

SECOND DRAFT – REVISIONS HIGHLIGHTED

Minutes of the
January 18, 2018 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 Administrative Services (DAS)	Darrin Brightman (by telephone and webinar)
	Theresa Burcsu
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	Akiko Saito
Dept. of Geology and Mineral Industries (DOGAMI)	Jonathan Allan (by telephone and webinar)
	Bill Burns
Dept. of Land Conservation and Development (DLCD)	Matt Crall
	Marian Lahav
	Dave Lentzner
	Meg Reed (by telephone and webinar)
	Tricia Sears
OMD, Office of Emergency Management (OEM)	Clint Fella
	Angie Lane
	Joseph Murray
	Erik Rau
	Althea Rizzo
Oregon Parks and Recreation Department (OPRD)	Jay Sennewald (by telephone and webinar)
Oregon Department of Transportation (ODOT)	Greg Ek-Collins
Oregon Water Resources Department (OWRD)	Alyssa Mucken
University of Oregon, Chief Resilience Officer	André Leduc
Oregon State University (OSU)	Peter Ruggiero (by telephone and webinar)
Federal Emergency Management Agency (FEMA)	Brett Holt (by telephone and webinar)

[There was a lot of coming and going at this meeting; some of the people listed above participated in only a part of the meeting.]

The following were distributed during or prior to the meeting:

- Meeting agenda
- *Forest Practices Act Riparian Rule for Protecting Cold Water Rulemaking Advisory Committee Charter and Operating Principles* (agenda #3)
- *Oregon Campus Resilience Consortium Concept Paper* (agenda #4)
- *Oregon Landslide Risk Reduction Team (OLRRT) FINAL DRAFT v8 Charter – January 2018* (agenda #9)
- *Natural Hazard Mitigation Saves: 2017 Interim Report Findings and Frequently Asked Questions* (agenda #10.c)

1) Introductions

Angie opened the meeting with introductions at 9:05 a.m.

2) Action on draft minutes from October 19, 2017 meeting

No one had any additional comments on the minutes, which had undergone at least three drafts. Angie said we'll accept them as drafted unless Joseph hears about more changes or additions in the near future. [No further communication was received.]

3) Update on State IHMT Formalization

Angie summarized the previous State IHMT discussion, and a couple of meetings she and Joseph have had with Clint since then. She noted that doing this by Executive Order (EO) might be the best course of action. Mike asked, "What's your Plan B?" Mike said that obtaining an EO may not be as easy as it seems. Joseph noted that we are currently living off a Governor Kitzhaber press release.

There was then a discussion, mostly between Angie and Mike about possible paths forward, including an Oregon Administrative Rule (OAR) route that involves the OERS Council. Angie noted that she has experience writing OARs in her previous work at ODF, but that she feels uncomfortable being under an OAR tied to the OERS Council because of its response (not mitigation) focus.

Mike asked about the day that Governor Brown leaves office; will we still want to be tied to that EO? Will we need a new one? It was noted that a discussion needs to take place that would include – at a minimum – Heidi Moawad, Mike, and Andrew [Phelps, OEM Director].

Angie distributed a sample Charter, one she helped to develop at ODF. She called it "food for thought," and welcomed other example Charters.

4) Report from the Governor's Campus Safety Work Group

André first talked about the Higher Education Coordinating Committee which seeks to achieve the same standard of care at all of Oregon's universities and community colleges. He said that they would also like to bring the private universities along. He talked about a report the Governor's Campus Safety Workgroup produced, and noted that "mitigation is baked into continuity." He said that higher education is the second most regulated industry in the United States. He talked about how important post-secondary educational institutions are to their communities.

He said the Campus Safety Workgroup plans to develop three Type III Incident Management Teams (IMTs) to work in response, recovery, and continuity. The OSFM is helping them with this. The Universities are likely to be the first pilot for ShakeAlert in Oregon. André said that he would like to have better connections to the State IHMT, especially with regard to risk assessment.

He then talked about the Oregon Campus Resilience Consortium, which he described as being similar to the Showcase State concept.¹ He'd like the Consortium also tied into the State IHMT. He indicated that he would get someone connected back to the State IHMT.

Joseph asked about what universities in Oregon are legally? André said that the Governor appoints the Boards for each public university. Legally, they are similar to state agencies.

5) Envisioning a Resilient Oregon Coast

Peter talked about leading an interdisciplinary team on a seed project from the Sea Grant for the Oregon Coast. The name of the project is this agenda item title. They have developed a suite of scenarios for resilience planning/adaptation measures.

¹ The Showcase State was a significant hazard mitigation initiative approximately 15 years ago; it was led by the Institute for Business and Home Safety (IBHS). Oregon was the second Showcase State in the country. The State IHMT was a big piece of Oregon's Showcase State efforts, which André led.

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They have worked with Tillamook County and Grays Harbor County in Washington on resilience-adaptation. They did three workshops this past autumn in Newport, Seaside, and Coos Bay.

They reached approximately 50 high-level stakeholders with an interest in resilience/adaptation. This work is funded by Sea Grant “LEAF.”² Their work has expanded from chronic to acute hazards. He noted examples having to do with armoring versus other softer techniques. He talked about benefit/cost analysis being a part of their work.

Josh noted that some of the work is being tied to mitigation actions that were already included within coastal county mitigation plans. One thing the project does is look at alternative approaches to solving a desired mitigation action, so existing mitigation actions may be further examined by means of alternative future modeling.

6) Tsunami resilience

Meg became the presenter on the webinar, talking about her NOAA-funded *Project of Special Merit*, which is focused on using land use to strengthen tsunami resilience. She showed a list of the communities involved.

The first phase involves *Beat the Wave* modeling, and is being led by DOGAMI. Life safety is the first component. How does one make tsunami evacuation improvements? She showed a slide of Safe Haven Hill in Newport and noted the caches at the top of the hill. She said that *Beat the Wave* uses worst case scenarios, but the land use work may use lesser scenarios.

The second phase of the project is land use work involving tsunami hazard overlay zones, and seeks to limit new development and re-development to certain uses.

Kevin asked about communication with the public and businesses. Meg said that it is up to each community. Kevin then talked a bit about flood insurance which includes tsunami inundation. Althea noted <http://www.oregontsunami.org> Meg said that she works a lot with Peter. Meg said that this project will include lessons learned and best practices.

7) Oregon NHMP [standing agenda item] – beginning the 2020 update

a) Hazards to include?

Marian led this agenda item, saying that she “wants to make sure that we have the right suite of hazards.” She noted a recent on-line survey. Mike asked for information on who completed the survey – by agency. Marian said that she doesn’t know. Approximately 23 of 56 responded, but she has not examined it in that way thus far. She then summarized the survey results.

Mike asked, “How far do we go back with history?” Bill said, “In my world, we go way back.” It was decided that we’ll generally look at the most recent 100 years.

There was a long discussion about whether and how to add air quality as a hazard. Don suggested that we address air quality as part of our wildfire risk assessment. Theresa asked, “Do we have standards for addressing hazards?” Marian said “no.” **Eventually we decided to address it under wildfires, and if we include radon, there as well.**

We then did a “lump/split” exercise.

Jonathan suggested keeping our coastal hazards information lumped together, including sea level rise and high surf issues. Keep it named the coastal hazards chapter. **It was decided that ocean acidification would be a separate hazard if we decide to include it, and**

² LEAF projects are those that are longer term than seed projects.

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that ODFW would be the most likely champion. Marian agreed to speak with Caren Braby to make that determination.

We decided to keep the tsunami chapter and simply reference it in the coastal hazards chapter.

There was a discussion about what to do about the dust storms chapter that included possibly combining it with drought. Alyssa would prefer that if we keep the chapter, it not be lumped with drought.

There was a consensus not to split, but to lump the volcanic hazards information. DOGAMI and OEM will co-lead in its update.

We decided to keep climate change as-is, i.e., the “Introduction to Climate Change” section and then integrated with the hazards it affects.

It was noted that heavy precipitation is another thing that affects several other hazards.

Extreme heat was suggested as a new chapter. OHA agreed to be its champion.

OHA will also be a champion for radon, if we decide to include it. Bill offered to help OHA with the risk assessment aspects of radon, which is tied to geologic conditions.

It was decided to keep extreme cold as part of the winter storms chapter. It was decided to keep the wind chapter separate from winter storms.

Channel migration was noted as increasingly important, and not well covered on current flood maps. This will be better addressed in the flood chapter with this update, and potentially made its own hazard in future iterations as the topic matures.

We decided to address dam and levee failure briefly in the flood chapter and that they would be fully addressed in the THIRA.³

b) Prioritize them, and if so, how?

We then began a scoring exercise. This resulted in dust storms being dropped because it is a local rather than regional hazard. Available time being exhausted, but this work not being finished, Marian indicated that she would schedule a follow-up meeting to finish-up. [That meeting occurred on February 15.]

Marian plans to soon distribute status report forms for the existing 2015 version of the Oregon NHMP. These will need to be turned-around quickly.

8) Flood Mitigation Subcommittee (“Silver Jackets”) update [standing agenda item]

Dave noted that the subcommittee met on January 16. At that meeting, Andy Bryant of the NWS talked about the current winter. We have a very low snowpack; it looks a bit like 2015. We’d need a lot of snow moving forward to get to an average snowpack across most of the state. Also noted at the January 16 meeting was that the River Forecast Center is adding new gauges that will be integrated into forecasting. Paul talked about the *National Mitigation Investment Strategy*. Dave explained what this is. It was agreed that Joseph will forward this to the State IHMT membership. Dave talked about a two-year plan for mitigation work on the upper Sandy River, and also about John Day and Madras LOMARs⁴. A project is also underway focused on burn scar risk assessment for the Eagle Creek Fire. Finally Dave summarized mapping that is underway or on hold for one reason or another.

³ THIRA is Threats and Hazard Identification and Risk Assessment.

⁴ LOMAR is Letter of Map Revision.

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9) Oregon Landslide Risk Reduction Team – proposed subcommittee to State IHMT

Bill said that about one and one-half years ago, several state agencies and Governor's Office staff met with the idea of forming an Oregon Landslide Risk Reduction Team. Bill passed around a Charter. The group would like to become a subcommittee to the State IHMT. Bill is also interested in comments on the Charter. There seemed to be a consensus to make this a subcommittee. Bill would be happy to provide the Charter electronically. Angie pointed out that subcommittees have a standing agenda item to give updates to the State IHMT on progress with their work.

Bill also talked about a land use guide his team is putting together on landslides.

10) Other business/round robin

Angie facilitated this agenda item.

a) Update on local mitigation planning

Tricia provided an update on the eight county NHMPs she is helping to update (Harney, Lake, Malheur, Wheeler, Hood River, Wasco, Gilliam, and Sherman). Two of those have air quality as one of their natural hazards. Four will have risk reports in collaboration with DOGAMI. Harney will be the first plan in Oregon to include a Tribe (Burns Paiute). Wasco County is furthest along so far.

b) Climate change policy

Bill is looking for state policies that include climate change. Mike said he would connect Bill with another member of the Governor's staff.

c) Other

Kevin noted that during the week of September 15, a push is planned for doing home inventories (for insurance purposes). He would welcome our help publicizing this. He also noted that he would welcome help planning the event.

Angie talked about a new National Institute of Building Sciences report on the benefits of mitigation [more information on this was later distributed to the State IHMT by email].

11) Develop agenda items for April meeting

It was noted that the next meeting is scheduled for April 19 from 9 a.m. to 11:30 a.m. Angie said that this date is in conflict with the annual FEMA Region Ten Mitigation Summit. Do we want to reschedule the State IHMT meeting? Marian and Angie suggested the same time on April 26 instead. People seemed generally comfortable with this schedule change.

FMS, Landslide subcommittee, and Oregon NHMP are all standing agenda items. Joseph will solicit/arrange other agenda items for the April 26 meeting.

Matt requested that at the next meeting we talk about budget preparation and coordination of Policy Option Packages (POPs).

12) Public comment

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

13) Adjourn:

The meeting adjourned at 12:31 p.m.