

[The State IHMT has made a decision not to print meeting minutes to paper, so if you want a paper copy, please make one for yourself.]

Draft Version #3 of the Minutes of the
October 19, 2017 meeting of the
State Interagency Hazard Mitigation Team

Meeting location: This meeting was held in the main OEM Conference Room within the Donald N. Anderson Readiness Center in Salem.

The following people participated in the meeting:

Governor's Office, State Resilience Officer	Mike Harryman
Oregon Partnership for Disaster Resilience (OPDR)	Josh Bruce (by telephone and webinar)
Department of Environmental Quality (DEQ)	Don Pettit (by telephone and webinar)
Office of State Fire Marshal (OSFM)	Michael Heffner
DCBS, Division of Financial Regulation	Kevin Jeffries
OHA, Public Health Division	Eric Gebbie (by telephone and webinar)
	Akiko Saito (by telephone and webinar)
Dept. of Geology and Mineral Industries (DOGAMI)	Bill Burns
Dept. of Land Conservation and Development (DLCD)	Matt Crall
	Marian Lahav
	Dave Lentzner
	Tricia Sears
	Julie Sepanik (NOAA Coastal Fellow)
	Chris Shirley
Department of State Lands	Lauren Brown
OMD, Office of Emergency Management (OEM)	Clint Fella
	Angie Lane
	Joseph Murray
	Althea Rizzo ¹
Oregon Watershed Enhancement Board (OWEB)	Eric Hartstein (by telephone and webinar)
Federal Emergency Management Agency (FEMA)	Frank Fungone (by telephone and webinar)

The following were distributed during or prior to the meeting:

- *Meeting agenda*
- *State IHMT Mission and Goals* (agenda item #2b)
- Governor's Kitzhaber's March 4, 1997 press release (agenda item #2c)
- Untitled table on FMA, PDM, and FMAG open grants in Oregon (agenda item #3)
- FEMA.gov screenshot with PDM17 applications from Oregon (agenda item #3)
- *2020 OREGON NHMP UPDATE* (agenda item #5)
- *2020 Oregon NHMP Update Proposed Schedule* (agenda item #5)
- excerpts; *Executive Summary* from "enhanced" portion of Oregon NHMP (agenda item #2 and #5)
- *Sea Level Rise Exposure Inventory* (agenda item #8)

[Email joseph.murray@mil.state.or.us for a copy of one or more meeting handouts.]

1) Introductions

Angie opened the meeting at 9:09 a.m. with introductions.

¹ Althea was able to attend the meeting only after the Great Oregon ShakeOut due to her role in making the ShakeOut happen.

2) State IHMT roles, responsibilities, and administration

Angie provided a bunch of handouts (see previous page).

- a) Shall we work to make the State IHMT a statutory body? (Should we operate formally or informally?)

Clint took the lead. He talked about the informality that has existed in the past and OEM's desire to formalize the State IHMT.

Mike suggested we make the State IHMT a committee under the OERS Council, which already exists, and not go the statutory route. Once that is done, then do something via rule, i.e. OAR.² Chris agreed with this idea, which had considerable support.

Don suggested that the State IHMT be organized under Mike's office. Mike said that he is open to putting this under his portfolio.

There seemed to be a consensus to not go the statutory route.

Mike said that the quickest and easiest way to do this is to include it with another rule on which OEM is already working. Mike said we could do a temporary rule, which has more flexibility.

Marian suggested not waiting to take action since it's taken the State IHMT a number of years to get to this discussion.

- b) Review, maybe revise the State IHMT Mission and Goals³ document

Angie said that we ought to take another look at our Goals, and asked State IHMT Members to do this prior to the January meeting with the idea that we may revise them then. Clint said we ought to take a look at our goals annually.

- c) What are the roles and responsibilities of the State IHMT?

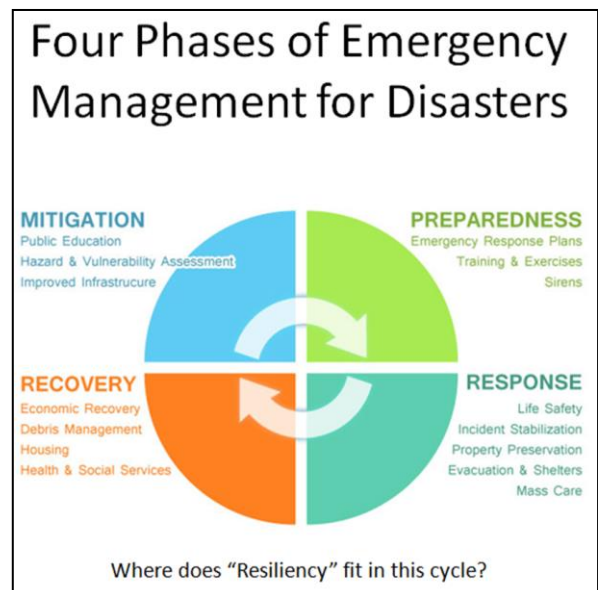
A handout was provided on the original mandate: Governor's Kitzhaber's March 4, 1997 press release.

Chris asked about the link of the State IHMT to long-term recovery.

Post-fire recovery was discussed, including economic recovery, which is being led by a team that Governor Brown has put together. A meeting the Governor has scheduled in Brookings was noted, as well as the Economic Recovery Cabinet meetings that have been scheduled.

Don Pettit showed a graphic of the Four Phases of Emergency Management for Disasters (at right), and then we discussed what resilience means. It was agreed that resilience occurs in each of these four phases.

Don asked if OEM reports to a council or commission. Clint noted that we do not. Don then talked about how the OERS Council serves as an advisory body to OEM.



² OAR is Oregon Administrative Rule.

³ Please note that these are the State IHMT Mission and Goals, not the Oregon NHMP Mission and Goals, which will be updated following a different process and schedule.

d) What should be the relationship to Hazard Mitigation Grant Review Board?

Angie asked if we have ever used the Grant Review Board. Joseph noted that we have, perhaps most recently in 1996 or 1997 following the February 1996 Flood. It has not met recently. Angie used the full State IHMT in a similar role during the January 2017 State IHMT meeting. There were several people who thought that using the full State IHMT in this role makes sense. Joseph noted that he had formed the Hazard Mitigation Grant Review Board in 1990 or 1991 (prior to the existence of the State IHMT) to help him determine how to spend about \$50,000 in Hazard Mitigation Grant Program funding Oregon had received due to a Presidential Major Disaster declaration.⁴

There was consensus on these points: (a) There is no need for a separate Hazards Mitigation Grant Review Board as the State IHMT can function in that capacity; (b) Other people can be brought in as necessary for individual grant decisions; and (c) The State IHMT could hold special meetings as necessary to fulfill this function.

e) Shall we develop a charter and operating principles?

Angie was clear about wanting these, but figures that the OAR needs to come first. People seemed to agree.

f) Shall we develop a workplan?

This agenda item was tabled as well pending action on an OAR.

3) FMA⁵ and PDM⁶ 2017 update – projects moving forward

Angie provided a handout that showed PDM, FMA, and FMAG HMGPs⁷ by county. She said that total we have 94 projects going right now. She also had a handout of e-grants showing applications that are going to be submitted. Joseph agreed to email handouts to people who were on the phone and did not receive the handouts. Angie then talked about some of the proposed projects.

Mike asked about the “regions” which were being referenced with respect to local mitigation plans. Joseph said that these are the eight natural hazard physiographic regions. Joseph then displayed that map on the Mondopad and webinar.⁸ Mike asked Joseph to email this out to the State IHMT and also noted that it probably will make sense to tie the map into the proposed rule.

Chris noted that the Columbia County NHMP⁹ will be expiring and that we are going to try to fund it under HMGP.

*** The Great Oregon ShakeOut occurred here ***

Angie talked about some of the troubles that occurred with the FMAG HMGP pilots because of the way that FEMA does the environmental, historical, and archeological review process. She noted that both Douglas and Josephine counties dropped out. She is concerned about losing Wallowa County.

Josh asked about other HMGP awards, curious about an economic analysis project they have proposed for the Willamette Valley. Angie said that this award is coming.

⁴ After a bit of research, it turns out this was the HMGP from Presidential declaration FEMA-853-DR-OR which amounted to \$148,112 total (for the whole disaster) in federal share. In looking into this, it was also discovered that for this declaration, HMGP was a 50% federal, 50% non-federal share program (it is now 75%-25%).

⁵ FMA is Flood Mitigation Assistance.

⁶ PDM is Pre-Disaster Mitigation.

⁷ FMAG HMGP is Fire Management Assistance Grant Hazard Mitigation Grant Program, a FEMA pilot project offered only for the 2015 fire season.

⁸ These regions were developed during 2003 for risk assessment purposes to show similarities of natural hazards, climate, and geography. Early on, the OEM Management Team specifically indicated that the regions would have no other purpose, but – like a lot of other things – they took on a life of their own over time and are now used in other ways. They will be sent as a separate file.

⁹ NHMP is natural hazards mitigation plan.

4) Mitigation funding sources that are *not* FEMA

Marian brought a copy of pages from the Oregon NHMP Section 3.4.1.3 and noted that it contains a long list of possible mitigation funding sources.¹⁰ The list will be reviewed and made current during the 2020 update.

Mike talked about a program for coastal states and indicated that he will follow-up with additional information. Chris talked about an email message she receives monthly from FEMA Region Ten about funding opportunities. She will see that this is forwarded to the State IHMT in the future. Angie talked about FEMA not funding projects where another federal agency has responsibility.

5) Oregon NHMP– preparing for the 2020 update

Marian's presentation was provided as a handout.

She said we need to get started on the 2020 update. We are in the PDM pre-award period and can get started with activities in preparation for doing the actual work. The pre-award period started August 14, 2017 and will extend through December 29, 2018 unless the grant is obligated before then. "We are getting started today, here." Marian talked from her slides. In response to questions, Marian talked a bit about the review process, and allowing time for that process to play out. The proposed schedule provides six months for the review process. Given that, assuming obligation in December 2018 and contracting with OEM in January 2019, we will have from February 2019 through March 2020, only 14 months to do the actual work of updating the plan. Therefore, we will need to focus our efforts during those 14 months. She talked about the disparate risk assessment methodologies we have at present. She talked about several recent, unsuccessful efforts to obtain funding to fix this. We will put our greatest efforts into improving the risk assessment with the data and tools we have available and adjusting the goals and mitigation actions to better reflect risk. We will put together a work group to review the data and tools and determine how the risk assessment will be conducted for this update. This preparatory work will be done during the pre-award period.

Chris said that she and Marian are going to work-up a survey to see what hazard data and methodologies we have to work with. Chris also talked about wanting a more quantitative assessment of climate change led by OCCRI¹¹. The survey will be conducted within the next month (due the day before Thanksgiving). Mike noted that there is a lot of data out there: PSU,¹² OSU,¹³ etc. Chris said "Load the truck."

We then reviewed the draft schedule chart. We have one more Annual Report on the 2015 Oregon NHMP to do. It is important to complete this final Annual Report in January 2018 so the group working on gathering data and how to conduct the risk assessment will have that information in a timely manner.

There have been some conversations outside of IHMT meetings about making changes to the suite of hazards we address in the State NHMP. Suggestions that have been made are shown on Slide #9 of Marian's PowerPoint presentation. During the January IHMT meeting we will be discussing whether to make those changes and any others that may be proposed between now and then. If you are a proponent of any of these changes or another, please come to the January IHMT meeting prepared to discuss the pros and cons of your proposal. Any changes the IHMT makes, particularly to drop a hazard from the list, must be justified in the 2020 Plan. The IHMT will make these decisions during the January IHMT meeting.

¹⁰ http://www.oregon.gov/LCD/HAZ/docs/2015ORNHMP/2015ORNHMPApproved/Approved_2015ORNHMP_15_MitStrat.pdf
Pages 186-204/248 of the PDF or
Pages 1193-1211 of the document (in the footer)

¹¹ OCCRI is Oregon Climate Change Research Institute.

¹² PSU is Portland State University.

¹³ OSU is Oregon State University.

Once the suite of hazards to be addressed is decided, we will discuss whether to prioritize them, and if so how. In the 2015 Plan we tried to give the same level of attention to all hazards. If we decide to prioritize hazards, the higher priority hazards will receive more attention in the 2020 Plan. Please come prepared to the January meeting having given some thought to whether to prioritize hazards, and if so, which should receive priority and why. Eric Gebbe, OHA, will work with Marian to guide the IHMT through this discussion to decision...

Marian is looking for non-federal cost-share comprised of state labor put toward the project. Mike volunteered for this.

There was a long discussion about estimated building loss evaluations that have been done, and what needs to be done moving forward.

Marian asked for approval to move forward with her gameplan, which was granted by acclamation.

What hazards should be addressed? What do we do about unequal granularity of data? Should we focus on just a few prioritized hazards? There was a long discussion on all of this. Eric (Gebbie) proposed multiple rankings. Marian said this will be a major topic of the January 2018 State IHMT meeting.

Angie asked if the Oregon NHMP update meetings are going to be separate meetings. Marian said yes. The only work we will do here is policy level work. The State IHMT will act in a way similar to a planning commission.

6) Update on local mitigation planning

Josh ran down the list of local NHMPs for which OPDR has provided assistance recently: Benton County, Washington County and two of its cities, Marion County and all but two cities, Multnomah County and four cities (this plan is currently "APA"¹⁴), Linn County and its cities, Polk County and cities, Josephine County and Grants Pass, Jackson County and participating cities, Clackamas County and participating cities.

Don noted that DEQ staff often have not been included in work on these local NHMP updates. Tricia noted that the Medford NHMP update is FEMA approved and that DEQ was included in its update. She noted that Tillamook County is also FEMA approved.

Tricia noted that for PDM16, she is working with the following eight counties: Harney, Lake, Malheur, Wheeler, Hood River, Wasco, Gilliam, and Sherman. Four have fully executed Intergovernmental Agreements with DLCDD. The other four are in process. Most of these counties have very little resources. Wasco County has the best resources. Josh checked to be sure Tricia has all the Microsoft Word copies of the NHMPs for those counties (which were previously written by OPDR). Tricia said that she has them.

7) Flood Mitigation Subcommittee ("Silver Jackets") update

Chris noted a project to pull all the Upper Sandy initiatives together. She also noted a handbook being developed for the burn scar areas from this summer's wildfires. Bill said that Multnomah County is working on a landslide/debris flow response plan. Both Bill and Chris suggested that these two projects be integrated in some way. Bill said that part of the plan will be an evacuation plan with triggering forecasts.

Chris talked a bit about the most recent meeting which was completely focused on levee issues. A follow-up meeting is to be scheduled during the next few weeks. The next meeting is to focus on the *Perishable Data Plan*.

She talked about the Carver Lake study (see also July meeting minutes): she mentioned the risk to Sisters and the very sophisticated modeling being used.

¹⁴ APA is "approvable pending adoption."

Mike said that the proposed State IHMT rule will need to note this subcommittee. Bill said that there will be another subgroup focused on landslides.¹⁵

Mike talked about a new GIS Council being formed under the state's CIO.

8) Other business/round robin

Josh noted that OPDR received EDA¹⁶ funding for its *Gaming the Eclipse* project in Central Oregon.

Don said that DEQ has announced that they are reorganizing. It should look a lot like one of the previous structures, however.

Julie talked a bit about her project. She had a handout, which she will provide electronically to Joseph to distribute. They are looking at sea level rise as a concern in the Oregon estuaries. They created a map viewer. A final report is coming out soon. We discussed the relationship between sea level rise and the uplift of the North American Plate. The net differs from one location to another on the Oregon Coast, and over time sea level rise will exceed the Plate uplift at all locations along the coast.

Lauren asked about our interest in derelict vessels and hazardous materials. There was a brief discussion. Joseph gave a brief history of the State IHMT occasionally expressing an interest in hazardous materials, but never really delving into this area. He added that we have consciously decided not to include hazardous materials in the Oregon NHMP.

Don noted some connections that we ought to consider. The roles of the OSFM and DEQ in this area were briefly discussed with Don making the good point that what the state does with response planning in this area is different from what we ought to consider doing for mitigation.

Angie talked about close-out work she is doing on FEMA-4055-DR-OR (the winter storm of January 2012). She talked about the HMA Workshop she had led the previous two days. She plans to also do one on the North Coast, in Eastern Oregon and Southern Oregon during 2018.

Bill Burns talked about four new releases, a levee inventory, channel migration, and east Multnomah County landslide inventory, and a LIDAR viewer. He said that they have an OHA hospital project getting underway. They are also about to publish a statewide data set on radon.

9) Action on draft minutes from July 20 meeting

Marian noted that Joseph had misspelled her name.

10) Develop agenda items for January meeting

While no additional agenda items were developed, there was a consensus that we are likely to need more time at the January meeting. Meeting from 8:30 a.m. to 12:30 p.m. was proposed. Mike said that we could meet before and after a lunch break. Joseph noted that the State IHMT could meet more frequently if that is desirable.

11) Public comment

There were no members of the general public present to comment.

12) Adjourn

The meeting adjourned at 12:10 p.m.

¹⁵ This is the Oregon Landslide Risk Reduction Team.

¹⁶ EDA is Economic Development Administration.