

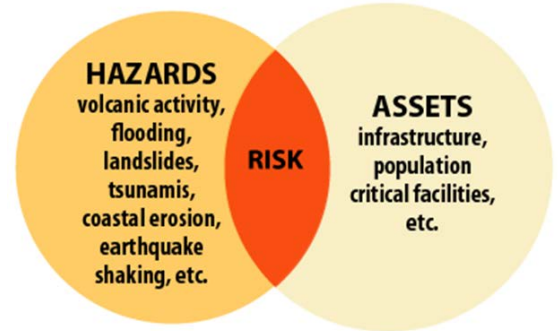
Tillamook County and Cities Risk MAP, Natural Hazards Mitigation Planning (NHMP) & Integration

Natural hazards happen.

Disasters occur when they impact people, property, and the environment.

Why engage in natural hazards mitigation planning?

- To avoid **disasters** by reducing or eliminating the long-term **risk** to human life, property, and the environment from natural hazards
- To maintain eligibility for federal pre- and post-disaster mitigation funding for planning and projects



What are the basic NHMP requirements?

- Review and revise the Natural Hazards Mitigation Plan to reflect:
 - Changes in hazards and assets
 - Progress in mitigation efforts
 - Changes in priorities
- Submit to OEM for review and FEMA for **approval within 5 years**.

What is in a Natural Hazards Mitigation Plan?

- Risk Assessment
 - Characterize natural hazards. Identify assets. Assess vulnerabilities and potential losses. Analyze risk.
- Mitigation Strategy
 - Set hazard mitigation goals. Assess capabilities. Identify and prioritize actions to reduce risk.
- Plan Maintenance Process
 - Establish a system and schedule for monitoring, evaluating, and updating the Plan.



Who is leading the Risk MAP, NHMP, and Integration efforts and how will they be coordinated?

DLCD is the overall lead, coordinator, and project manager. DOGAMI and OPDR lead Risk MAP projects.

Risk MAP: Materials produced through the Risk Map Program at the outset will be used in later parts of the project.

- DOGAMI – Multi-Hazard Risk Report (Tillamook County and all cities).
- DLCD – Resilience Meeting (Tillamook County and all cities).
- OPDR – Comp Plan natural hazards policy and development code review for Tillamook County.

NHMP: DOGAMI’s and DLCD’s Risk MAP products will be used in the NHMP, primarily in the Risk Assessment.

- DLCD – Natural Hazard Mitigation Plan review and revision (Tillamook County and all cities).

Integration: OPDR’s Risk MAP products will be used in the Comprehensive Plan/NHMP integration.

- DLCD – Comprehensive Plan natural hazards policy and development code reviews for cities
- DLCD – Comprehensive Plan/NHMP integration for Tillamook County and cities

DOGAMI = Oregon Department of Geology & Mineral Industries **DLCD** = Oregon Department of Land Conservation & Development
OPDR = Oregon Partnership for Disaster Resilience **TC** = Tillamook County

What is the project timeline?

2015			2016			2017				2018		
A-M-J	J-A-S	O-N-D	J-F-M	A-M-J	J-A-S	O-N-D	J-F-M	A-M-J	J-A-S	O-N-D	J-F-M	A-M-J
Multi-Hazard Risk Report						Resilience Meeting						
TC Natural Hazards Review			NHMP Review & Revision				NHMP Approval		Cities Natural Hazards Review			
Comp Plan/NHMP Integration												

Risk Mapping, Analysis, and Planning = Risk MAP

Risk MAP is a program established and funded by FEMA and coordinated in Oregon by DLCD.

Risk MAP delivers quality data that increases public awareness and leads to action that reduces risk to life and property. Initially focused on flooding, Risk MAP now provides data, risk assessment and analysis for multiple hazards. Risk MAP's non-regulatory products enable communities to enhance their mitigation plans and actions.

In addition to the new Risk Map effort described above, an existing Risk MAP effort to update Flood Insurance Rate Maps for Tillamook County and its cities is still moving forward, albeit slowly. Currently, the expected timeline is:

2016		2017	
SUMMER	FALL	SPRING	FALL
Preliminary DFIRM and FIS release for all but the Tillamook Valley area.	90-Day Appeal Period beginning on date of DFIRM and FIS release	FEMA issues Letter of Final Determination.	DFIRM and FIS effective six months after date Letter of Final determination issued.
Public Meeting			
Resilience Meeting			

Natural Hazards Mitigation Plans (NHMPs)

FEMA-approved natural hazard mitigation plans, while voluntary, confer eligibility for hazard mitigation assistance through the Hazard Mitigation Grant Program (HMGP), the Pre-Disaster Mitigation Grant Program (PDM), and the Flood Mitigation Assistance Program (FMA).

The legal basis for natural hazard mitigation planning is found in the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act, 1988) as amended by the Disaster Mitigation Act of 2000 (DMA 2000). 44 CFR Part 201.6 contains the requirements for developing local natural hazard mitigation plans and requires them to be updated every five years.

For many years OPDR has been in the forefront of mitigation planning in Oregon, assisting cities, counties, and the state in creating and updating natural hazards mitigation plans. DLCD has taken on that responsibility for the Oregon NHMP and is now also assisting cities and counties in natural hazards mitigation planning.

The Tillamook County Multi-Jurisdictional NHMP review and revision is funded in part by a PDM grant.

Comprehensive Plan and NHMP Integration

With hazard inventory information and risk analysis, goal setting, identification and prioritization of implementation actions, NHMPs provide a natural foundation for the natural hazards section of a city's or county's comprehensive plan. Integration of the NHMP with comprehensive plans and implementing regulations helps ensure that hazard mitigation will be considered in planning decisions and development projects, making communities safer and more resilient. Oregon is embracing opportunities to encourage communities to enhance resilience in this way and is committed to assisting in that endeavor.

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