



Linn County
Multi-Jurisdictional
Natural Hazard Mitigation Plan



OREGON
Department of
Land Conservation
& Development

Meeting Notes

Wednesday April 3, 2024 | 1:00 PM– 2:30 PM
Online via Teams only

Attendees: Katherine Daniel, Alyssa Boles, Kate Bentz, Julia Fox, Emerson Marsh, Kelly Hart, Elizabeth Coleman, Jason Rush, Joe Samaniego, Ron Whitlatch, Micki Valentine, Michele Eldridge, Matt Straite, Brandi Libra, Traci Archer, Jeff Carlson, Matt Williams

Review and Adopt 3/13/24 meeting notes: There were no corrections or additions suggested to these notes. Ric Lentz affirmed the notes without additions or corrections.

Updates on CWPP and IGAs: Katherine gave an update that the CWPP has been adopted and is in effect. IGAs are to be signed and approved by end of April. Katherine announced she had received some completed IGAs but not from every participating community.

Matt Williams DOGAMI Risk Assessment Presentation: The risk assessment is still mid-draft, results are not finalized and there are still some inconsistencies/data points to correct and fill out.

1. Background

DOGAMI is contracted to provide a risk assessment of specific hazards for the NHMP so communities can make informed decisions and identify specific mitigation opportunities locally.

2. Methods

The analysis is mainly looking at risk to structures within the NHMP study area for a select set of hazards (earthquake, flood, landslide, channel migration, wildfire, volcanic lahar). Analysis of critical infrastructure again, only looks at buildings, not other infrastructure (such as airport runways, bridges, water tanks, etc.)

Matt shares that as the Steering Committee views the results, we should be careful about comparing a hazard with other hazards, hazards are very different from each other. Hazard comparison should be done cross community not cross hazard (e.g. comparing landslide risk in Sodaville and Sweet Home, not comparing landslide and wildfire risk in Sodaville). Another thing to watch out for is that “Exposure” is different from “Damage”- e.g. the dollar value of buildings exposed will make up the total value of those buildings, the dollar value of damage may be partial values of those buildings- reflecting that not all damage equals total loss.

3. Results (see presentation slides in Box)

- Earthquake- comparison of Cascadia and crustal (fault line) earthquakes is ok because it's a similar hazard. Under Cascadia conditions, the whole county will be broadly affected and much more damage expected due to soil liquefaction. A crustal earthquake anticipates more damage

to specific communities with proximity to the Turner & Mill Creek fault line (particularly Scio, West Scio, Crabtree). The loss ratio for structures in both scenarios is roughly comparable.

- Flood- Matt Williams states that result tables for all hazards are based on a percentage of total structures within a community, so while certain communities have relatively high percentages of loss, they can also have very low # of structures so the overall impact might not be as high. (e.g. Shedd)
- Landslide- Landslides tend to disproportionately affect residential structures due to the tendency of people building homes on slopes/hillsides.
- Channel Migration- DOGAMI only mapped North Santiam River, so only Canyon communities of Gates, Lyons and Mill City included.
- Wildfire- High and moderate risk are included in damage analysis due to past experiences, it is important that wildfire risk is not understated.
- Volcanic Lahar- Santiam Canyon is the only place assessed for any volcanic exposure, due to proximity to Mt. Jefferson. This simulation is going to be re-run by Williams before the final report.

In the final report, each community will have a profile with a specific exposure analysis. Each community's specific critical facilities will be listed in a table which displays potential exposure to each hazard.

Kate Bentz asks about the availability of Channel Migration data for other rivers in the County, Matt Williams said that DOGAMI only has available data for the North Santiam, but Mill Creek may be another good candidate for that analysis.

Continuing the OEM-FEMA Methodology: Steering Committee participants are guided through interactive ranking polls for "Vulnerability" and "Maximum Threat" of hazards in Linn County.

Public Engagement and Input:

Katherine provides ideas for how each community can provide a space for public engagement and input in their communities.

- Linking to county website- Good for small communities to keep their community members informed, but not as useful for collecting feedback.
- Hosting an Open House event in the community or tabling at other events such as a farmers' market or community event- it is possible to provide an activity to engage the public and glean feedback from members of the community. Katherine is able to help with putting together.
- Launching a survey or posting flyers at public places- useful for dispersed communities

The project schedule has the public input period as July-August

Next Steps:

- Jurisdictions- send completed IGAs and any photos of natural hazard events to include in the plan
- DOGAMI will finish up the risk assessment and provide a final report