

City of Salem Natural Hazards Mitigation Plan Update

April 2023

**Poor Air Quality, Drought,
Flood, Earthquake, Wildfire...**

**What Natural Hazards
Concern You?**



Communities are stronger when they recognize the risks from natural hazards and make efforts to reduce risk from their effects.

Natural Hazard Mitigation Plans identify risks from natural hazards and develop actions and strategies to mitigate those risks.

The current **City of Salem Natural Hazards Mitigation Plan** (NHMP) was completed in 2017. The City is now collaborating with the Oregon Department of Land Conservation and Development (DLCD) to update the NHMP. The updated NHMP will return the City's eligibility for disaster-related funding.



What's Happening Now?

The City of Salem Emergency Management team has convened representatives from various city departments; in addition to, community businesses and organizations to update this plan in order to increase resilience to natural hazards events in Salem.

Public Information Session: Risk Assessment

The draft Risk Assessment of the NHMP has been completed. The full version can be viewed online at

[Natural Hazard Mitigation Plan Update
2022/23 | Salem, Oregon \(cityofsalem.net\)](https://www.cityofsalem.net/nhmp-update-2022-23)

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City of Salem’s Natural Hazards

- Air Quality
- Drought
- Earthquake
- Extreme Heat
- Flood
- Landslide
- Water Quality
- Windstorm
- Winter Storm
- Wildfire
- Volcano

Public Information Session: Risk Assessment

What hazards are new to the 2023 NHMP Risk Assessment? The Steering Committee agreed to add Air Quality and Water Quality to the 2023 NHMP Hazards List.

What else changed in the 2023 NHMP Risk Assessment? Each of the 11 identified hazards have been updated and expanded to include more information in the following categories: causes and characteristics, location and extent, hazard event standards, history, future climate variability, probability assessment, community vulnerability, and mitigation activities and resources.

City of Salem 2022/2023 Natural Hazard Vulnerability Assessment	
HAZARD	RISK SCORE
Extreme Heat	240
Air Quality	233
Winter Storm	233
Earthquake	209
Flood	205
Wildfire	203
Water Emergency	200
Drought	186
Windstorm	182
Landslide	129
Volcano	128

Completed by the City of Salem NHMP update Steering Committee during meetings held on November 15, 2022 and December 14, 2022

Participation

As part of the Natural Hazards Mitigation Plan (NHMP) update for the City of Salem, the Steering Committee conducted an exercise based on the Oregon Office of Emergency Management and FEMA’s methodology to evaluate the risk of damage and displacement from the range of natural hazards identified. The evaluation of the hazards was based on four factors: Historical Frequency, Probability, Vulnerability, and Maximum Threat. The table above is the result of that exercise. **Does it reflect your perception of the risk posed by these natural hazards?**

The Steering Committee will now turn its attention toward actions intended to reduce risk from these hazards. **Would you like to learn more?** If so, please visit the City of Salem’s Emergencies & Disaster Preparedness webpage on Hazard Mitigation at this link: [Natural Hazard Mitigation Plan Update 2022/23 | Salem, Oregon \(cityofsalem.net\)](https://www.cityofsalem.net/nhmp)