

## Section 5

### Mitigation Strategy Requirements

***Mitigation Strategy---Requirement §201.6(c)(3):***

The plan shall include a strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.

***Local Hazard Mitigation Goals---Requirement §201.6(c)(3)(i):***

[The hazard mitigation strategy **shall** include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

- Does the plan include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards?

***Identification and Analysis of Mitigation Measures---Requirement §201.6(c)(3) (ii):***

[The mitigation strategy **shall** include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

- Does the plan identify a **comprehensive range** of specific mitigation actions and projects for each hazard?
- Do the identified range of mitigation actions and projects address reducing the effects of hazards on **new** buildings and infrastructure?
- Do the identified range of mitigation actions and projects address reducing the effects of hazards on **existing** buildings and infrastructure?

***Implementation of Mitigation Measures---Requirement: §201.6(c)(3) (iii):***

[The mitigation strategy section **shall** include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization **shall** include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

- Does the mitigation strategy include how the actions are **prioritized**?
- Does the mitigation strategy address how the actions will be **implemented and administered**?
- Does the prioritization process include an emphasis on the use of **cost-benefit review**?

## SECTION 5

# REGION 5 HAZARD MITIGATION PLAN AMERICAN RED CROSS MOUNT RAINIER CHAPTER MITIGATION STRATEGY SECTION

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**Table 5-1 American Red Cross Mount Rainier Chapter Mitigation Strategy Matrix**

Implementation Mechanism	Mitigation Measure ( <i>Hazard(s)</i> ) <sup>1</sup>	Lead Jurisdiction(s) / Department(s)	Timeline (years)	Plan Goals					
				Life and Property	Operations Continuity	Partnerships	Natural Resources	Preparedness	Sustainable Economy
<b>Startup</b>	1. Existing Mitigation Actions ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	Ongoing	✓	✓	✓	✓	✓	✓
	2. Plan Maintenance ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	Ongoing	✓	✓	✓	✓	✓	✓
<b>HMF</b>	1. Pierce County Hazard Mitigation Forum ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services & Regional Partners	Ongoing	✓	✓	✓	✓	✓	✓
<b>Red Cross</b>	1. Capability Identification and Evaluation ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	N/A					
	2. Increase Sheltering Capacity ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	5	✓	✓	✓		✓	
	3. Develop and Implement Auxiliary Power Plan for Chapter Infrastructure ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	5	✓	✓	✓			✓
	4. Conduct Seismic Analysis of Chapter Administrative Building ( <i>E,SW</i> )	ARC Mt Rainier Chapter - Emergency Services	5	✓	✓		✓		✓
	5. Conduct Non-Structural Seismic Retrofit of Chapter Administrative Building ( <i>E,SW</i> )	ARC Mt Rainier Chapter - Emergency Services	5	✓	✓				✓
	6. Conduct Seismic Analysis of Chapter Shelters ( <i>E,SW</i> )	ARC Mt Rainier Chapter - Emergency Services	5	✓	✓		✓		✓
	7. Increase Response Capacity for Small Scale Events ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓	✓	✓		✓	✓
	8. Increase Response Capacity for Large Scale Events ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓	✓	✓		✓	✓
	9. Develop and Maintain a Continuity of Operations Plan for the Chapter ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	5	✓	✓	✓		✓	✓
	10. Develop Coverage Areas for Reverse 911 System (Intellicast) ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services & DEM	1-2	✓	✓	✓		✓	✓
	11. Develop and Maintain Public Affairs Functional Team ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓	✓	✓		✓	
	12. Continue to Participate in Emergency Management and Homeland Security Committees ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services & Regional Partners	Ongoing	✓	✓	✓	✓	✓	✓

Implementation Mechanism	Mitigation Measure ( <i>Hazard(s)</i> ) <sup>1</sup>	Lead Jurisdiction(s) / Department(s)	Timeline (years)	Plan Goals					
				Life and Property	Operations Continuity	Partnerships	Natural Resources	Preparedness	Sustainable Economy
	13. Continue to Participate in Major Homeland Security Exercises ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services & Regional Partners	Ongoing	✓	✓	✓	✓	✓	✓
	14. Continue Serve as State Disaster Relations Liaison to Washington State ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	Ongoing	✓	✓	✓		✓	
	15. Initiate and Implement a Sustained Program for Volunteers ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓	✓	✓		✓	
	16. Ensure Disaster Services to Diverse Customer Base ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓	✓	✓		✓	
<b>Public Education</b>	1. Establish Regular All-Hazards Presentations in Senior Communities ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓		✓		✓	
	2. Establish Regular All-Hazards Presentations for Youths ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓		✓		✓	
	3. Engage Youth in Disaster Response ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓	✓	✓		✓	
	4. Establish Masters of Disaster in School Districts ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓		✓		✓	
	5. Conduct Hazard Related Education and Training for Businesses ( <i>E,L,T,V,D,F,WUI,SW,MM</i> )	ARC Mt Rainier Chapter - Emergency Services	1-2	✓	✓	✓		✓	✓

# Hazard Mitigation Measures

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## Existing Mitigation Actions

**Hazards:** E, L, T, V, D, F, WUI, SW, MM<sup>2</sup>

The Mount Rainier Chapter will continue to implement existing programs, policies, and regulations as identified in the Capability Identification Section of this Plan. This includes such actions as updating the Chapter Strategic Plan and continuing those programs that are identified as technical and fiscal capabilities.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Preserve or Restore Natural Resources; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be accomplished with local budgets or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Ongoing
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Plan Maintenance

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will adopt those processes outlined in the Plan Maintenance Section of this Plan.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Preserve or Restore Natural Resources; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Ongoing
6. **Benefit** = Chapter -Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Pierce County Hazard Mitigation Forum

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will work in conjunction with the County with the Pierce County Hazard Mitigation Forum (HMF). The Forum will continue as a means of coordinating mitigation planning efforts among all jurisdictions within the County that have completed a mitigation plan. This ensures efficient use of resources and a more cooperative approach to making a disaster resistant county. The HMF meets annually; every October. This is addressed in the Plan Maintenance Section of this Plan.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Preserve or Restore Natural Resources; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = Minor
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = PC DEM; American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Ongoing
6. **Benefit** = Regional
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Capability Identification and Evaluation

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will develop a consistent and replicable system for evaluating the Chapter's capabilities. A comprehensive evaluation will lead to specific policy recommendations to more effectively achieve disaster resistant communities. Further, a capability evaluation involves measurable variables so that capabilities may eventually be tracked in conjunction with the implementation of all mitigation measures. This is a key component in evaluating the success of the Chapter's overall mitigation strategy.

1. **Goal(s) Addressed** = N/A. Goals addressed are contingent upon the mitigation measures resulting from this priority.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Increase Sheltering Capacity

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will develop 20 “Model 2” Partner shelters to include training. Chapter coverage includes: 10 shelters in Pierce County, 4 shelters in Thurston County, 3 shelters in Lewis County, and 3 shelters in Mason County.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget and grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Long-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Develop and Implement Auxiliary Power Plan for Chapter Infrastructure

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will assess what Chapter owned and reliance infrastructure, administratively and operationally (shelters), should have auxiliary power. Once the assessment is complete, the Chapter will begin by implementing auxiliary power retrofits to the highest priority infrastructure. This maybe in the form of pre-wiring infrastructure to have a generator power a portion of a facility and identifying a generator for that facility. The chapter may look at a policy that requires future infrastructure to be pre-wired for essential services.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget and grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Long-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Conduct Seismic Analysis of Chapter Administrative Building

**Hazards:** E, SW

The Mount Rainier Chapter will conduct a seismic hazard analysis of the Administrative building and determine if the infrastructure should be retrofitted. Once the findings of the analysis are reviewed, the Chapter will determine if a structural seismic retrofit is beneficial.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Preserve or Restore Natural Resources.
2. **Cost of Measure** = \$5,000
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Long-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Conduct a Non-Structural Seismic Retrofit of Chapter Administrative Building

**Hazards:** E, SW

The Mount Rainier Chapter will conduct a non-structural seismic retrofit of the Administrative building. This will be accomplished through the following: an assessment will be done throughout the building, materials will be purchased to conduct the retrofit, and materials will be installed to complete the retrofit.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations.
2. **Cost of Measure** = \$1000
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Long-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Conduct Seismic Analysis of Chapter Shelters

**Hazards:** E, SW

The Mount Rainier Chapter will conduct a seismic hazard analysis of the Chapter shelter buildings and determine if the infrastructure should be retrofitted. Once the findings of the analysis are reviewed, the Chapter will determine if structural seismic retrofits are beneficial.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Preserve or Restore Natural Resources
2. **Cost of Measure** = \$15,000
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Long-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Increase Response Capacity for Small Scale Events

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts to increase their response capacity for small scale events. Capacity improvement will be achieved through the following: providing standardized assistance to 275 cases per current regulations, meeting survey results indicated in Scorecard, and tracking response time for all single family and multi-family responses within 2 hours.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Increase Response Capacity for Large Scale Events

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts to increase their response capacity for large scale events. Capacity improvement will be achieved through the following: developing functional teams with team leads and assistant team leads for response to large scale events, identifying human resource shortfalls for readiness level, and developing a plan to recruit and mentor for shortfalls.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Develop and Maintain a Continuity of Operations Plan for the Chapter

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will develop and maintain a Continuity of Operations Plan (COOP).

The purpose of this Plan will be to provide guidance for the protection of the Chapter's officials and documents with or without warning of a wide range of potential emergencies, while outlining the Chapter's viable and executable contingency plans. (To provide essential functions to customers from a different location, due to the primary facility becoming unusable, for long or short periods of time).

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter -Emergency Services
5. **Timeline** = Long-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Develop Coverage Areas for Reverse 911 System (Intellicast)

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The measure will involve developing geographic information system coverage areas in the Pierce County's Reverse 911 System for the Chapter. The impacted jurisdiction defines a geographic area and the Intellicast system then calls all land phones in that area alerting them to the given hazard. This system can be used without pre-drawn coverage areas, but by pre-identifying the service areas within the City the message can be sent out more efficiently. The system has proved invaluable in recent floods and windstorms; both declared Federal Disasters, in the County.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services, Pierce County DEM
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Develop and Maintain Public Affairs Functional Team

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will develop and maintain a Public Affairs Functional Team. This will be achieved through the following: recruiting 20 volunteers for team, including team leads and assistant team leads, offering Public Affairs training 6 times per year, and developing an on call system for Public Affairs Volunteers.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Continue to Participate in Emergency Management and Homeland Security Committees

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts of participating in regional Emergency Management and Homeland Security Committees. This will be achieved through the following: developing Collaboration/EOC functional team, including team leads and assistant team leads, attending all Emergency Management committee meetings, fire chief meetings, provider's meetings, sheltering meetings, and cold weather sheltering meetings.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Preserve or Restore Natural Resources; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter -Emergency Services and Regional Partners
5. **Timeline** = Ongoing
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Continue to Participate in Major Homeland Security Exercises

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts of participating in Major Homeland Security Exercises. This will be achieved through the following: successful participation in exercises, evaluation of exercises, and written reports document participation, evaluation, and lessons learned.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Preserve or Restore Natural Resources; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services and Regional Partners
5. **Timeline** = Ongoing
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Continue to Serve as State Disaster Relations Liaison to Washington State

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts of serving as State Disaster Relations Liaison to Washington State Emergency Management Division. This will be achieved through the following: reporting to EOC within 1 hour of activation and providing reports on general situation awareness.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Ongoing
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Initiate and Implement a Sustained Program for Volunteers

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts of recruiting, training, involving, and retaining volunteers. This will be achieved through the following: orienting and training new volunteers (maintain a designated departmental volunteer liaison and ensure volunteers are assigned job and accurate job description), training volunteers by developing a training schedule (offer 120 courses throughout year), ensuring volunteers have current Chapter information (develop chapter wide email volunteer distribution list, conduct monthly meetings, and develop monthly electronic newsletter), increasing disaster training opportunities and attendance (schedule a minimum of 10 training classes per month and increase promotion and awareness of training calendar), and increasing community disaster resistant education efforts (recruit and train 15 new CDE presenters).

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Ensure Disaster Services to Diverse Customer Base

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts of ensuring services, opportunities, and messaging that address its diverse customer base. This will be achieved through the following: identifying a volunteer to serve as liaison to local tribes (1 volunteer identified and trained), increasing volunteer opportunity awareness in each county (1 highlighted activity per county each quarter that is submitted to community publication), reaching out to diverse communities (develop 2 bilingual disaster instructors), and focusing efforts on educating at risk populations (train 2 bilingual community disaster educator presenters and conduct 15 presentations).

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Establish Regular All-Hazards Presentations in Senior Communities

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will establish regular all-hazards presentations in senior communities. The intent is to reach a threshold of 10 per year.

1. **Goal(s) Addressed** = Protect Life and Property; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget and grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Establish Regular All-Hazards Presentations for Youths

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts of educating youths in all-hazard disaster preparedness. This will be achieved through the following: facilitating 10 youth presentations on an annual basis.

1. **Goal(s) Addressed** = Protect Life and Property; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Engage Youth in Disaster Response

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts of engaging youths in disaster response. This will be achieved through the following: collaborating with youth organizations (minimum of 1 per quarter) to establish a youth functional team for pamphlet distribution following a disaster and canteening.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Establish Masters of Disaster in School Districts

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will continue its efforts of educating youths in all-hazard disaster preparedness. This will be achieved through the following: developing partnership with Intel to facilitate Masters of Disaster Curriculum in 3 school districts and implementing the program in at least 3 school districts.

1. **Goal(s) Addressed** = Protect Life and Property; Increase Public Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Conduct Hazard Related Education and Training for Businesses

**Hazards:** E, L, T, V, D, F, WUI, SW, MM

The Mount Rainier Chapter will conduct hazard related education and training for businesses throughout the Chapter. The Chapter businesses play a vital role in the future of the Region. By partnering with other regional governmental partners (Fire District, Cities, Counties, etc.) the businesses will be provided an awareness level introduction to the hazards in the area. Working with local business groups or the chambers of commerce, this will help build a level of sustainability into the Region as well as provide a mechanism for leveraging resources before and after an emergency or disaster.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Provide/Ensure Continuity of Operations; Increase Public Awareness and Education/Preparedness for Disasters; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = American Red Cross Mount Rainier Chapter - Emergency Services
5. **Timeline** = Short-term
6. **Benefit** = Chapter-Wide
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

# Endnotes

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<sup>1</sup> Hazard Codes:

Where necessary, the specific hazards addressed are noted as follows:

<b>A:</b>	Avalanche
<b>E:</b>	Earthquake
<b>F:</b>	Flood
<b>D:</b>	Drought
<b>T:</b>	Tsunami
<b>V(L OR T):</b>	Volcanic (lahar or tephra-specific)
<b>SW:</b>	Sever Storm (wind-specific)
<b>L:</b>	Landslide
<b>WUI:</b>	Wildland/Urban Interface Fire
<b>MM:</b>	Manmade to include terrorism
<b>ALL:</b>	All hazards, including some man made. Where only natural hazards are addressed, it is noted.

<sup>2</sup> While this Plan is strictly a *Natural* hazard mitigation plan, where a measure stems from a facility recommendation (Infrastructure Section) that deals specifically with terrorism, the mitigation strategy will use that analysis. Other measures, such as those that deal with multi-hazard community preparedness or recovery planning, mitigate man-made hazards and are noted as such. It is not the intent of this notation to imply that all measures were analyzed with regards to man-made hazards or that measures were identified with that in mind. Rather, the notation merely illustrates the potential on this template for the inclusion of man-made hazard analysis.