot of other things going on – but we think we’ve found a way forward to highlight an area of focus
  - FEMA will be focusing on all the core capabilities/community lifelines
  - But the main core capabilities in working with state partners are:
    - Operational coordination
    - Situational Awareness
      - Trying to identify key areas that are to be surveilled/inspected that will help build the SA piece to inform decisions to enable the response to continue
    - Communications
      - How will we get eh respective branches to communicate with each other?
    - Transportation
      - Looking to build a picture from Day 1 to determine what we need to inspect and get open to get resources in?
      - What do we need on day 1, day 2, day 3 to allow response to occur.
- [9:30 AM] Sandy Eccker (Thurston County DEM)- Are you considering Ports in your transportation assessment?
  - We are talking to ports and we are looking at the first 14 days and we may end up looking at a port and see what it takes to get 1 port online
  - Will be looking at key assets that they can get back online within a short time
  - It is a bigger conversation
  - For this planning effort – they may focus on the one port that they CAN get back up
  - Kirk Holmes (Perteet Inc.)– King County is doing a RCPGP on ports
- Looking to finalize Milestone 1 this week and moving into Milestone 2 which is the gap analysis. Milestone 3 is prep for a transportation feasibility analysis they are doing
- Looking to start working the design of the critical capacity workshop
- In progress review on 3<sup>rd</sup> day of risk meeting in March 2021
- Elenka Jarolimek (Seattle OEM)– how is this planning being scaled for large metro areas?
  - Big urban areas, have key infrastructure
    - Will be working with state partners to identify key priority locations



- Within the branches they have divisions built out – and those division are focused on major cities.
  - From the map it didn't show how you would divide those large metro areas
- Amy Gillespie (Pierce County DEM) – how does the federal planning effort tie into the state and local planning efforts
  - In a perfect world we would like all planning efforts to align up perfectly
  - Working with state partners and trying to align as best we can
  - Looking to have a completed plan by December of 2021.
  - Looking to get resource prioritization by May for the transportation feasibility analysis
  - They realize they will have to take a stab at some of those key elements themselves, but they are trying to work with their state partners in the spirit of alignment.
- Michael Roberson (WA EMD)– we will be working with federal partners to align our planning
  - Restarting the critical transportation outreach piece and as we go back into that effort and identify those routes, we will work with the FEMA and make sure they are aware of those routes.
  - We will work on system restoration and critical transportation to identify gaps and will work with FEMA to identify those response priorities.
- Shane Moore (WA EMD) – we need to iron out exactly how we work with each other first, then a lot of these questions will be answered. That is one of the most important things to get done as soon as possible.

### [Water] Infrastructure Systems – Shane Moore, WA EMD

- [Water] Infrastructure Systems Workshop portion
- Problem Statement
  - Q from Nichole Benardo (WA EMD)– would there ever be an instance in which we would not use established water systems
    - Kim Moore (DOH) - There may be the ability to set up a temporary water storage system instead of a water system
    - Chris McMeen (Confluence Engineering)
      - In a CSZ – some of the large population centers would be without water in a day
  - Kimberly Moore (DOH): Should water just focus on mass care?
    - Water to a population is completely different than water to mass care/businesses/schools?
  - Michael Roberson (WA EMD): Two big sections to potable water
    - Treatment side and distribution side
      - Alternate means to distribute potable water
    - In terms of providing for mass care
      - Work on way to treat water AND
      - Work on way to restore distribution systems
  - Chris McMeen (Confluence Engineering)
    - Are we talking potable water supply or equally waste water systems which factors into hospitals and how they respond to disasters?

- Michael Roberson (WA EMD) This particular effort is focus on potable water and there will be a separate effort for wastewater knowing that they tie in together.
  - Elenka Jarolimek (Seattle OEM) – would form the statement with restoration timelines which ties in with mass care.
    - Shane Moore (WA EMD) - Looking specifically at developing capability targets which might not be time-based but trigger-based.
- [10:06 AM] Inman, Shane (WSDOT)
  - Possible short- and long-term solutions dependent on raw water availability and type ROPU (Reverse Osmosis Purification Unit) use by the military, federal government and private sector.
    - [10:15 AM] Roberson, Michael (MIL)
      - That's a good point Shane Inman. I expect that we will identify ROPU as a potential resource to fill the capability gaps related to providing potable water to support mass-care
- 10:10 AM Zolman, Lisa (MIL IT)
  - Do we have a role in insuring people aren't price inflation due to demand... thinking about what we've seen in Texas and other disasters?
    - Shane Moore (WA EMD) Hopefully, that conversation will result from this planning
    - [10:15 AM] Chris McMeen (Confluence Engineering)
      - Good question - pricing models and regulatory structure are very different in the PNW, making the kind of thing happening in Texas with utilities unlikely. Hotel rooms may be different story.
- Kimberly Moore (DOH)
  - ROPUs – we do not have enough to supply water for our state
  - Rates are fixed and rate changes need to be voted on.
  - [10:17 AM] Chung, Allen (CISA)
    - Good point Kim, where would the water be used/prioritized towards (Fire Fighting, community watering, industrial, Critical Infrastructure)
  - [10:19 AM] Moore, Kimberly A (DOH)
    - Allen, the prioritization of water use is set at the individual utility or PUD level. Direction is given by board of directors or elected officials (city/county).
- Kirk Holmes (Perteet Inc)
  - Comment about Problem Statement:
    - The human resource need is not on the problem statement – we should consider the human need.
    - You need the Who's to do the what's.
    - Russell Porter (Gray & Osborne, Inc.)- Kirk's point is a good one. In addition to certified personnel there is also access to equipment and materials that needs to be considered.
      - Shane Moore (WA EMD) - It's not just the personnel that operate the infrastructure, but contractors such as certified welders, etc.

- [10:20 AM] Roberson, Michael (WA EMD)
      - Excellent point Kirk, there needs to be a discussion about how the capability target will be affected by lack of personnel
- [10:22 AM] Zolman, Lisa (MIL IT)
  - I'm hoping we're thinking of a GIS map/survey 123 app to help with identifying the sources...??
- [10:22 AM] Jarolimek, Elenka (Seattle OEM)
  - Clarity on the roles and responsibilities of the Public Utilities vs Water Companies within WA State in providing potable water during an incident and in restoration of the infrastructure.
- Michael Roberson (WA EMD)
  - Another good point of discussion, that is one reason we identified operational communication, operational coordination, and situational awareness as necessary core capabilities to ensure the primary capability can be enabled
- Laura Hann (WA EMD) – do we have a planning assumption that we will have communication capabilities?
  - [10:24 AM] Chris McMeen (Confluence Engineering)
    - Each utility has its distinct water service area, with many intertied in the urbanized environment. Generally each utility would be focused on restoration of its service area, recognizing WAWARN and other resource sharing tools.
  - Kirk Holmes (Perteet Inc) – communication is one of the human factors as well
  - Michael (WA EMD) - Will need to make the connection with those supporting core capabilities. Will need to document how those activities occur now, what they rely on and what their backup is.
  - Chris McMeen (Confluence Engineering)
    - On the communication question - sub-regional solutions have been developed; the major Pierce Co. water purveyors share a common radio link to enable some measure of post-event communication. May be a model to look at.
  - [10:31 AM] Moore, Kimberly A (DOH)
    - communication encompasses, communication to customers telling them water is unsafe to drink, or what uses, water is safe for, communication within your utility, and communication to external entities like county EMA, state, etc.
- [10:30 AM] Roberson, Michael (WA EMD)
  - It is possible to have a catastrophic water failure on it's own. In that case we could use this portion of the CIA to just address water infrastructure restoration and providing water for mass care
  - [10:31 AM] Sabarese, Robert (WA EMD)
    - Good call Michael, that will fit in well with FEMA RX Core Cap. for Mass Care (Shelter services)
- Chris McMeen (Confluence Engineering)
  - Drinking water systems are 2 main things

- Potable water systems and firefighting systems
- Would firefighting systems take precedence over restoring potability?
  - That would need to be answered first
- Evidenced from previous events is to get water back as quickly as you can and THEN restore potability.

## Mass Care Services – Nichole Benardo, EMD

- Problem Statement - Components
  - Laura Hann (WA EMD)
    - Mass Care planning should not only address the establishment of services, but also the communications of those services to the public.
  - Travis Linares-Hengen (WA EMD)
    - The move from congregate to non-congregate sheltering is best addressed later in planning (such as in ESF 6 and non-catastrophic planning)
    - When discussing the functions of staffing and equipping shelters it needs to be clearly understood what “temporary housing” entails and is defined as. This definition is important when these plans are created so that we all understand the same use of these terms.
  - Michael Roberson (WA EMD)
    - Good questions about defining where the dividing line is between catastrophic and all-hazards. Post-catastrophic environments will have additional steps that need to occur, such as the inspections (and re-inspections) of shelters post-earthquake.
  - Laura Hann (WA EMD)
    - It’s important that we also address how we inform people of how we get them to services.
  - Michael Roberson (WA EMD)
    - This planning should try and determine what services we are planning for since mass care is so broad. Also, based on other planning efforts and this iterative process, planning should determine routes to shelters that will survive and can be accessed. For example, it might become necessary to use evacuations as a “release valve” to relieve pressure on the sheltering capabilities/capacities of jurisdiction.
  - Travis Linares-Hengen (WA EMD)
    - It’s important to note in this planning that the Red Cross will be tapped out and likely not be available.
  - Cathe Guptill (Red Cross)
    - The Red Cross is self-aware of their limitations during a large-scale or catastrophic incident. The availability of volunteers in the impacted area will be limited. Focusing on shelter-in-place strategies is important and may help relieve the burden on sheltering reliance.
  - Nichole Benardo (WA EMD)

- Provided a sample discussion based on spontaneous sheltering as demonstrated by the owner of a mattress store who provided sheltering that turned into an adhoc shelter.
  - Cathe Guptill (Red Cross)
    - Great point about the mattress example. This demonstrates the value of the assessment piece for pre-incident planning. Where would people spontaneously gather? As seen in other disasters, people typically gather outside of buildings (e.g. stadiums).
  - [11:03 AM] Roberson, Michael (WA EMD)
    - That may be a good planning assumption that there will be adhoc shelters that will need to be supported
  - Kirk Holmes (Perteet Inc.)
    - Need to loop in large private sector organizations to find out what their plans are for providing Mass Care Services for their employees
- Problem Statement – Discussion
  - Travis Linares-Hengen (WA EMD)
    - Should we strike the disaster welfare information sub-component this might be more all-hazards planning
  - [11:10 AM] Jarolimek, Elenka (Seattle OEM)
    - Bulk distribution, feeding and hydration are one in the same.
  - Cathe Guptill (Red Cross)
    - Disaster welfare information is important for reunification (such as for people that have been dislocated and need to get back to their families)
    - Resource needs are reduced for bulk distribution if shelter-in-place is utilized
  - Laura Hann (WA EMD)
    - Suggest that we break apart these functions and then prioritize them
  - Stephen Finley (Red Cross)
    - A lot of this is based on the impact zone. Grays Harbor is a different set of circumstances from Seattle. Which is are focused on?
  - Cathe Guptill (Red Cross)
    - Build a playbook that addresses the population needs for trigger-based planning. This planning is based on a disruption of people’s needs and then addresses and prioritizes their needs
  - Michael Roberson (WA EMD)
    - I Like the idea of looking at different settings and situations, and accounting for different people actions (i.e. waiting to go home, those seeking shelters, people that immediate self-evacuation). Then, looking at the different types of mass care options based on these factors. This could also result in different types of planning based on predicted damage.
  - Kirk Holmes (Perteet Inc.)
    - Should we be looking to address situations like what we find ourselves in right now, such as sheltering considerations during a pandemic?
  - Laura Hann (WA EMD)

- Consider evacuation messaging, such as messaging that says that evacuations are mandatory based on lack of resources.

#### Good of the Order/Open Forum – Nichole Benardo, EMD

- Shane Moore (WA EMD)
  - Thank you all for the excellent discussion today! I look forward to taking this enthusiasm into the individual workgroups.
- Nichole Benardo (WA EMD)
  - The Q2 SCIPT Meeting will be on May 26<sup>th</sup>, 2021