

This Section provides an overview of the planning process; identifies the Nevada Mitigation Planning Committee (NHMPC) members; documents public outreach efforts; and summarizes the review and incorporation of existing plans, studies, and reports used in the development of this Nevada Hazard Mitigation Plan (NHMP).

2.1 OVERVIEW OF THE PLANNING PROCESS

The requirements for the documentation of the mitigation planning process, as stipulated by the DMA 2000 and its implementing regulations, are described below.

DMA 2000 REQUIREMENTS: PLANNING PROCESS

Documentation of the Planning Process

Requirement §201.4(c)(1): The State plan **must** include a description of the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how other agencies participated.

Element

- Does the plan provide a narrative description of how the **new or updated** plan was prepared?
- Does the **new or updated** plan indicate who was involved in the **current** planning process?
- Does the **new or updated** plan indicate how other agencies participated in the planning process?
- Does the updated plan document indicate how the planning team reviewed and analyzed each section of the plan?
- Does the updated plan indicate for each section whether or not it was revised as part of the update process?

Source: FEMA, Standard State Hazard Mitigation Plan Review Crosswalk 2008

2.1.1 How the Updated Plan was Prepared

The Subcommittee followed the method for updating the plan presented in Section 6.1.4 of Section Six of the 2007 NHMP. What follows is a narrative summary of how this was accomplished:

In January of 2008, the Subcommittee met and assigned a planning team to implement the decisions of the Subcommittee on modifications to the plan document. The Subcommittee continually provided direction and expertise to the planning team throughout the update process. The planning team solicited input from the Subcommittee members and other agencies with the expertise needed to address the required Crosswalk elements revisions for each Section. The planning team reviewed and analyzed each section of the plan with input from the Subcommittee members. The planning team revised each section accordingly and brought revisions to the Subcommittee for final review. The Subcommittee Chair presented the Subcommittee's updated sections to the NHMPC for final approval. Table 2-3 in Section 2.1.4 lists each planning team work session and accomplishments.

Proposed updates to sections were posted for review on the NHMPC website and emailed to the Subcommittee members as well as to additional interested stakeholders, with a deadline for submitting comments. All comments received were discussed at the next Subcommittee meeting with a consensus reached on proposed revisions to the section. The Subcommittee directed the planning team to modify the Section as agreed and when revised sections were completed, these were again posted and emailed for final review. The Subcommittee Chair reviewed any additional input and if the change was significant an

email was sent requesting a vote. The final draft was placed as an action item for approval on the agenda for the next meeting.

2.1.2 Who Was Involved in the NHMP Update Process

In order to update the NHMP, the Mitigation Planning Committee (NHMPC) established a Subcommittee that consists of the following members listed in Table 2-1. Subcommittee participation and contributions are documented by the attendance rosters and minutes of each meeting. The Subcommittee was expanded in this iteration with representation from several new entities. These include:

- the State Public Works Board, which has responsibility of maintaining state-owned buildings
- the newly created Tribal Emergency Management Council with links to all tribal entities in Nevada.
- the Department of Cultural Resources who has authority for historical preservation in the state.
- the planner for DEM also participated in this planning process.

The University of Nevada's Cooperative Extension works very closely with rural communities regarding issues such as invasive species, wildfire, and environmental resources. Their staff participated in extensive updates of the invasive species and wildfire hazard risk assessments.

Participation from the public was solicited via postings in both newspapers and the online quarterly meeting agendas, and on the NHMPC and DEM websites. Although no direct public feedback was received in response to these postings we still feel it is important to keep them updated and current as a resource for the public to access.

Information about the plan update and the planning process was presented by NESC and WUI group at meetings that took place during the plan update period. This reached a much larger audience that included hospitals, service providers, casinos, private industry, private non-profits, GIS specialists, building officials, federal agencies such as Bureau of Land Management, U.S. Forest Service, architectural and engineering firms, homeowners, and local fire fighters. DEM staff ensured that the meeting agendas were distributed to local emergency managers and tribal entities requesting input. No direct comments or feedback from the public were received by the Subcommittee about the state plan update from any of these entities.

However, all members of the NHMPC and Subcommittee participate in a wide variety of other state and public organizations such as the Nevada Earthquake Safety Council, the Wildland Urban Interface Summit, the State Mapping Advisory Committee, Nevada Mining Association, the State Emergency Response Commission, and many other educational and civic groups. Through these groups the committee members have much contact with the public and hear their concerns about hazard mitigation in many venues and thus are able to incorporate these concerns into their work on the Subcommittee.

In order to encourage more direct public participation in the future plan update process in the next iteration, a standard PowerPoint presentation on the Nevada hazard mitigation plan will be developed by SHMO, and will be available to NHMPC and Subcommittee members and others for use in public presentations and speaking engagements across the state.

Table 2-1. Members of the Nevada Hazard Mitigation Planning Subcommittee

Mitigation Planning Subcommittee		
Name Dates of committee service	Agency	Designated Responsibilities
Chair: James L. Walker 2007-	Nevada Department of Transportation	To direct the Subcommittee in its efforts to revise the NHMP. To identify state transportation-related infrastructure vulnerable to hazards.
Elizabeth Ashby/Karen Johnson 2007-	Nevada Division of Emergency Management - State Hazard Mitigation Officer	To research and compile data used to revise and update the NHMP. To provide resources and serve as liaison between FEMA Region IX and the Subcommittee.
Rick Diebold 2007-	City of Las Vegas Office of Emergency Management	To represent the interest of Clark County's Hazard Mitigation Committee on the State Mitigation Planning Subcommittee
Maureen Martinez 2007-	Department of Administration/ Division of Risk Management	To provide insurance, safety, loss prevention and risk management data to the Subcommittee.
William Elliott 2008-	Nevada Division of Emergency Management	To provide planning expertise to the Subcommittee.
Stacey Giomi 2007-	Carson City Fire Chief / Emergency Manager	To represent Emergency Managers on the Subcommittee.
Kim Groenewold/Robert Martinez 2008-	Nevada Division of Water Resources	To provide floodplain management data and strategies to the Subcommittee.
Juliette Hayes 2007-	FEMA Region IX Mitigation Specialist	To provide FEMA guidance to the Subcommittee in revising the NHMP.
Mike Klug/Kacey KC/Mike Dondero 2007-	Nevada Division of Forestry	To provide input on Wildland Urban Interface (WUI) fire risks, and mitigation strategies to reduce WUI fire risk.
Daphne LaPointe 2007-	Nevada Bureau of Mines and Geology	To work with the SHMO and Subcommittee to research and compile data used to revise and update the NHMP.
Rick Martin 2007-	Nevada Division of Emergency Management-Recovery	To provide response and recovery information to the Subcommittee.
Robert Martinez 2007-	Nevada Division of Water Resources	To provide the Subcommittee with dam inspection data pertinent to dam safety, risks and mitigation.
Glade Myler 2007-	Deputy Attorney General, Nevada Division of Emergency Management	Provides legal counsel to the Subcommittee.

Table 2-1. Members of the Nevada Hazard Mitigation Planning Subcommittee

Mitigation Planning Subcommittee		
Name	Agency	Designated Responsibilities
Dates of committee service		
Rebecca Ossa 2008-	Architectural Historian, Department of Cultural Affairs, State Historical Preservation Office	To provide technical assistance to the Subcommittee regarding preservation of Nevada's historic and cultural resources.
Jonathan G. Price/Gary Johnson/Jordan Hastings 2007-	Director, Nevada Bureau of Mines and Geology, and Chair of Nevada Earthquake Safety Council (NESC)	To provide geologic information, technical assistance, GIS, support personnel, to the Subcommittee.
Drs. Annette Rink/Keith Forbes 2007-	Nevada Department of Agriculture	To provide information to the Subcommittee about Nevada's agriculture and related industries.
Rob Palmer/Jeff Collins 2007-	Nevada Division of Environmental Protection	To help the Subcommittee comply with environmental laws and regulations contained in the Nevada Revised Statutes (NRS) and the Nevada Administrative Code (NAC).
Terri Bohl 2009-	Emergency Management & Homeland Security Director, Indian Health Board of Nevada	To provide input from Tribal Nations hazards, risk, vulnerability, program management, mitigation activities and resources. to the Subcommittee
Craig Marshall 2009-	State Public Works Board	To provide input on State facilities

2.1.3 How other agencies participated in the NHMP update process

Other agencies participated by serving as members of the NHMP Subcommittee and by providing oversight and direction of the update process. When additional information was required to comply with Crosswalk elements and recommendations, the Subcommittee also solicited specific input, expertise, and data from other agencies not represented on the Subcommittee. Table 2-2 details the contributions of all agencies in the NHMP update process.

Table 2-2. Documentation of Agency Participation in Update Process

Agency	Mode of Participation in the plan update process
U.S. Bureau of Land Management	Provided input on mitigation of Wildland-Urban Interface fires through quarterly meetings.
Nevada Fire-Safe Council	Provided input on mitigation of Wildland-Urban Interface fires through quarterly meetings.
Nevada Division of Forestry	Provided input on Wildland Urban Interface (WUI) fire risks, and mitigation strategies to reduce WUI fire risk.
Carson City Office of Emergency Management	Provided input on mitigation of Wildland-Urban Interface fires, flooding, earthquake, hazardous materials, etc.
Nevada Earthquake Safety Council (NESC)	Provided input on earthquake safety and hazards used in updating the NHMP.

Table 2-2. Documentation of Agency Participation in Update Process

Agency	Mode of Participation in the plan update process
Nevada Public Agency Insurance Pool	Provided data on Unreinforced Masonry Buildings (URM) data to the Subcommittee to aid in the revision and update of the NHMP
Nevada Department of Transportation	Provided leadership and direction to the Subcommittee in updating the NHMP and identified state transportation-related infrastructure vulnerable to hazards.
FEMA Region IX	Provided FEMA guidance to the Subcommittee in revising the NHMP.
Nevada Division of Emergency Management -	Provided resources, research, and data used to update the NHMP. Provided a link between FEMA Region IX and the Subcommittee. Provided disaster response and recovery information to the Subcommittee.
Attorney General's Office	Provided legal counsel to the Subcommittee and language revisions used in the updated plan. Ensured compliance with Nevada Revised Statutes in all updated material in the NHMP.
City of Las Vegas Office of Emergency Management	Represented the interests of Clark County's Hazard Mitigation Committee on the State Mitigation Planning Subcommittee.
Department of Administration/ Division of Risk Management	Provided insurance, safety, loss prevention and risk management data used to update the NHMP.
Nevada Division of Water Resources	Provided floodplain management data and Repetitive Loss data to the Subcommittee for use in updating the NHMP. Provided dam inspection data pertinent to dam safety, risks and mitigation.
Nevada Division of Environmental Protection	Provided the Subcommittee with input relating to air quality, water quality, and hazardous materials used in updating the NHMP.
Nevada Bureau of Mines and Geology	Provided geologic information, technical assistance, GIS data, and support personnel to the Subcommittee to aid in the revision and update of the NHMP.
Department of Cultural Affairs, State Historical Preservation Office	Provided technical assistance to the Subcommittee regarding preservation of Nevada's historic and cultural resources. Provided Unreinforced Masonry Buildings (URM) data regarding historical buildings to the Subcommittee to aid in the revision and update of the NHMP.
Nevada Department of Agriculture	Provided information regarding agriculture and related industries to the Subcommittee for use in updating the NHMP
Indian Health Board of Nevada	Provided information regarding tribal nations to the Subcommittee for use in updating the NHMP

2.1.4 How the Subcommittee Achieved the Update of Each Section of the NHMP

The Subcommittee charged the planning team with specific tasks in reviewing and analyzing each section of the plan. The planning team revised each section accordingly and brought revisions to the Subcommittee for final review. The Subcommittee Chair presented the Subcommittee's updated sections to the NHMPC for final approval. As part of the update process, local jurisdictional hazard mitigation plans were incorporated into the NHMP as they were approved by FEMA and made available. As hazard and vulnerability assessments became available these data were incorporated into the NHMP. Table 2-3

documents specific accomplishments of the planning team at each work session and Table 2-4 documents the NHMPC Planning Subcommittee quarterly meetings.

Table 2-3. Documentation of NHM Planning Team Meetings

Date	Update Planning Team Participants	What was accomplished
August 2008	Elizabeth Ashby Daphne LaPointe	Reviewed and revised Section One.
September 2008	Elizabeth Ashby Daphne LaPointe	Integrated Douglas County hazard mitigation plan into NHMP. Integrated Elko County multi-jurisdictional hazard mitigation plan into NHMP. Addressed Severe Repetitive Loss requirements in the updated NHMP
October 2008	Elizabeth Ashby Daphne LaPointe Kim Groenewold	Kim Groenewold provided data and expertise on addressing Repetitive Loss requirements in the updated NHMP. Reviewed and revised portions of Section Two
November 2008	Elizabeth Ashby Daphne LaPointe Glade Myler	Finalized the integration of hazard mitigation plans for Elko and Douglas Counties into the NHMP. Received review comments pertinent to NRS for incorporation into revised Section One Incorporated review comments into revised Section One. Incorporated Subcommittee member input into Table 2-1 of Section Two. Updated Table 2-2 and revised Section 2.1.3 of Section Two.
December 2008	Elizabeth Ashby Daphne LaPointe	Revised language and incorporated a table documenting agency participation in the update process into Section Two, renumbered tables. Revised language and incorporated a table documenting Integration of the NHMP with other State planning efforts and Integration of the NHMP with FEMA Programs and Initiatives into Section Two. Renumbered sections and tables.
January 2009	Elizabeth Ashby Daphne LaPointe	Revised language of plan adoption procedures in Section One. Incorporated Elko and Douglas Co's plans into Section Four. Began Review of Section 3. Added Subcommittee minutes to Section 2.
February 2009	Elizabeth Ashby Daphne LaPointe	Continued requesting, reviewing and integrating input from committee members and other experts about history, location, severity and probability of future hazard events
March 2009	Elizabeth Ashby Daphne LaPointe	Continued requesting, reviewing and integrating input from committee members and other experts about history, location, severity and probability of future hazard events
April 2009	Elizabeth Ashby Daphne LaPointe	Incorporated new Section Zero, Plan Overview and Profile of State. Revision of Table profiling hazards. Revision to Section One.

Table 2-3. Documentation of NHM Planning Team Meetings

Date	Update Planning Team Participants	What was accomplished
May 2009	Elizabeth Ashby Daphne LaPointe	Revisions to Section 4, 5 and 6 Began updating the capability assessment for state and locals.
June 2009	Elizabeth Ashby Daphne LaPointe	Incorporation of vulnerability information for wildland fire, flood and earthquake
July 2009	Elizabeth Ashby Daphne LaPointe	Revisions to the Hazard Profiling Table in Section 3 and hazard profiling and categorization information for subcommittee. Included subcommittees final Hazard Categorization into Section 3.
August 2009	Elizabeth Ashby Daphne LaPointe	Input from members regarding hazards was reviewed, requested and integrated into the plan document.
September 2009	Elizabeth Ashby Daphne LaPointe	Minor revisions & new format of avalanche, drought, & infestations sections, Section Three. Revisions to Hazard Categorizations section and Table
October 2009	Elizabeth Ashby Daphne LaPointe. Jeff Knight	Re-organized Section 3.3.8 Floods Minor revisions & new format of avalanche, drought & infestation sections, Section Three.
November 2009	Elizabeth Ashby Daphne LaPointe	Incorporated changes to Hazard Categorization Table from Subcommittee
December 2009	Elizabeth Ashby Daphne LaPointe	Revisions to Extreme Heat & Severe Winterstorm Section Three
January 2010	Elizabeth Ashby, Jeff Knight Daphne LaPointe	Minor revisions to Hail and Thunderstorms, Section Three. Consolidated Severe Weather section to include Extreme Heat, Severe Winter Storm, Hail and Thunderstorm, Tornado, Windstorm. Minor revisions of avalanche, drought & infestation sections. Revised language on flood, earthquake and wildland fire
February 2010	Kim Groenewold, Jon Price, Mike Dondero, Elizabeth Ashby, Daphne LaPointe, Gary Johnson	Minor revisions of avalanche, drought & infestation sections. Revised language on flood, earthquake and wildland fire
March 2010	Elizabeth Ashby, Jon Price, Daphne LaPointe, Gary Johnson	Revisions to earthquake section
April 2010	Elizabeth Ashby Daphne LaPointe, Kim Groenewold, Jon Price, Mike Dondero	Revisions to goals and actions table in Section Four. Revised language and incorporated a table in Section Four, goals and actions for flood, earthquake and wildland fire. Incorporated new section on terrorism. Reviewed, requested input from members about action items.
May 2010	Elizabeth Ashby, D.D. LaPointe & Karen Johnson	Worked on edits to Sections 3 & 4. Worked on edits to Appendix A, Section C, D
June 2010	D.D. LaPointe & Karen Johnson, John Watermolen	Worked on edits to Appendix B, C, D, and April NHMPC Subcommittee minutes. Worked on edits to Sections 5, 7, 8, Appendices. Distribution of STAPLEE

Table 2-3. Documentation of NHM Planning Team Meetings

Date	Update Planning Team Participants	What was accomplished
		spreadsheet for action prioritization
July 2010	Elizabeth Ashby, D.D. LaPointe & Karen Johnson	Edits to Sections 4 and 5. Review, edition and update of appendices. Worked with members to finalize prioritization of actions and finalize the plan. Inclusion of enhanced plan criteria in plan document.
August 2010	Elizabeth Ashby Daphne LaPointe, Karen Johnson	Final revision and incorporation of suggestions from members. Approval by the NHMPC for submission to FEMA.
September 2010	Elizabeth Ashby Daphne LaPointe, Karen Johnson	Submission to FEMA for courtesy review.
October 2010	Elizabeth Ashby Daphne LaPointe, Karen Johnson	Adoption resolution completed by Governor

Table 2-4. NHMPC Subcommittee Meetings

Meeting Date	What was accomplished
28 January 2008	Discussion of new FEMA Crosswalk, review & approve new section on Severe Repetitive Loss, review & approved URM Buildings ID project
28 April 2008	Discussion of Lyon Co. Canal Breach, City of Wells Earthquake, & Elko Co. Plan inclusion in State Plan
28 July 2008	Review Section Two – Planning Process, Brainstorm on methods to create more public involvement
27 October 2008	Review Section Two – Planning Process, Public Involvement Activities Report, Update regarding Elko & Douglas Co's Plan into State Plan, Update regarding language of URM ID Inventory
26 January 2009	Approval of Elko & Douglas Cos' inclusion into State Plan, Review and approval of Section One, Review of Section Two
27 April 2009	Review Section Zero, Discussion of revision of Table ID and profiling hazards, Discussion of current criteria used to categorize hazards
27 July 2009	Review & approval of final Hazard Profiling Table of Capability Assessment Section, profiled and categorized hazards, approval of final Hazard Categorization
26 October 2009	Review, discussion & approval of Hazard Categorization table showing state hazards previously identified
25 January 2010	Review status of Section 3 subsections profiling hazards, approval of avalanche, drought & infestation sections, FEMA Region IX discussion of RiskMap
26 April 2010	Review status of Section 3 subsections profiling hazards, review goals & actions for wildfire, earthquake & flood
26 July 2010	Discussion of new FEMA Crosswalk, review & approve new section on Severe Repetitive Loss, review & approved URM Buildings ID project

2.1.5 Which Sections of NHMP Were Revised in the Update Process

Table 2-4 below indicates which sections of the NHMP were revised as part of the 2010 update process and or added to the Plan and when each was approved by NHMPC. Details about specific revisions made to each section or subsection are included in that section and are also described in table 2-3 on page 2-6 in the Planning Team meeting accomplishments.

Table 2-5. NHMP Revised Sections

Description	Updates Made Y/N?	Date Approved by NHMPC
Introduction	Y	26 August 2010
Section Zero - Overview	Yes (new section)	27 April 2009
Section One – Adoption	Y	26 January 2009
Section Two – Planning	Y	16 July 2010
Section Three – Risk Assessment	Y	26 August 2010
Section Four – Mitigation Strategy	Y	Partial, 11 Dec 2008
Section Five – Local Coordination	Y	26 August 2010
Section Six – Plan Maintenance	Y	26 August 2010
Section Seven - References	Y	16 July 2010
Section Eight – Glossary of Terms	Y	Deleted
Section Eight (new) – Enhanced Plan	Y (new section)	16 July 2010
Appendix A - Adoption Document	Y	26 August 2010
Appendix B - Participating Organizations	Y	26 August 2010
Appendix C – NHMP Committee, Subcommittee & Bylaws	Y	26 August 2010
Appendix D - Meeting agendas and minutes	Y	26 August 2010
Appendix E (old)– Hazard Risk Assessment Survey	Deleted in 2010 Update	26 August 2010
Appendix E (new)- NV Admin Code Application for Emergency Assistance	N	26 August 2010
Appendix F - HAZUS Earthquake Maps	Y	26 August 2010
Appendix G – List of Dams in Nevada	N	26 August 2010
Appendix H – Flood HAZUS Maps for NV Counties	Y	26 August 2010
Appendix I - Federal and State Assurances	Y	26 August 2010
Appendix J - Wildfire & State-Owned Buildings		26 August 2010
Appendix K – Extreme weather data	Y	26 August 2010
Appendix L – Noxious Weed Maps	Y	26 August 2010
Appendix M – Estimated Losses from Earthquakes near Nevada Communities	Y	26 August 2010

2.2 COORDINATION AMONG AGENCIES

The requirements for coordination among agencies, as stipulated by the DMA 2000 and its implementing regulations, are described below.

DMA 2000 REQUIREMENTS: PLANNING PROCESS

Coordination Among Agencies

Requirement §201.4(b): The State mitigation planning process **should** include coordination with other State agencies, appropriate Federal agencies, interested groups, and . . .

Element

- Does the **new or updated** plan describe how Federal and State agencies were involved in the **current** planning process?
- Does the **new or updated** plan describe how interested groups (e.g. businesses, non-profit organizations, and other interested parties) were involved in the **current** planning process?
- **Does the updated plan discuss how coordination among Federal and State agencies changed since approval of the previous plan?**

Source: FEMA, Standard State Hazard Mitigation Plan Review Crosswalk 2008

2.2.1 Involvement of Federal and State Agencies in the Planning Process

State agency personnel who also serve on the Subcommittee are listed in table 2.1 in section 2.1.2. Federal and state agencies that contributed to the update process are listed in table 2-2 in section 2.1.3. The composition of the Subcommittee adjusts to address compliance with requirements of the plan update process.

Nevada's Tribal nations work directly with FEMA in their planning process rather than working through State channels due to increased funding opportunities. The state continues to provide the tribes with technical assistance in their planning as requested.

Nevada continues to have a monthly conference call with neighboring and nearby state hazard mitigation officers to discuss mutual mitigation matters. States present information about changes in national, state or local policies. The input from other states regarding their planning process, capability and risk assessments gives the Subcommittee a forum for sharing strategies on our respective update processes.

The Wildland Urban Interface (WUI) is composed of multiple state and federal agencies that include U.S. Bureau of Land management, the Nevada Fire-Safe Council, Nevada Cooperative Extension, U.S. Forest Service, Nevada Division of Forestry, Nevada Division of Emergency Management, local fire departments, and interested private citizens. The WUI meets regularly to plan an annual summit on Wildland Urban Interface fire mitigation issues for businesses and homeowners. Mitigation goals and strategies identified at these summits are then incorporated into both the local and state planning update process.

The Nevada Earthquake Safety Council is composed of representatives from Nevada Division of Emergency Management; University of Nevada, Reno; University of Nevada, Las Vegas; Nevada Public Agency Insurance Pool; Clark County Department of Development Services; Clark County School District; American Red Cross; Nevada Energy; urban governments; and private engineering, insurance, consulting, and casino companies. They meet quarterly and meetings may be attended by any interested parties including

FEMA representatives, local building officials, local fire departments and emergency management coordinators, U. S. Department of Energy and tribal representatives. The Council facilitates public input, develops consensus about seismic issues within the public and private sectors, and is the public advisory body for State seismic safety policy. The Subcommittee uses these policies in the planning process.

The Nevada Hazard Mitigation Planning Committee includes members with expertise in floodplain management including representatives from the Clark County Flood Control District, Washoe County Water Resources, State Floodplain Manager, and Nevada Division of Water Resources. They provide flood mitigation and dam safety goals and strategies and review proposed updates to the plan.

2.2.2 Participation of Interested Groups in the Planning Process

Participation of private businesses, private non-profit groups (PNPs), and other interested parties is documented by their representation in NESC, NHMPC, and WUI Summit Committee as described in the previous section.

Voluntary Organizations Active in Disasters (VOAD) and Community Organizations Active in Disasters (COAD) are national and local faith-based groups that coordinate with state and federal emergency management agencies in assisting communities in recovering from disasters. The NDEM staff coordinates with these groups and incorporates their concerns into the planning process.

Citizens and interested groups are able to review the plan on the NDEM website (www.dem.state.nv.us) and provide input directly to the SHMO for use in the planning process.

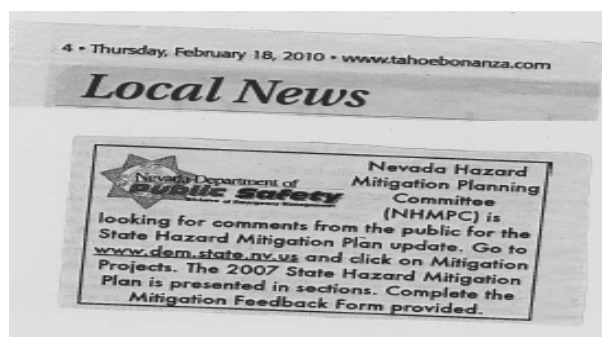
Additionally, all Subcommittee and Committee meetings are posted according to the Nevada Open Meeting Law and teleconferencing information is noted on the agenda.

Increasing public involvement in the planning process was discussed at length in several meetings of the Subcommittee when it addressed FEMA's recommended revisions. Please see minutes from July 28, 2008 and October 27, 2008 in particular, with continued discussion in Jan 26, 2009. The subcommittee reached a consensus that public involvement efforts must be a component of the local planning process and counties must bring those local concerns to the state. At the state level, the intent is mainly to keep the public aware of the planning process and to keep it open, accessible, and transparent to anyone who wishes to view it, which we do by posting it all on our website. However, the Planning Subcommittee and the NHMPC agreed to move the NHMPC meetings to venues located around the state in local communities in an effort to elicit more participation from the public. These efforts have so far not produced any additional public participation or comments. These NHMPC meetings in the local communities will continue, and whenever possible, requests for time to discuss the state's planning process at meetings where membership extends to both the NHMPC and the Subcommittee will be made and documented accordingly in continued efforts to increase public involvement. Additional outreach by members is designed for next iteration of this plan with a ten-minute presentation posted on the NHMPC for members of the NHMPC and Subcommittee to use as a guide; this is also available to the public. A third outreach effort will be made using cards, the size of

bookmarks, that will be imprinted with the NHMPC website to be distributed to the public as an awareness tool. This card will be provided at the NHMPC meetings to its members for distribution at other groups' meetings, public events, and copies will also be presented to the DEM, Department of Business and Industry, Public Safety, and the Governor's public information officers, and other public forums to enhance awareness of and encourage public feedback on the plan.

Nevada Department of Emergency Management solicited input from the public in the planning process via newspaper posting in all major Nevada newspapers statewide in February 2009; please see Figure 2-1 for a copy of the posting. Input could also be made on the Division's website, but no comments were received.

Figure 2-1. Public Participation Advertisement



2.2.3 Changes in Federal and State Coordination

Cooperation among agencies in order to comply with Federal requirements for hazard mitigation planning has had the added effect of enhancing mutual awareness of the goals and functions of a wide variety of agencies, both federal and state. Working together on the planning and update process has helped members become more cognizant of common goals and opportunities for coordination of efforts in the mitigation planning process at the state level. One example of this is the increased coordination among the Division of Water Resources, Division of Environmental Protection, and Division of Emergency Management to leverage resources in addressing environmental concerns related to mitigation activities, such as Nevada Clean Water and U.S. Clean Air Act programs. Another example of improved coordination of federal and state agency efforts is the increased cooperation among the entities participating in the WUI Summit meetings. This has resulted in both reduced fire risk to homes and businesses and increased awareness of funding opportunities to communities for implementing strategies. Yet another is in the increased inclusion of NESC issues and strategies in earthquake hazard mitigation plan update process. Increased communication between FEMA and state agencies such as NBMG and Seismology at UNR has resulted in development of new tools for earthquake risk assessment and loss estimation. Increased federal and state agency coordination in the planning process has greatly enhanced awareness, cooperation, and the leveraging of resources in the implementation of mitigation strategies.

2.3 PROGRAM INTEGRATION

DMA 2000 REQUIREMENTS: PLANNING PROCESS

Program Integration

Requirement §201.4(b): The State mitigation planning process **should** be integrated to the extent possible with other ongoing State planning efforts as well as other FEMA mitigation programs and initiatives.

Element

- Does the **new or updated** plan describe how the State mitigation planning process is integrated with other ongoing State planning efforts?
- Does the **new or updated** plan describe how the State mitigation planning process is integrated with FEMA mitigation programs and initiatives?

Source: FEMA, Standard State Hazard Mitigation Plan Review Crosswalk 2008

2.3.1 Integration of Existing Plans

The primary way in which Nevada integrates the State mitigation planning process with other ongoing State planning efforts is by having members of the NHMPC and planning subcommittee who also serve as primary managers of specific programs directly involved in hazard mitigation. Their expertise across a broad spectrum of hazards provides a framework for networking and integration of the NHMP with other ongoing state planning efforts. Specific examples of this mechanism for integration of plans are presented in the table below, organized by hazard.

Table 2-6. Integration of the NHMP with other State Planning Efforts

Hazard	Name of plan/website reference	Codes and Regulations	Plan description Mechanism for Integration
All hazards	City Planning	NRS 623 - Architecture, Interior Design and Residential Design	Development Has members in common with NHMPC/Subcommittee
All hazards	Community Master Plans	NRS 278.160 – Planning and Zoning	Conservation and Development This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee
All Hazards	County Hazard Mitigation Plans		Risk analysis and mitigation plans of local hazards This plan's goals and the NHMP's goals are both to reduce losses. Risk assessment data and action items are incorporated into Sections 3 and 4 of this plan. Has members in common with NHMPC/Subcommittee

Table 2-6. Integration of the NHMP with other State Planning Efforts

Hazard	Name of plan/website reference	Codes and Regulations	Plan description Mechanism for Integration
All Hazards	Local Hazard Mitigation Plan Reference: http://dem.state.nv.us		Provides planning and project grants for hazard mitigation This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee
All Hazards	Nevada Natural Resource Plan Reference: http://dcnr.nv.gov/nrp/home.htm	NRS 548 – Conservation	Conservation of Nevada's natural resources This plan's goals and the NHMP's goals are both to reduce losses Has members in common with NHMPC/Subcommittee
All Hazards	Open Space Plan	NRS 376A – Taxes for development of open space land	Development and use for open space land for 20 years This plan's goals and the NHMP's goals are both to reduce losses.
Dam Failure	Nevada Dam Safety Reference: http://water.nv.gov/Engineering/Dams/	NRS 535- Dams and other Obstructions	Promote safe construction and operation of dams and prevent loss of life and property. This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee
Drought	Drought Plan -2003 Reference: http://water.nv.gov/WaterPlanning/pub-list.cfm	NRS 540 – Planning and Development of Water Resources	Recording and reporting mechanism for drought management. This plan's goals and the NHMP's goals are both to reduce losses. County emergency managers participate in both this plan and NHMPC/Subcommittee.
Drought	Nevada State Water Plan Reference: http://water.nv.gov/WaterPlanning/pub-list.cfm	NRS 540 – Planning and Development of Water Resources	Framework for water planning and management This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee
Drought	Southern Nevada Water Authority Drought Plan		Sustain and promote water goals in Southern Nevada. This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee.

Table 2-6. Integration of the NHMP with other State Planning Efforts

Hazard	Name of plan/website reference	Codes and Regulations	Plan description Mechanism for Integration
Earthquake	Strategic Plan for Earthquake Safety in Nevada Reference: http://www.nbmq.unr.edu/nesc/strat.pdf		Goals are to reduce losses due to earthquakes in Nevada. This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee.
Earthquake	Nevada Earthquake Risk Mitigation Plan www.nbmq.unr.edu/nesc/NERM.P.pdf		Goal is to reduce losses due to earthquakes in Nevada. This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee.
Earthquake	Nevada Earthquake Safety Council www.nbmq.unr.edu/nesc	NRS 414	Goal is to reduce losses due to earthquakes in Nevada. This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee.
Flood	Nevada Floodplain Management Program		Monitor and implement the Community Assistance Program, the Flood Mitigation Assistance Program, and the Statewide Flood Management and Mitigation Plan This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee
Flood	Statewide Floodplain Management/Mitigation Planning Reference: http://water.nv.gov/Flood/page5.htm	Floodplain Management Ordinance for Nevada Communities	Minimize public and private losses due to flooding This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee.
Flood	Truckee River Flood Management		"The Living River Plan" This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee.
Wildfire	Community Wildfire Protection Plans (CWPP)		Rating and risk analysis of fire danger in "Communities at Risk" by county This plan's goals and the NHMP's goals are both to reduce losses. Some goals and objectives were carried into this plan. Has members in common with NHMPC/Subcommittee

Table 2-6. Integration of the NHMP with other State Planning Efforts

Hazard	Name of plan/website reference	Codes and Regulations	Plan description Mechanism for Integration
Wildfire	Western Governors Assn. 10 year Comprehensive Strategy and Implementation Plan: National Fire Plan, USFS Reference: http://www.forestsandrangelands.gov/		Agency mitigation and response to wildland fires This plan's goals and the NHMP's goals are both to reduce losses. Has members in common with NHMPC/Subcommittee

2.3.2 Implementation of State Mandates at the Local Level

In Nevada any State mandate approved by the State legislature must also be approved by the county and city governing body before it can be implemented at the local jurisdiction. This “Nevada Home Rule” can be an impediment to implementation of state-initiated hazard mitigation strategies. This obstacle is in part overcome by the fact that counties are required by NRS 278.160 to integrate hazard mitigation actions with planning and development at the local level.

NHMPC is working with Clark County and its cities in the development of building codes based on microzoning standards for the state’s most populated communities. NHMPC expects to expand this activity statewide in the future by leveraging state and local resources. It also works very closely with the NESC in its efforts to provide policies for earthquake-based land use planning statewide. As the current economic downturn causes state agencies, local planners and elected officials to take a closer look at land use policies, this unification of hazard mitigation programs may provide similar networking opportunities among participating stakeholders in other communities.

2.3.3 Integration of the NHMP with FEMA Programs and Initiatives

FEMA programs drive state and local mitigation efforts nationwide. In order to apply for FEMA mitigation funding, communities must first develop their own mitigation plans that are consistent with both FEMA programs and initiatives and NHMP guidelines.

Some of the major state-administered FEMA-funded hazard mitigation programs for which communities can qualify by adherence to the NHMP are described in the following table:

Table 2-7. Integration of NHMP and Local Mitigation Plans with FEMA Mitigation Programs and Initiatives

Hazard	Program	Mechanism for Integration
All hazards	<p>Hazard Mitigation Grant Program</p> <p>To provide funds to governments and communities to significantly reduce or permanently eliminate future risk to lives and property from natural hazards. HMGP funds projects identified in the community's hazard mitigation plan and enables the implementation of mitigation measures during the recovery from a disaster.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans
All hazards	<p>HAZUS MH</p> <p>HAZUS-MH is a nationally applicable standardized methodology and software program that uses models to estimate potential losses from earthquakes, floods, and hurricane winds. Estimating losses is essential to decision making at all levels of government, providing a basis for developing mitigation plans and policies, emergency preparedness, and response and recovery planning.</p>	In Nevada, UNR uses HAZUS to generate the potential loss data on which mitigation plans at all levels are based
All hazards	<p>Pre-Disaster Mitigation</p> <p>Pre-Disaster Mitigation (PDM) is a Federal program administered by FEMA, which funds a) local and state mitigation planning to meet the requirements of DMA 2000 and b) mitigation projects.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans
Dam failure	<p>National Dam Safety Program (NDSP)</p> <p>This program is a partnership of state and federal agencies with other stakeholders to encourage individual and community responsibility for dam safety. The program includes: grant assistance to states, dam safety research and dam safety training.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans

Table 2-7. Integration of NHMP and Local Mitigation Plans with FEMA Mitigation Programs and Initiatives

Hazard	Program	Mechanism for Integration
Earthquake	<p>National Earthquake Hazard Reduction Program (NEHRP) has four basic goals:</p> <ul style="list-style-type: none"> • Promote understanding of earthquakes and their effects • Work to better identify earthquake risk • Improve earthquake-resistant design and construction techniques • Encourage the use of earthquake-safe policies and planning practices 	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans
Flood	<p>National Flood Insurance Program (NFIP)</p> <p>NFIP enables property owners in participating communities to purchase flood insurance as protection against flood losses, while requiring state and local governments to enforce floodplain management ordinances that reduce future flood damages.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans
Flood	<p>Community Rating System (CRS)</p> <p>This is a voluntary program recognizing and encouraging community floodplain management activities that exceed the NFIP's minimum standards.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans
Flood	<p>Cooperating Technical Partners (CTP)</p> <p>This program creates partnerships between FEMA and participating NFIP cooperators having an interest and capability to become more active participants in the FEMA Flood Hazard Mapping Program.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans

Table 2-7. Integration of NHMP and Local Mitigation Plans with FEMA Mitigation Programs and Initiatives

Hazard	Program	Mechanism for Integration
Flood	<p>Flood Map Modernization This federal program provides up-to-date maps to support a flood insurance program that is more closely aligned with actual risk, encourage wise floodplain management, and increase the public's flood hazard awareness. In Nevada, Clark County's flood maps have been up-dated. Washoe County's maps are in the process of being digitized.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans
Flood	<p>Flood Mitigation Assistance To implement cost-effective measures that reduce or eliminate the long-term risk of flood damage to structures insured under the NFIP.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans
Flood	<p>Repetitive Flood Claim To reduce or eliminate the long-term risk of flood damage to structures insured under the NFIP that have one or more claim payment(s) for flood damages.</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans
Flood	<p>Severe Repetitive Loss Program To reduce or eliminate the long-term risk of flood damage to severe repetitive loss residential properties and the associated drain on the National Flood Insurance Program (NFIP).</p>	Parallel goals, objectives and action items among FEMA programs, NHMP, and local plans