



Curry County Natural Hazard Mitigation Plan Update Steering Committee Meeting #1

September 26, 2019, 1:00 to 3:00 PM

888 Elk Drive

Brookings, OR 97415

*Meeting livestreamed on social media and was recorded and uploaded
to the County Government Channel.*



OREGON

Department of
Land Conservation
& Development

MEETING NOTES

Attendees:

Jeremy Dumire, Emergency Manager (Convener), Curry County Emergency Services

Pam Reber, Natural Hazard Planner (Project Manager), Oregon Dept. of Land Conservation & Development (DLCD)

Richard Christensen, Roadmaster, Curry County Road Department

Nancy O'Dwyer, Curry County Planning

Jim Watson, Fire Chief, City of Brookings Fire Department/ Curry County Fire Defense Board

Anthony Baron, Public Works/Developmental Services Director, City of Brookings

Tessa LaFazio, Emergency Manager, Tolowa Dee-ni Nation

Steve Courtier, Port Manager, Port of Port Orford

Jenny Houck, Office Manager, Port of Port Orford

Gary Dehlinger, Port Manager, Port of Brookings Harbor

Kenneth L. Range, Port Commissioner, Port of Brookings Harbor

Sharon Hartung, Port Commissioner, Port of Brookings Harbor

Wade McMaster, District Ranger, Rogue River-Siskiyou National Forest, Gold Beach Ranger District

Hui Rodomsky, South Coast Regional Representative, DLCD

(by phone) Meg Reed, Coastal Shores Specialist, DLCD

Introduction and Background

The meeting began with a go-around of participants' motivation for involvement.

Port of Port Orford – A multi million investment is underway at the Port of Port Orford. It is within the tsunami zone, but not within VE flood zone. Currently there is no NHMP for the Port. Trying to implement a plan as part of investor requirement.

Road Dept. Curry Co – Road network resiliency

Brookings Fire – Safety.

USFS Gold Beach – Safety, being good partner.

Port of Brookings Harbor – 2018 completed infrastructure resiliency plan for the future. Sedimentation entering harbor.

City of Brookings – Public infrastructure

Curry County planning – Public resilience, learn the process.

Tolowa Dee-ni Nation – Aboriginal territory crosses into Oregon from CA, participates in both counties on plans that affect tribal members.

Natural Hazards Mitigation Planning Resources

Curry County Natural Hazard Mitigation Plan Volumes I & II, November 2015

DOGAMI Natural Hazard Risk Report for Curry County

Curry County Scope of Work

FEMA Local Mitigation Planning Handbook: https://www.fema.gov/media-library-data/20130726-1910-25045-9160/fema_local_mitigation_handbook.pdf

Free Hazard Mitigation Planning Tutorials: http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/mitigationplanning/SitePages/2017_Coffee_Break.aspx

Review and Discuss the (IGA) and Scope of Work (SOW)

An overview of the roles and responsibilities associated with the planning process were discussed and presented (see attached slides).

- Role of DLCD – Help the participating jurisdictions meet FEMA requirements, do most of the plan writing, and support the jurisdictions in their roles. FEMA review tool determines the overall requirements.
- FEMA requires documentation of public engagement and outreach outside of adoption of plan—evidence of talking about and allowing input from the public on plan components. This includes any media mentions, news that talks about the NHMP effort, event flyers, website screenshots, etc. Send these to Pam Reber, DLCD Project Manager, for documentation at pamela.reber@state.or.us.
- Discussion of the Curry Co scope of work. Pam went through the PowerPoint presentation (see slides attached).
- Requirements: public notice for meetings; review/approve meeting notes each meeting, document changes since last plan—hazard events, changes in development, how the mitigation plan has been implemented. Also need to let FEMA know how climate change was engaged in the process.
- 2015 plan was mostly unchanged from 2010 plan. Recently, Curry County was hit with several hazard events including large fires like Chetco Bar (191,125 acres 7/12-11/29/2017¹), landslides like the Hooskanaden Slide on Hwy 101², in addition to “new” hazards, including mud flows and sedimentation from burn areas, sink holes like the one in Harbor in January 2016 in the 16000 block of Hwy 101³, and [sudden oak death](#).

Review and Discuss Public Engagement Program and Communication Protocol

What do folks think as reasonable for public outreach? The following options are proposed.

- SC meetings are to be recorded and uploaded to the County Government Channel.
- News media—advance public notice is important.
- Email lists, Website(s), Online Survey are all options
- Each meeting will be recorded and put on public channel, will live streamed on FB, they will be

¹ <https://www.geomac.gov/> accessed 11/18/19

² <https://kcbv.com/search?find=Hooskanaden%20Slide> accessed 11/18/19

³ <https://www.opb.org/news/article/watch-drone-video-oregon-sinkhole/> accessed 11/18/19

advertised.

- Currently 82 people joining us online. (Jeremy Dumire)

Cost Share Forms

Cost share forms were handed out and filled out by eight meeting attendees.

- Cost share forms and instructions will be emailed to the Steering Committee in addition to being brought in hard copy to each meeting.
- Cost share should be submitted quarterly with the next submission due in January 2020.

Natural Hazard / Review Mitigation Actions

- How many people have seen the current NHMP for Curry Co? Most people in the room. Any questions or concerns on Appendix A1? Jeremy reads Appendix A1.
- City of Brookings doing retrofits to city hall right now – great.
- Tsunami map in Gold Beach next year 2020. Sewer storm disaster repairs.
- Brookings harbor. Some good work going forward on these.
- Port of Port Orford - \$6.5 million repair to breakwater. The rock density (10 ton) was not adequate, also had structural integrity issues. October 24, 2014 storm punched a hole in the breakwater. Using 30 ton rocks for rebuild, just going back to what was there, not building bigger. Currently rebuilding.
- Jeremy: Sediment at Chetco Bar.
- Port of Brookings harbor: 10x more cubic yard of usual sedimentation at boat basin.
- Port of PO – only two ports (with Brookings) in Oregon that face south and get damaged from southerly storms. Breakwater is #1 cause of shoaling. Has suction dredge to pump sediment from south side of jetty to north side, can keep fishermen fishing.
- Pam: Critical facilities need to be properly identified. DOGAMI has reached out for that information. If we can get that information in the form of GIS, that would be useful.
- Jeremy: DHS, FEMA, etc. looked at transportation, lifelines, and ports. This would be good information to bring into the plan.
- Curry Co Public Works, New staff will be aggressively looking at the existing infrastructure, resiliency.

Next Steps / Adjourn

- Attendees filled out cost share forms and submitted them.
- Next meeting: February 2020

Appendix A: FEMA Review Tool

Appendix B: Timeline

Appendix A: FEMA Review Tool

ELEMENT A. PLANNING PROCESS	
A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction?	(Requirement §201.6(c)(1))
A2. Does the Plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development as well as other interests to be involved in the planning process?	(Requirement §201.6(b)(2))
A3. Does the Plan document how the public was involved in the planning process during the drafting stage?	(Requirement §201.6(b)(1))
A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information?	(Requirement §201.6(b)(3))
A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process?	(Requirement §201.6(c)(4)(iii))
A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)?	(Requirement §201.6(c)(4)(i))
ELEMENT B. HAZARD IDENTIFICATION AND RISK ASSESSMENT	
B1. Does the Plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction(s)?	(Requirement §201.6(c)(2)(i))
B2. Does the Plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction?	(Requirement §201.6(c)(2)(ii))
B3. Is there a description of each identified hazard's impact on the community as well as an overall summary of the community's vulnerability for each jurisdiction?	(Requirement §201.6(c)(2)(ii))
B4. Does the Plan address NFIP insured structures within the jurisdiction that have been repetitively damaged by floods?	(Requirement §201.6(c)(2)(ii))
ELEMENT C. MITIGATION STRATEGY	
C1. Does the plan document each jurisdiction's existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs?	(Requirement §201.6(c)(3))
C2. Does the Plan address each jurisdiction's participation in the NFIP and continued compliance with NFIP requirements, as appropriate?	(Requirement §201.6(c)(3)(ii))
C3. Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement §201.6(c)(3)(i))	
C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure?	(Requirement §201.6(c)(3)(ii))
C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction?	(Requirements §201.6(c)(3)(iv) and §201.6(c)(3)(iii))
C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate?	(Requirement §201.6(c)(4)(ii))
ELEMENT D. PLAN REVIEW, EVALUATION, AND IMPLEMENTATION	
D1. Was the plan revised to reflect changes in development?	(Requirement §201.6(d)(3))
D2. Was the plan revised to reflect progress in local mitigation efforts?	(Requirement §201.6(d)(3))
D3. Was the plan revised to reflect changes in priorities?	(Requirement §201.6(d)(3))
ELEMENT E. PLAN ADOPTION	
E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval?	(Requirement §201.6(c)(5))
E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption?	(Requirement §201.6(c)(5))



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Curry County Multi-Jurisdictional NHMP

Informational Meeting, September 26, 2019

What is in an NHMP?

- **Risk Assessment:**
 - Characterize natural hazards.
 - Profile community or Special District.
 - Identify assets.
 - Assess vulnerabilities and potential losses.
 - Analyze risk.

What is in an NHMP?

- **Mitigation Strategy:**

- Set hazard mitigation goals.
- Assess capabilities.
- Identify and prioritize mitigation actions.
- Establish mitigation strategy.
- Establish a system and schedule for monitoring, evaluating, and updating the NHMP.

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Planning Process

1. **Prepare**

- A. Build Planning Team
- B. Develop Public Engagement Strategy

2. **Plan**

- A. Risk Assessment
- B. Mitigation Strategy

3. **Implement!**



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Notable Requirements

1. Sign the IGA & Scope of Work.
2. Adopt the Plan.
3. Provide and Document Cost Share.
4. Communicate with stakeholders.
5. Engage the "Whole Community."
6. Notify neighboring communities.

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Whole Community

Economic Development
Emergency Management
Health and Social Services
Housing
Infrastructure
Land Use and Development
Natural and Cultural Resources

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Working Together

- **Handouts:**

- Agenda page 2
- Timeline
- IGA/Scope of Work
 - See Table 1: Basic Responsibilities and Tasks

- **Pass-Around:**

Natural Hazards Risk Report
by the Oregon Dept. of Geology and Mineral Industri

Eligible Activities



Eligible Activities	HMGP	PDM	FMA
1. Mitigation Projects	✓	✓	✓
Property Acquisition & Structure Demolition	✓	✓	✓
Property Acquisition & Structure Relocation	✓	✓	✓
Structure Elevation	✓	✓	✓
Mitigation Reconstruction	✓	✓	✓
Dry Floodproofing of Historic Residential Structures	✓	✓	✓
Dry Floodproofing of Non-Residential Structures	✓	✓	✓
Minor Localized Flood Reduction Projects	✓	✓	✓
Structural Retrofitting of Existing Buildings	✓	✓	✓
Non-Structural Retrofitting of Existing Bld. & Facilities	✓	✓	✓

Eligible Activities

(continued)

Eligible Activities			
1. Mitigation Projects	✓	✓	✓
Safe Room Construction	✓	✓	✗
Infrastructure Retrofit	✓	✓	✓
Soil Stabilization	✓	✓	✓
Wildfire Mitigation	✓	✓	✗
Post-Disaster Code Enforcement	✓	✗	✗
5% Initiative Projects	✓	✗	✗
2. Hazard Mitigation Planning	✓	✓	✓
3. Management Costs	✗	✓	✓

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Contact Us

Oregon Dept. of Land Conservation & Development

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