



Snohomish County
Emergency Management

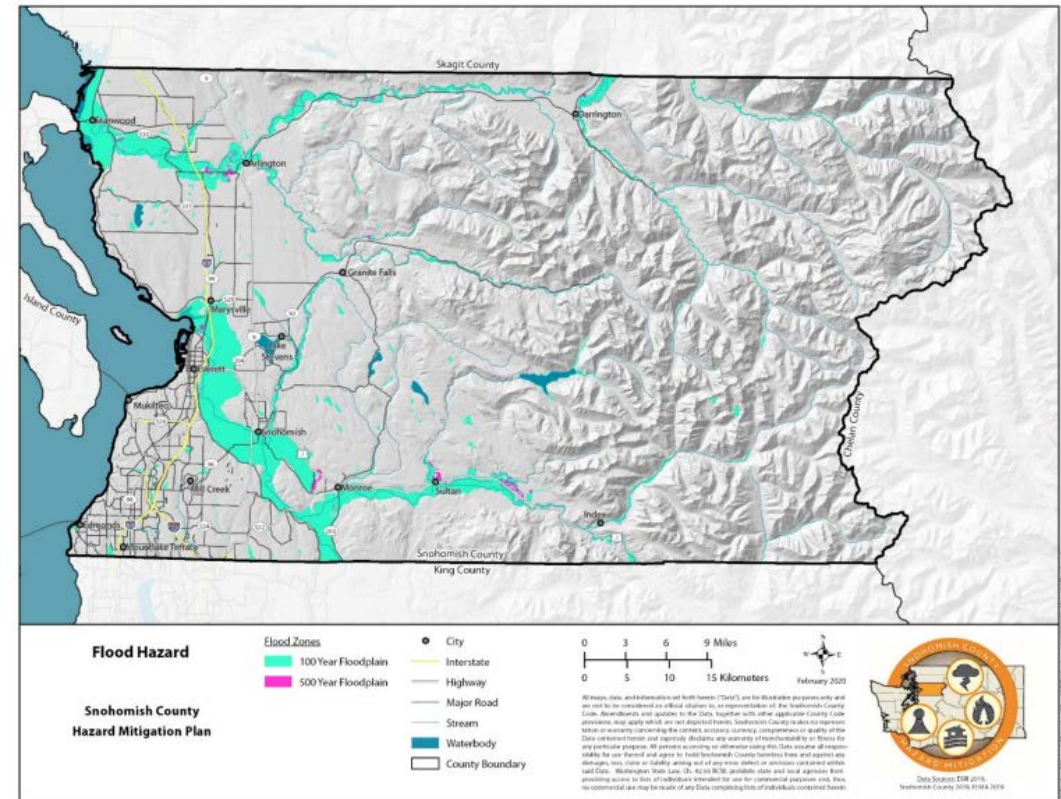
2020 Hazard Mitigation Plan Annual Progress Report - 2023

January 9, 2024

Hazard Mitigation Plan

- Identifies hazards throughout Snohomish County
 - Assesses hazard risks within identified areas
 - Guides and coordinates mitigation activities of the County and partner Cities
- Maintained in compliance with the Stafford Act, Disaster Mitigation Act and 44 CFR 201
- Updated every 5 years

PART 2 – Risk Assessment



Map 12-1 Snohomish County Flood Hazard Areas

HMP Annual Progress Report

- Four Goals supported by 16 Objectives
- Volume 2 contains current Strategies to meet goals and objectives
- Annual Progress Report reviews Action Items for each Strategy
 - Tracks progress for 5 year update process
 - Satisfies requirement for Community Rating System (CRS) Annual Report recertification
 - Additions resolve Compliance Issues for EMAP Standard certification

Goal 1: Reduce hazard and threat-related injury and loss of life.	
Item	Objectives
1.1	Develop and implement policies that integrate hazard and risk information into building codes and land use planning that promote resilient and safe development in high-risk areas.
1.2	Strengthen tools to remove threatened uses in hazardous areas and relocate them where risk reduction measures support development to a tolerable level.
1.3	Reduce the adverse impacts from and leverage the beneficial functions of natural hazards.
1.4	Develop continuity of operations plans and community-based continuity plans to mitigate the impacts of hazards becoming disasters, and support disaster preparedness, response, and recovery.
1.5	Develop, implement, and sustain programs that promote reliable, redundant, and resilient lifeline systems.
Goal 2: Promote resilient communities, resilient economy, sustainable growth, and hazard prevention.	
Item	Objectives
2.1	Provide incentives that support the mitigation of impacts to critical business operations, including small businesses and those located in high-risk areas.
2.2	Increase the resilience of critical services, facilities, and infrastructure through applicable retrofits, sustainable funding programs, and zoning and development changes, and reduce exposure/vulnerability to all hazards.
2.3	Promote the ability of communities to mitigate, prepare for, respond to, and recover from an emergency or disaster through the strengthening of community networks and development of community-based emergency planning (e.g., evacuation zones and routes and micro-infrastructure networks).
Goal 3: Consider equity when enhancing public awareness and community members' ability to mitigate, prepare for, respond to, and recover from a disaster.	
Item	Objectives
3.1	Reduce the adverse impacts of disasters on vulnerable communities.
3.2	Create and enhance equitable public information programs and access to hazard information that promotes actionable preparedness and mitigation measures.
3.3	Identify and prioritize opportunities to increase capacity and redundancy for critical services, facilities, and infrastructure to vulnerable communities, with special emphasis on communities that are at risk of isolation.
Goal 4: Make decisions through regional collaboration.	
Item	Objectives
4.1	Support the alignment and integration of the 2020 HMP goals, objectives, and strategies with other planning processes.
4.2	Develop a coordinated incentive program for eligible entities to adapt to risks through structural and nonstructural measures (e.g., acquisition program for homes or other uses located within high-risk hazard areas).
4.3	Use the best available science when developing new or updating existing plans to prepare for and adapt to climate impacts (e.g., update conservation requirements to minimize impacts of drought).
4.4	Support improved data collection, assessment, analysis, and implementation for all hazards.
4.5	Develop a coordinated flood mitigation strategy that leverages sustainable funding sources for flood control improvements and identifies opportunities for multi-agency collaboration.

HMP Annual Progress Report - CRS

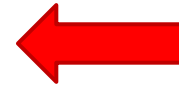
- The National Flood Insurance Program (NFIP) Community Rating System (CRS) is a voluntary federal program that rewards communities for implementing floodplain management activities that exceed minimum NFIP requirements.
 - Communities are assigned a rating – Class 9 lowest / Class 1 highest
 - Snohomish County is rated Class 5 (as of October 1, 2023)
- Requires Annual Report for Annual Recertification unless under CRS audit
- Annual Report requires County Council Review and Public Notification of availability

HMP Annual Progress Report – Process

- Action Items drafted based on Volume 2 Strategy recommendations in 2020 Update and Regional Catastrophic Planning Grant Program
- Survey sent to Snohomish County Departments identified in 2020 Update strategies and partner cities included in Volume 2 Annexes
- Survey feedback input into new report format
- Annual review by Steering Committee and County Council
- Progress reports will be utilized for 5 year updates and CRS recertification and audits

Guide to the Annual Report

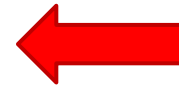
HAZARD MITIGATION ACTION PLAN MATRIX
Project/Mitigation Measure Number: SnoCo-4 Promote individual community's ability to respond and recover from an event through the developing of social capital and strengthening of community networks.
Actions: 1. Provide incentives, such as neighborhood grants, for high-risk neighborhoods to develop plans. 2. Promote a "Map-Your-Neighborhood" program. 3. Encourage meeting places within neighborhoods. 4. Connect neighborhoods by increasing walkability and increased connectivity of walkable and bikeable networks. 5. Inform and educate the public on hazard mitigation and preparedness via a County-operated website.
Hazards Addressed: All
Goal(s): 2, 3
Objective(s): 2.3, 3.1, 3.2, 3.3
Lead Agency: DEM
Secondary Agency(s): All
How does this project contribute to overall risk reduction? Encouraging communities to participate in the Map Your Neighborhood program is an efficient way to coordinate consistent State and Local Preparedness messaging as well as increasing their immediate, local capacity to prepare, mitigate and respond to all hazards.
How were risk reduction actions prioritized through a benefit cost analysis? Snohomish County departments implement a Continuous Improvement process that includes prioritizing projects by impact, cost and risk analysis. All budget funded projects go through Council and Executive approval
Funding has been secured via EESCS and UASI grant funds
Timeline: Ongoing
2021 Update: Snohomish County continues to coordinate with WA EMD on the Map Your Neighborhood program and distribute resources when requested. The program will be shifted into a new program next year, and Snohomish County will modify outreach to the new program when implemented.



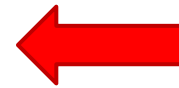
Mitigation Strategies Listed



Action Items



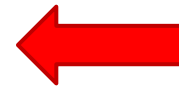
Objectives Included



Secondary Agencies Identified



EMAP Compliance Requirements



Description of Risk Reduction

Cost/Benefit Analysis and Funding Sources for Implementation



Action Item Project Updates



HMP Annual Progress Report – 2023 Highlights

- Resiliency –
 - Public Works
 - Madden Bridge 58 – Seismic Resiliency
 - Scour protection installation Swamp Creek Bridge 503
 - Scour monitoring on 96 bridges
 - \$1.04 M washout/slide repair
 - Emergency Management
 - Continuity of Operations Plan update
 - Reestablished Countywide CERT Leadership Group
 - Updated all addressing in Sno911 system
 - Renewed Snohomish County’s NOAA/NWS StormReady designation through 2027

HMP Annual Progress Report – 2023 Highlights

- Resiliency –
 - Planning and Development Services
 - Aligning Comprehensive Plan Update with Hazard Mitigation Plan
 - Climate Change Vulnerability Analysis and Report
 - Conservation and Natural Resources
 - Interdepartmental Climate Resilience Committee work plan
 - Flood Control Assistance Account Program Vulnerability Analysis pilot
 - Hydrologic and Hydraulic model study within the Stillaguamish Basin
 - Modeled impacts of a sea dike failure in Stanwood

HMP Annual Progress Report – 2023 Highlights

- Mitigation –
 - Planning and Development Services
 - Implementing Wildland Urban Interface building codes
 - Emergency Management
 - Completed Population Island earthquake modeling and distribution plan
 - Flood Mitigation Assistance and Building Resilient Infrastructure and Communities 2023 grant applications selected for full application process
 - Countywide Wildfire Protection Plan kick-off – Plan adoption ETA December 2025
 - Hazard Mitigation Plan Update scoping and alignment with Comprehensive Plan and new FEMA requirements – Plan adoption ETA November 2025
 - Updated Wildfire Risk Analysis and Wildland Urban Interface analyses updates
 - Conservation and Natural Resources
 - Installed 10 woody debris structures in Jim Creek
 - Acquisition of 347 acres within high flood risk areas across 5 projects



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Thank you!

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