

Minutes of the
Thursday, July 20, 2023 meeting of the
State Interagency Hazard Mitigation Team (State IHMT)

Meeting location: Room #208, 2nd floor, 3930 Fairview Industrial Drive SE, Salem, 97302 or Zoom

1) *Welcome*

Stephen opened the meeting at 9:02 a.m. He introduced Hannah, who had her first day as the State RiskMAP Coordinator this past Monday.

2) *Introductions*

The following 39 people participated in the meeting:

Department of Administrative Services (DAS)
Department of Environmental Quality (DEQ)

Division of Financial Regulation (DFR)
Building Codes Division (BCD)
Dept. of Geology and Mineral Industries (DOGAMI)
Oregon Health Authority (ODA)
Dept. of Land Conservation and Development (DLCD)

Oregon Dept. of Emergency Management (OEM)

Oregon Department of Forestry (ODF)
Oregon Partnership for Disaster Resilience
Department of State Lands (DSL)
Public Utility Commission (PUC)
Oregon Department of Transportation (ODOT)
Oregon Water Resources Department (OWRD)
Oregon Watershed Enhancement Board (OWEB)
Confederated Tribes of the Umatilla Indian Reservation
Confederated Tribes of Coos,
Lower Umpqua, and Siuslaw Indians
Federal Emergency Management Agency (FEMA)

U.S. Army Corps of Engineers (USACE)
WSP USA

Jenny Potter
Don Pettit
Kimberlee Van Patten
Wes Risher
Karla Martinez
Warren Jackson
Christine Appleby
Amelia Reynolds
Matt Crall (in person)
Deanna Wright (in person)
Trisha Patterson (in person)
Rachel Six
Cynthia Smidt
Katherine Daniel
Marian Lahav
Susan Millhauser
Stephen Richardson (in person)
Althea Rizzo
Alex Perkins (in person)
Hannah Fattor (in person)
Janine Mayer
Jason Gately
Anna Feigum (in person)
Joseph Murray (in person)
Christie Shaw (in person)
Michael Howard
Mike De Blasi
Lisa Gorsuch
Jessica Gourley
Alyssa Rash
Renee Davis
Bob Fossek

Armando Martinez
Christine Brown
Erin Cooper
Mary DeBacker
Rynn Lamb
Paul Sclafani (0955 on)
Trevor Clifford

3) Act on draft minutes from the April 20, 2023 meeting

Stephen facilitated. Joseph admitted that he only distributed the previous meeting minutes approximately 5:00 p.m. yesterday and attached them to the calendar invitation. Alex moved to approve the minutes as drafted; Althea offered a second.

4) Public comment

Stephen facilitated this agenda item also. There was no public comment.

5) Update on state climate change work (vulnerability assessment, Adaptation Framework Implementation Team, and the Community of Practice)

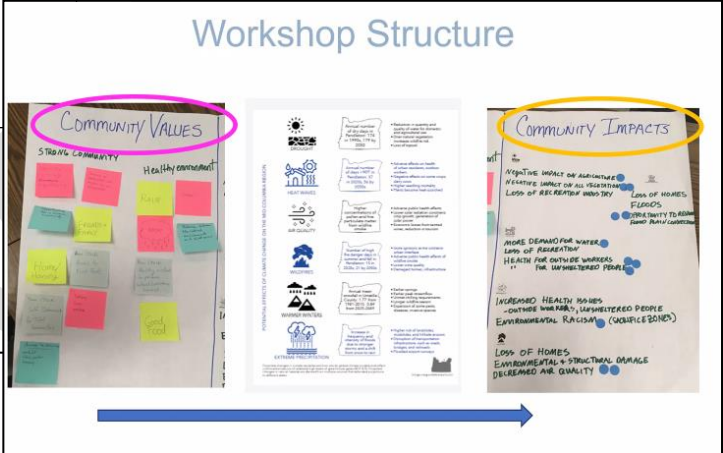
Chris Shirley noted that State IHMT members are welcome to participate in her weekly meetings which occur on Fridays from 10:00 to 11:00 a.m. (she also put the information in the meeting chat):

Building a Community of Practice around Climate Change Adaptation

- Weekly Climate Change Adaptation Framework Implementation Team Zoom call:
 - <https://us02web.zoom.us/j/81253291216?pwd=N3FwaWltcUllYnFiQlJjeHhtdERHdz09>
- Meeting ID: 812 5329 1216
- Passcode: 405348
- One tap mobile
- +13462487799,,81253291216#,,,,*405348# US (Houston)
- +16694449171,,81253291216#,,,,*405348# US

She has been working on climate change adaptation during the most recent two years of her career at DLCD. The work had begun with the Climate Change Adaptation Framework (CCAF), completed in 2010. Chris led in its update with an emphasis on making it more actionable. This work included 12 workshops around the state.

Chris then talked a little about work done with IPRE at the University of Oregon on producing a *Social Vulnerability Assessment Report* for the State of Oregon. She'd like to present at a future meeting.



PEOPLE Focused Framework Recommendation

Social Vulnerability Assessment

Produced with assistance from IPRE

METHODS

- Desktop Research
- Interviews
- Survey
- Workshops

Desktop Research

Literature Review **Data Analysis** **Visualization**

Climate Change Vulnerability Index

6) *Silver Jackets (Flood Mitigation Subcommittee) and NFIP updates*

Deanna said that she is excited about the hiring of the new RiskMAP Coordinator, Hannah. Deanna noted there are about six flood mapping projects that Silver Jackets (SJ) is tracking. She talked about SJ development of a new Informational Hub website (current flood situation, mapping layers, DOGAMI info., SJ stories and promotions) which may be found at <https://orsilverjackets-geo.hub.arcgis.com/>. She noted the 10-year anniversary of Oregon SJ, celebrated today! Deanna's NFIP program at DLCD continues to have 2.0 FTE during the next FFY, she and Rachel.

Deanna then talked about a recent well-attended L0273 Course in Eugene on Floodplain Management. She noted the upcoming September NORFMA¹ Conference in Spokane. She talked about HB3382² and HB3442.³ She talked about an extension of the comment period on the Oregon BiOp – an extension which closed on June 26;⁴ model code,⁵ NFIP checklist,⁶ community compliance plans,⁷ and habitat conservation plans.⁸

Paul talked about changes in reservoir operations due to new science on atmospheric rivers; the USACE is developing an Oregon planning team that will be looking for state participation. OWRD has the lead role at the state level. The project is scheduled to run for five years; we are in year one; the planning team is still being formed. We can go through Paul, but Salina Hart⁹ has the Portland District lead role. FIRO is the name of the project; Forecast Informed Reservoir Operations.¹⁰

USACE and BPA work very closely together due to the power component of dam operations. Over time environmental mitigation has had an increasing cost. USACE has asked Congress about the consequences of halting power production. Congress has asked for a report. Not doing power production would not result in loss of the dams, but would affect the way they are operated to better serve environmental needs.

7) Update on local-tribal mitigation work being done by DLCD, OPDR, and DOGAMI

Susan took the lead. She noted the recent approval of the update City of Albany NHMP, and noted that they have kicked off the Warm Springs NHMP update. The Linn County NHMP update is in progress; it includes an update to the CWPP¹¹ as well.

Michael talked about the program he runs at the University of Oregon, OPDR¹² as well as the RARE Program. He noted that Gianna Allesi's service to RARE runs out at the end of next week, so he'll be handing off finalizing the Clackamas County NHMP to another student. He talked about a RARE member in Lane County who led in the update of that NHMP. Another RARE student has been working with Lincoln County on the update of that CWPP.

¹ NORFMA = Northwest Regional Floodplain Management Association <https://norfma.org/>

² Allows local government to adopt land use exception to Goal 16 under certain conditions for applications for deep draft navigation channel improvements in Oregon International Port of Coos Bay.

³ Authorizes local governments to allow, prohibit, require zone change for or subject to conditional use permit development of certain affordable housing on certain lands within tsunami inundation zones or 100-year floodplains.

⁴ Deanna wrote in the chat, "staff can track the FEMA Bi-Op at this website: <https://www.fema.gov/about/organization/region-10/oregon/nfip-esa-integration>"

⁵ https://www.oregon.gov/lcd/NH/Documents/DLCD_Final_FEMA_Approved_OregonModelFloodHazardOrdinance_10232020.pdf

⁶ https://www.fema.gov/sites/default/files/2020-07/fema_model-code-coordinated-ordinances_version-3_checklist.pdf

⁷ See page 28 of https://www.fema.gov/sites/default/files/documents/fema_draft-oregon-implementation-plan_10052021.pdf

⁸ See page 23 of https://www.fema.gov/sites/default/files/documents/fema_draft-oregon-implementation-plan_10052021.pdf

⁹ salina.n.hart@usace.army.mil

¹⁰ See, for example, https://wots.el.erdc.dren.mil/assets/documents/FIRO-USACE_Fact_Sheet-Jul2021.pdf

¹¹ CWPP = Community Wildfire Protect Plan

¹² OPDR is the Oregon Partnership for Disaster Resilience; RARE is Resource Assistance for Rural Environments – both are part of the Institute for Policy and Research and Engagement (IPRE) at the University of Oregon: <https://ipre.uoregon.edu/>

8) Update on Hazard Mitigation Assistance (HMA) grants

Non-Disaster (10)	Post-Disaster (14)
FMA17 (FEMA CO)	FMS102 (FEMA CO)
PDM18 (1 st POP Extension)	DR4328 (FEMA CO)
PDM19	FMS195 (1 st POP Extension)
BRIC20	FMS285 (CLP)
BRIC21	DR4432 (1 st POP Extension)
FMA21	DR4452 (1 st POP Extension pending)
BRIC22	DR4519
FMA22	FM5327
PDM22 (CDS)	DR4562
PDM22 (CDS)	DR4599
	FM5394
	DR4499
	FM5446 (App Period Open)
	FM5457 (App Period Open)

The State Hazard Mitigation Officer (SHMO), Anna, summarized Oregon’s 24 HMA open grant rounds, noting that the ones in yellow are in “close-out” including one in what is known as the “Close-Out Liquidation Period (CLP).”

“Non-Disaster” refers to BRIC,¹³ FMA,¹⁴ and PDM.¹⁵ CDS is a reference to Congressionally Directed Spending. “Post-Disaster” is the Hazard Mitigation Grant Program (HMGP).

The +x below reflect changes since the April State IHMT meeting. With regard to Non-Disaster grants, there have been no new awards since our April meeting.

Currently Working
24 Non- and Post Disaster Open Grant Rounds

Post Disaster

- 11 subapplications in OEM technical assistance
 - Application period:
 - FMS446 (September 27, 2023)
 - FMS457 (March 31, 2024)
- 77 subapplications are in FEMA review queue
- 103 subgrants are awarded
- 10 subgrants are in closeout
- 2 grants in FEMA closeout (5102 & 4328)

Non-Disaster

- Oregon submitted for the second highest amount of BRIC funding in the country for FY23
 - 24 subapplications submitted for BRIC/FMA
- 25 open subgrants
- 8 in closeout

Subgrant Award Overview

Post-Disaster CY2023

- Added FMS457
- 29 (+19) post-disaster subgrants awarded, incl. 4499 SMC
 - Current working around 103 subgrants (not including those in closeout)
- 7 (+1) grant rounds (FMS195, DR4432, DR4599, FM5327, DR4562, FMS394, DR4499)
- Total Federal Share: \$7,319,340.91 (+\$4,793,287.34)
- Total Management Costs: \$340,636.62 (+\$264,371.64)
- Closeouts Completed
 - 8 subgrants
 - 1 grant

9) Update on the grant for the Oregon NHMP; update on the State Risk Assessment Upgrade Project

Marian noted that we still await the BRIC grant for the Oregon NHMP update. The State Risk Assessment Upgrade Project, funded under HMGP, is intended to come up with a more science-based state risk assessment that will include social vulnerability, inform the Oregon NHMP as well as other state planning projects, and also be able to be used by our local and tribal customers. She noted that there have been a number of meetings on the risk assessment project since March.

10) *Other business*

a) Update from state agency representatives on mitigation-related matters from the recently ended session of the Oregon Legislature:

Matt indicated that DLCD has a new program called *Community Green Infrastructure Grants*, which will include improved stormwater management, planting trees, etc., all things that will reduce the impacts of some of the hazards we are concerned about. DLCD will need an advisory committee for this new grant program. Total funding is \$6.5 million, and this funding will be able to bridge into future biennia. DLCD also received fairly opened-ended legislative authority to do more wildfire mitigation work.

Christina noted that DOGAMI has been given a drought related position.

¹³ BRIC = Building Resilient Infrastructure and Communities

¹⁴ FMA = Flood Mitigation Assistance

¹⁵ PDM = Pre-Disaster Mitigation

Mike talked about “abandoned and derelict vessels” along the Columbia River, noting that DSL has been “raiding the school fund” to pay for addressing this challenge. This session the Oregon Legislature provided an \$18.8 million investment with funds from the Monsanto settlement to take on this problem.

Christie talked about the landscape resilience project funded at about \$10 million that will likely be able to be spent over more than one biennia. Some of this will go to defensible space (smaller landowners) and some to large fuel breaks (larger landowners). She also talked about Senate Bill 80, the “hazard map fix bill.” They are calling this HazardMAP with three hazard classes. ODF will start working with counties in September to vet out the maps; they will have a lot of public meetings. This will result eventually in an update to the Oregon Explorer.

Renee Davis talked about wildfire recovery and drought relief funding that they were able to carry forward.

Christine wrote in the meeting chat, “If you’re interested in channel migration zones, please take a look at DOGAMI’s story map: <https://storymaps.arcgis.com/stories/cf3ca1851659432aa8dace4ee51d09d5>”

- b) Assessment of hazardous material threats following a CSZ earthquake (*Risk of Earthquake-Induced Hazardous Materials Releases in Multnomah County, Oregon: Two Scenarios Examined*, prepared by PSU Institute for Sustainable Solutions)

Don noted that this assessment is focused on chemicals with an inhalation hazard. One concern is how to develop an evacuation plan. They looked at 70 facilities the LEPC¹⁶ tracks, and then focused on four of those, modeling where the plumes could go post CSZ¹⁷ event. The report has not been released. Don suggested that we approach Chris Voss and Alice Bush with the county. They are hoping this will spur legislative action.

- c) Other

Stephen asked for State IHMT help on how to allocate the approximately \$6 million balance from House Bill 5006 state match money that the Oregon Legislature is going to let us carry-forward and use. It is tied specifically to HMGP grant rounds. Stephen noted that OEM continues to grow, and we just celebrated our first birthday as a department. He then talked about OEM stepping-up our risk assessment and monitoring. This is an area that has been identified where we need to do a better job (identified by FEMA). This monitoring will examine programmatic risk and grant management risk.

Rynn talked about how super excited they are to have Oregon’s RiskMAP Coordinator on board. Rynn said there is a lot of existing RiskMAP work going on and a lot of new LIDAR that will be available during the next few years. Rynn also noted Ted Perkins’ change in jobs from RiskMAP into dam safety, so they are down to one engineer, Dale Meck. She talked about the public open house coming-up on the RiskMAP project for the Middle Columbia Watershed in Sherman County on September 7. Meanwhile, they are revising the Hood River County maps for the Middle Columbia – Hood River Watersheds, so a public event there is probably a ways off. FEMA received a lot of comments due to the Lane County Open House, which will likely result in map revisions.

11) *Develop agenda items for October meeting*

Althea will be talking about the GeoHazards Program work at OEM: what we’re working on, what has been accomplished, and what we have on the horizon. Stephen will invite the new State Resilience Officer to introduce herself and say a few words. We may also take on the Multnomah County thing above.

12) *Adjourn*

Stephen adjourned the meeting at 10:42 a.m. ***The next regular meeting is scheduled for October 19, 2023, 9:00 a.m. to 11:00 a.m. It will be a hybrid meeting.***

¹⁶ LEPC = Local Emergency Planning Committee

¹⁷ CSZ = Cascadia Subduction Zone (earthquake hazard)